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COOLiGHT

THE LIGHT OF LOVE , LET YOU ENJOY BEAUTIFUL LIFE

Beautiful enjoy life

2024 PRODUCT CATALOGUE

OVER 18 YEARS
OF EXPERIENCE FOR LED LIGHT

Enjoy Beautiful Life

CSP Led Strip

COB Led Strip

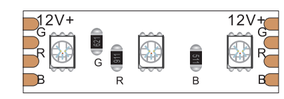
2835 High Efficiency
Led Strip

2835 IC ULTRA-LONG LED STRIP

2835 Full Spectrum
Led Strip

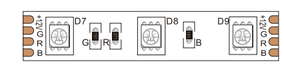
2216 Led Strip

Ultra-narrow LED strip



2835RGB Led Strip

RGB digital chasing Led strip

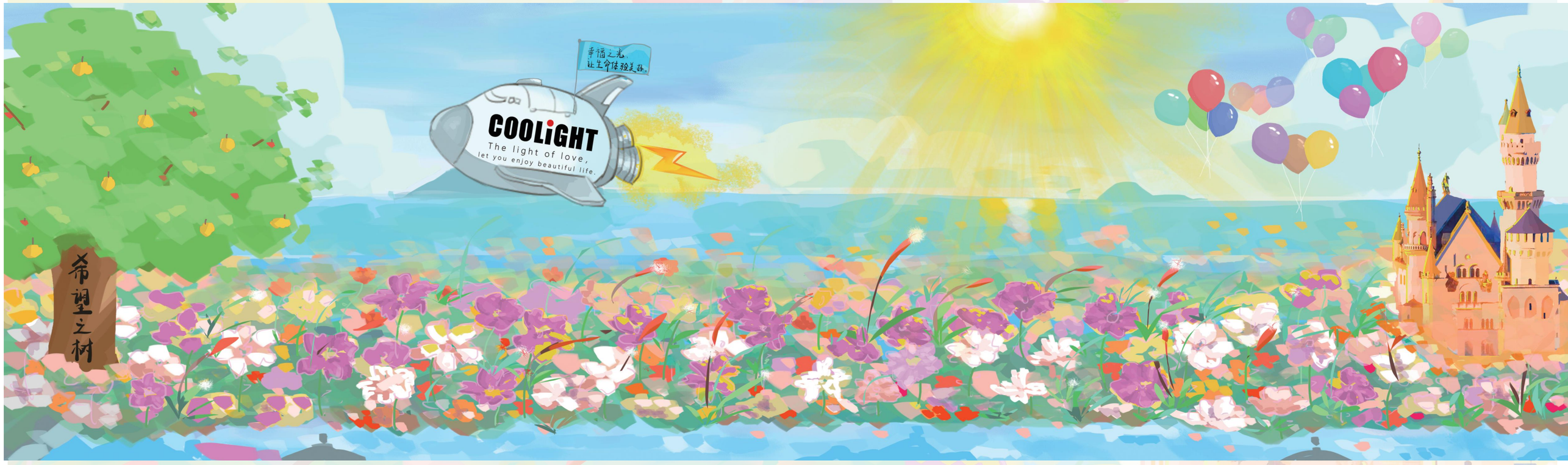


5050RGB Led Strip

Neon Led Strip

Waterproof Led Strip

The Light Of Love,Let You Enjoy Beautiful Life!



COOLIGHT VISION

The Light Of Love, Let You Enjoy Beautiful Life!

COOLIGHT ENTHUSIASM

LEADING: we are a great enterpriseleading the whole industry and the world!
INNOVATION: we are an innovative enterprise and a great enterprise of productinnovation,management innovation and corporate culture innovation!
GROWTH: we are an enterprise that likes learning,thinking, continuous breakthrough,continuousimprovement and continuous growth!
SELF CONFIDENCE: we are an enterprise with extraordinary self-confidence.We are confident and unswerving to create a better life with you!
SHARING: we are an enterprise that is willing to share our enthusiasm and vision.By sharing the gains in the process of growth, we can influence more people and tellthem that we can work and live like!
FREEDOM: we want everyone in our company to make themselves blooming and letour body and mind gain freedom!

CONTENT

The light of love , let you enjoy beautiful life!

Trust

Growth

Responsibility

Make constant

value

for customers

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ABOUT US

What is COOLIGHT?

Shenzhen Coolight Opt-Ele Co.,Ltd. was established in 2006,the company's production and operation area of more than 10,000 square meters, more than 300 employees, annual production capacity of more than 12 million meters, has become the leading high-quality flexible LED strips manufacturer,integrating R&D, production and sales, products exported to Europe, America, Southeast Asia, the Middle East mainly more than 60 countries and regions.

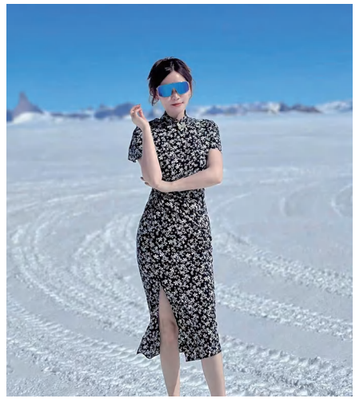
LIGHTING INNOVATION

COOLIGHT has passed ISO9001 : 2015 , CE, ROHS, REACH, UL, ERP and other certifications,and have independently applied for more than 50 invention patents and utility model patents.In 2019, COOLIGHT LED packaging department was established. In 2021, the self-developed IP67 silicone waterproof light strip "Xribbon" won the German Red Dot Award, and the turnover exceeded 200 million RMB.In 2022, the explosive LEADING CSP series was launched.In 2023,Launched the upgraded version of the Leading CSP series -CSP PRO, which truly opened the era of IP20 light strip without light spots.,and it's a national high-tech enterprise in China.

Founder & Chairman

Long Xing Yue

The light of Love,Let you enjoy beautiful life!
The leader of new generation of entrepreneurs in China.
The leader in letting human beings enjoy beautiful life.
The leader in helping Chinese women get out of difficulties and live a blooming life.



Dear Valued Partners

It is with great honour that I have taken on the position of Chairman at COOLIGHT. We are a dynamic team with more than 18 years' experience in the world of LED lighting.

In the past years, we have worked successfully with customers both old and new, and entered into a number of exciting strategic partnerships. We will now focus on continuing to provide outstanding services, and move on to even greater heights!

COOLIGHT is a truly customer-oriented company. All of our key decisions are taken with the customer in mind, and we will continue to strive for customer satisfaction in all aspects of our business. This is the cornerstone of our continued development and innovation.

As Chairman, my main task is to maintain this positive momentum and guide COOLIGHT to even greater success. Thanks to the hard work of our employees and the firm support of our shareholders, the company has made significant progress. It is your belief and trust that is most important to us.

I believe you already appreciate what our company has to offer: in good times or in bad, we will always be your trusted partner, and we thank you for your continued support.

Our aim is to contribute even more to the global LED lighting industry in the future, create new solutions and continue to grow!

COOLIGHT:Creates value for customers and ensures a win-win cooperation.

COOLIGHT: Lights up the world through technology.

COOLIGHT
Founder & Chairman

Development History

2006

COOLIGHT brand was founded by MARY Long in Hong Kong, China.

2008

Opened office in Shenzhen, China.

2009

Passed ISO9001:2008，Set up a factory in Shenzhen, integrating R&D, production and sales.

2012

Debuted at Frankfurt, Germany, officially opening the road to foreign exhibitions.

2015

COOLIGHT flexible LED strip passed UL listed, become the largest manufacturer of 2216 flexible LED strip

2017

Established a reliability laboratory, bringing R&D innovation strength and quality assurance to a new level.

2018

Passed ISO9001 : 2015 , released 2110 CRI>90 DUV±0.0033 R9>60 series flexible LED strips. Sales Volume exceeded RMB 100 million.

2019

Established SMD LED packaged, became the first in the high-end LED strip export industry. Sales Volume exceeded RMB 150 million.

2020

ERP system was put into use, COOLIGHT's production and operation were systematic and modular.

2021

Xribbon X1 became the Red Dot Winner. Sales Volume exceeded RMB 200 million.

2022

Launched explosive products - LEADING CSP series, Leading the new wave of the industry.

2023

Launched the upgraded version of the Leading CSP series - CSP PRO, which truly opened the era of IP20 light strip without light spots.

GLOBAL SERVICE

60 + COUNTEIES

We export 100% of our products to more than 60 countries and regions.

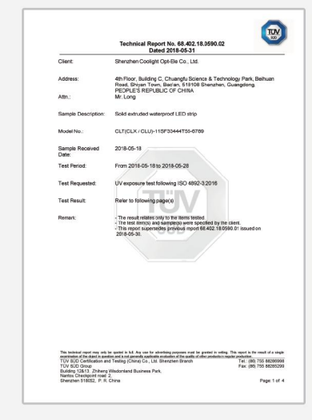
COOLIGHT is always looking to the future.

Quality and Serviceare the keys to ensuring a close relationship with all our customers.

Certificare & Patent

COOLIGHT was a national high-tech enterprise in China, which **has passed ISO 9001:2015,CE,ROHS,REACH, UL,ERP** etc,and independently applied for more than 50 invention patents and utility modelpatents.

In 2021,the self-developed IP67 silicone waterproof LED strip "Xribbon" won the German Red Dot Award.



LEADING SERIES

CSP IP20 LED STRIP

10W CRI90 320LED/m IP20 F

10W CRI90 320LED/m IP20 F PRO

14.4W CRI90 480LED/m IP20 G/F

8W CRI90 CCT Tunable 512LED/m IP20 F

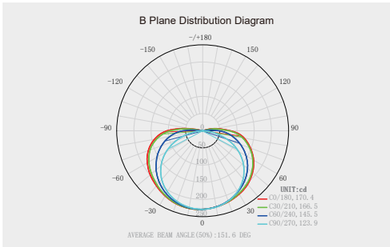
15W 540LED/m 24V CSP RGB

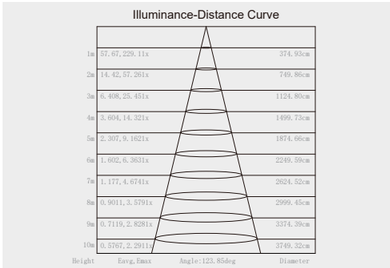
10W 320LED/m IP20 F PRO RGB (single color)

NEW

Waterproof IP54 | Waterproof IP66 | Waterproof IP68 | Waterproof NEON

ErP ERP compliant | UL Certified sapety | CE Qualification | RoHS Qualification | Cuttable | 24V Voltage | Dimmable





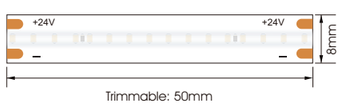
10W CRI90 320LED/m IP20 F

Electrical Data

Light Beads	: CSP
Number Led/M	: 320pcs
Power W/m±10%	: 10W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

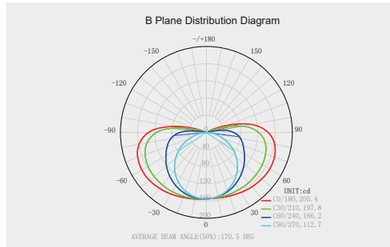


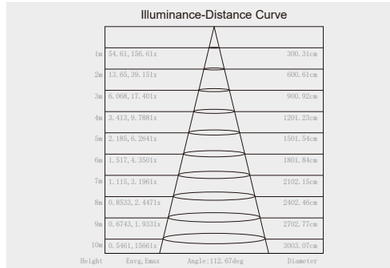
Trimmable: 50mm

1.85mm

Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24320T00-8A19	10	2700	97	970	>90/>40	F	≤3	20(54/66/67//68)
CLT-INNF24320T00-8A19	10	3000	100	1010	>90/>40	F	≤3	20(54/66/67//68)
CLT-DNNF24320T00-8A19	10	4000	103	1036	>90/>40	F	≤3	20(54/66/67//68)
CLT-WNNF24320T00-8A19	10	6500	103	1030	>90/>40	F	≤3	20(54/66/67//68)





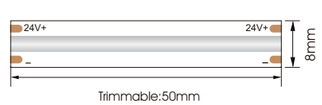
10W CRI90 320LED/m IP20 PRO F

Electrical Data

Light Beads	: CSP
Number Led/M	: 320pcs
Power W/m±10%	: 10W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

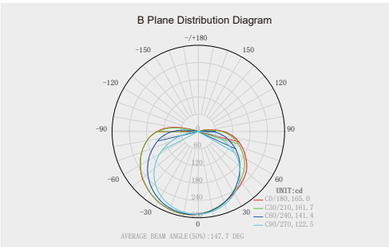


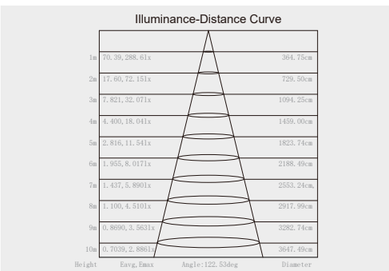
Trimmable:50mm

2mm

Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24320T00-8A19	10	2700	78	780	>90/>40	G	≤5	20
CLT-INNF24320T00-8A19	10	3000	78	780	>90/>40	G	≤5	20
CLT-DNNF24320T00-8A19	10	4000	89	890	>90/>40	G	≤5	20
CLT-WNNF24320T00-8A19	10	6000	89	890	>90/>40	G	≤5	20





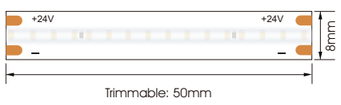
14.4W CRI90 480LED/m IP20 G/F

Electrical Data

Light Beads	: CSP
Number Led/M	: 480pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

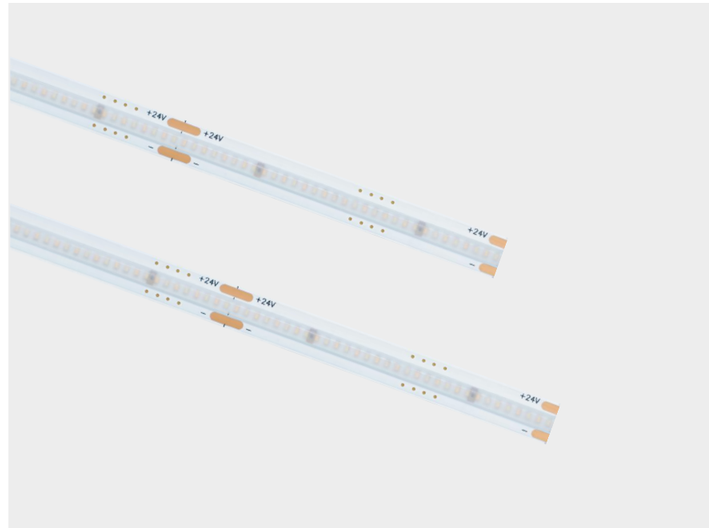
Standards / Normative Requirements

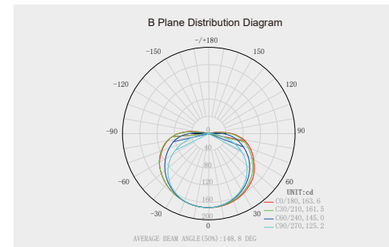
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

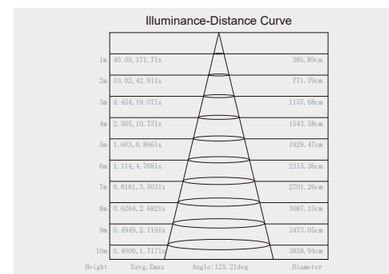


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24480T00-8A19	14.4	2700	90	1300	>90/>40	G	≤3	20(54/66/67/68)
CLT-INNF24480T00-8A19	14.4	3000	92	1330	>90/>40	F	≤3	20(54/66/67/68)
CLT-DNNF24480T00-8A19	14.4	4000	94	1360	>90/>40	F	≤3	20(54/66/67/68)
CLT-WNNF24480T00-8A19	14.4	6500	93	1340	>90/>40	F	≤3	20(54/66/67/68)







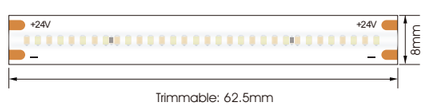
8W CRI90 CCT Tunable 512LED/m IP20 F

Electrical Data

Light Beads	: CSP
Number Led/M	: 512pcs
Power W/m±10%	: 8W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 62.5mm

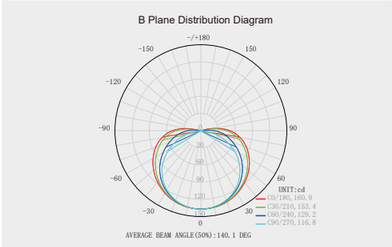
Standards / Normative Requirements

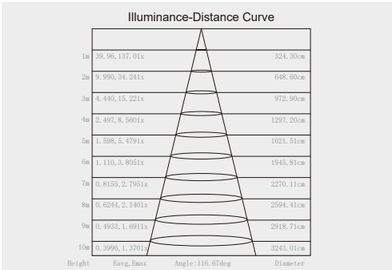
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-WINF24512T00-8A19	8	2700	97	780	>90/>40	F	≤3	20(54/66/67//68)
	8	6500	100	800	>90/>40	F	≤3	20(54/66/67//68)





15W 540LED/m IP20 24V RGB

Electrical Data

Light Beads	: CSP
Number Led/M	: 540pcs
Power W/m±10%	: 15W
Voltage	: 24V
PCB Width	: 10mm
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 33.3mm

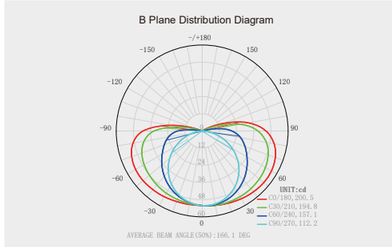
Standards / Normative Requirements

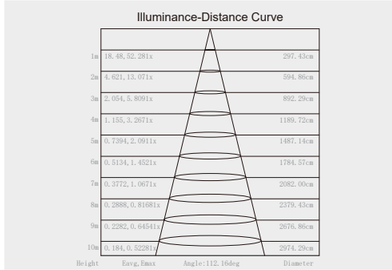
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

Trimmable:33.3mm

Product parameters

Part No.CTL	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-W2NF24540T00-0A10	6	24	R	620-630	150	/	/	/	20
	4.5	24	G	520-530	340	/	/	/	20
	4.5	24	B	455-465	75	/	/	/	20
	15	24	RGB	/	550	/	/	/	20





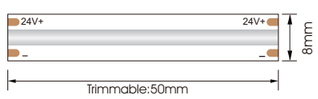
11W 280LED/m IP20 24V PRO R/G/B Single color

Electrical Data

Light Beads	: CSP
Number Led/M	: 280pcs
Power W/m±10%	: 11W
Voltage	: 24V
PCB Width	: 8mm
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Trimmable:50mm

Product parameters

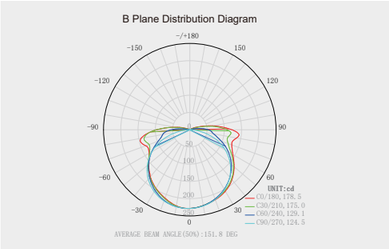
Part No.CTL	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-OUNF24280T00-8A19	11	24	R	620-640	220	/	/	/	20
CLT-GNNF24280T00-8A19	11	24	G	515-525	680	/	/	/	20
CLT-BNNF24280T00-8A19	11	24	B	450-470	160	/	/	/	20

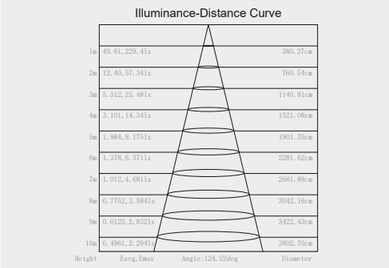
LEADING SERIES

CSP IP54 LED STRIP

10W CRI90 320LED/m IP54

14.4W CRI90 480LED/m IP54





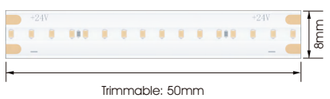
10W CRI90 320LED/m IP54

Electrical Data

Light Beads	: CSP
Number Led/M	: 320pcs
Power W/m±10%	: 10W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

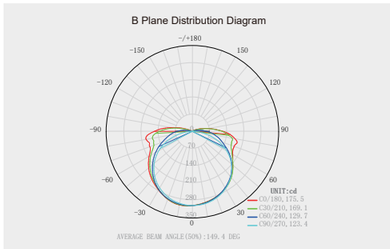


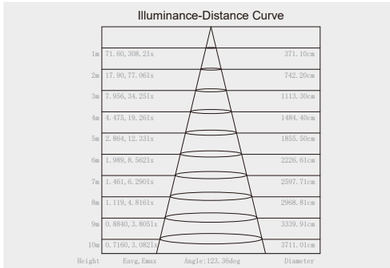
Trimmable: 50mm

3mm

Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNDF24320T00-8A19	10	2700	90	900	>90/>40	/	/	54(20/66/67/68)
CLT-INDF24320T00-8A19	10	3000						
CLT-DNDF24320T00-8A19	10	4000						
CLT-WNDF24320T00-8A19	10	6500						





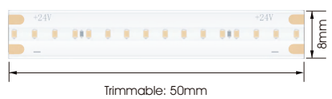
14.4W CRI90 480LED/m IP54

Electrical Data

Light Beads	: CSP
Number Led/M	: 480pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Trimmable: 50mm

3mm

Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNDF24480T00-8A19	14.4	2700	90	1296	>90/>40	/	/	54(20/66/67/68)
CLT-INDF24480T00-8A19	14.4	3000						
CLT-DNDF24480T00-8A19	14.4	4000						
CLT-WNDF24480T00-8A19	14.4	6500						

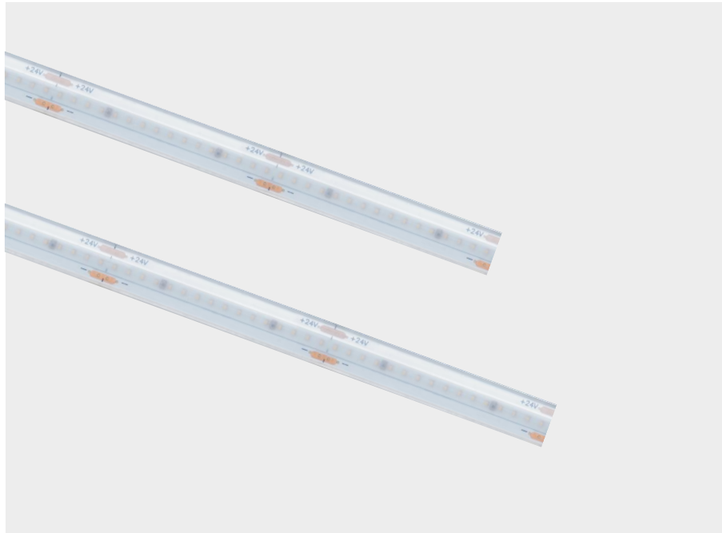
LEADING SERIES

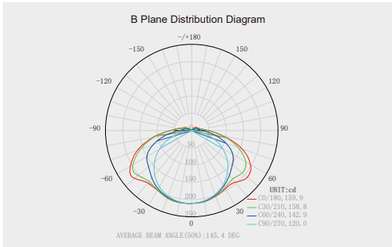
CSP IP68 LED STRIP

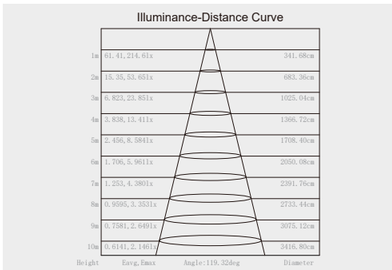
10W CRI90 320LED/m IP68

14.4W CRI90 480LED/m IP68

15W 540LED/m IP68 24V RGB







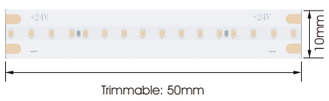
10W CRI90 320LED/m IP68

Electrical Data

Light Beads	: CSP
Number Led/M	: 320pcs
Power W/m±10%	: 10W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

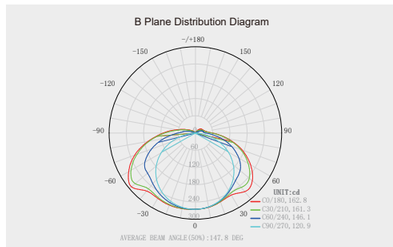
Standards / Normative Requirements

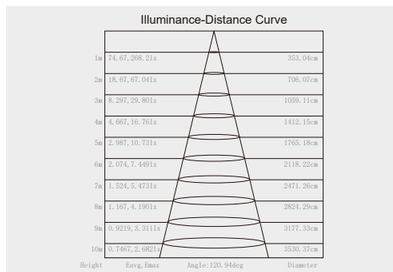
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNSF24320T00-8A19	10	2700	90	900	>90/>40	/	/	68(20/54/66/67)
CLT-INSF24320T00-8A19	10	3000						
CLT-DNSF24320T00-8A19	10	4000						
CLT-WNSF24320T00-8A19	10	6500						





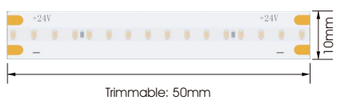
14.4W CRI90 480LED/m IP68

Electrical Data

Light Beads	: CSP
Number Led/M	: 480pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

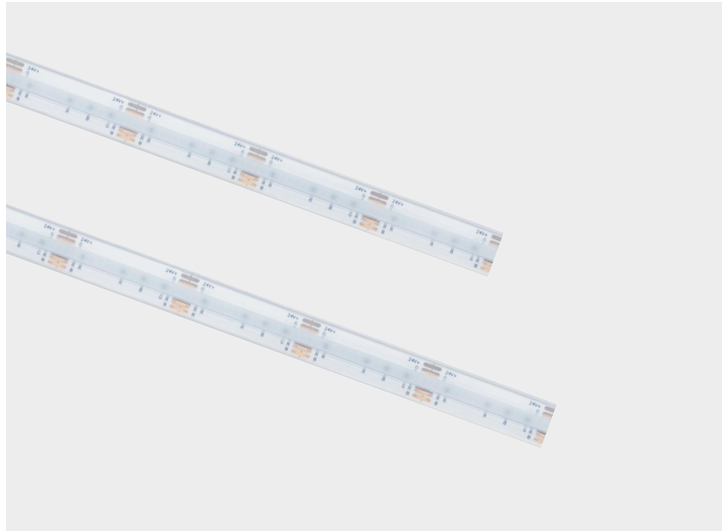
Standards / Normative Requirements

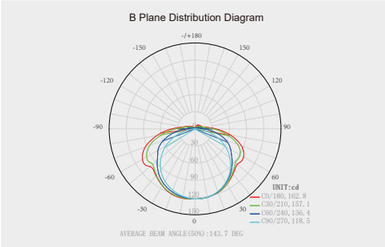
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

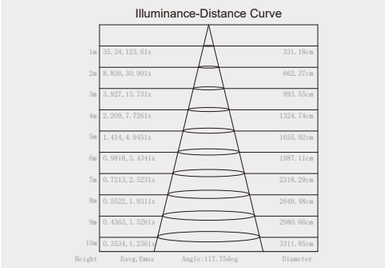


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNSF24480T00-8A19	14.4	2700	90	1296	>90/>40	/	/	68(20/54/66/67)
CLT-INSF24480T00-8A19	14.4	3000						
CLT-DNSF24480T00-8A19	14.4	4000						
CLT-WNSF24480T00-8A19	14.4	6500						







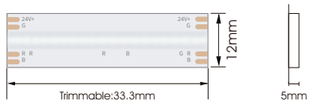
15W 540LED/m IP68 24V RGB

Electrical Data

Light Beads	: CSP
Number Led/M	: 540pcs
Power W/m±10%	: 15W
Voltage	: 24V
PCB Width	: 10mm
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 33.3mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



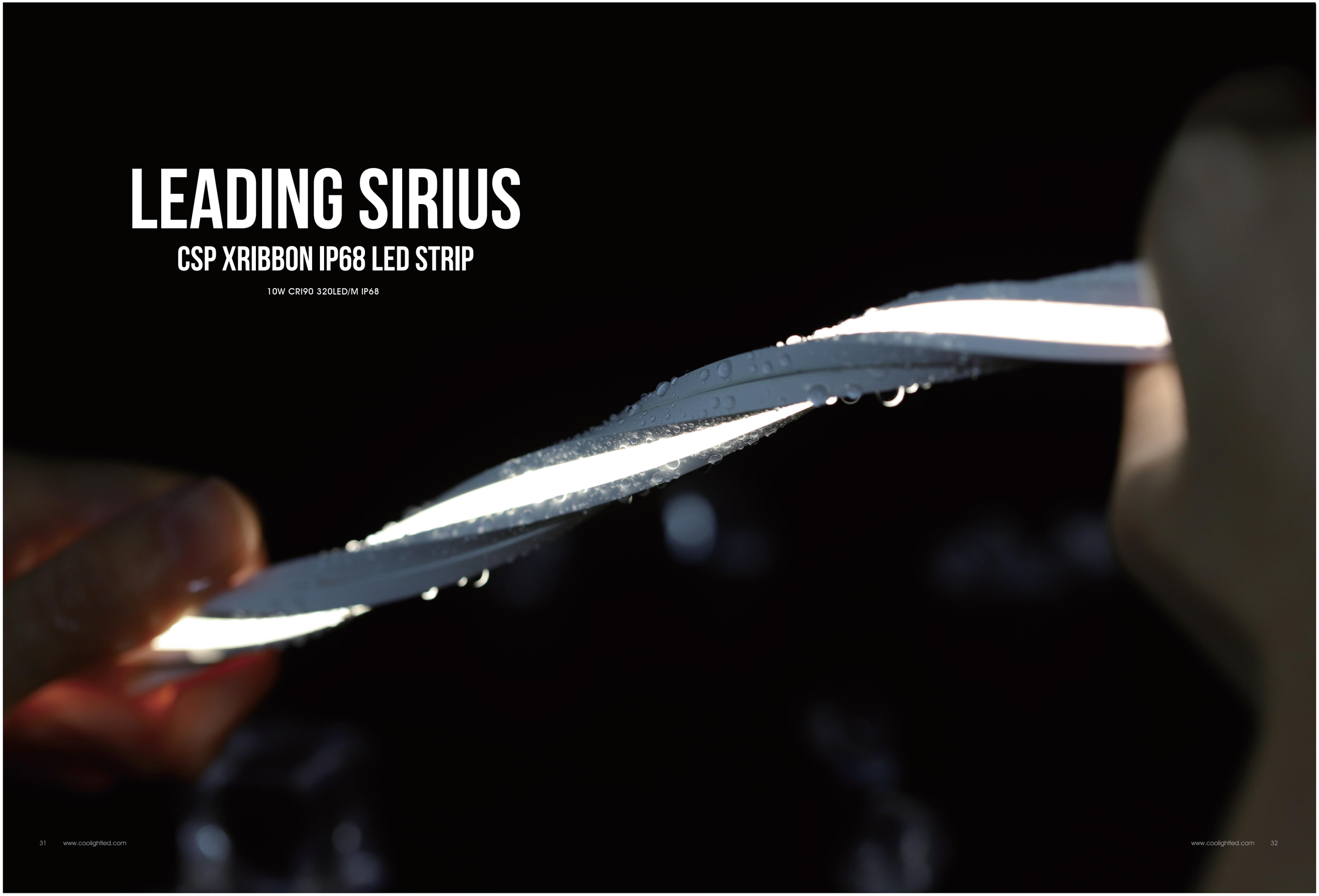
Product parameters

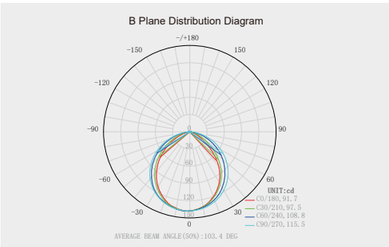
Part No.CTL	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-W2SF24540T00-0A20	6	24	R	620-630	145	/	/	/	68
	4.5	24	G	520-530	335	/	/	/	68
	4.5	24	B	455-465	70	/	/	/	68
	15	24	RGB	/	545	/	/	/	68

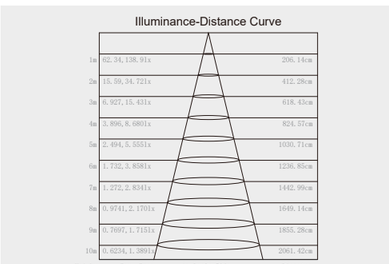
LEADING SIRIUS

CSP XRIBBON IP68 LED STRIP

10W CRI90 320LED/M IP68







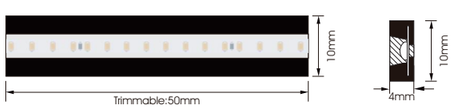
10W CRI90 320LED/m IP68

Electrical Data

Light Beads	: CSP
Number Led/M	: 320pcs
Power W/m±10%	: 10W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

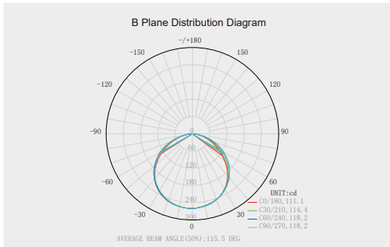
Standards / Normative Requirements

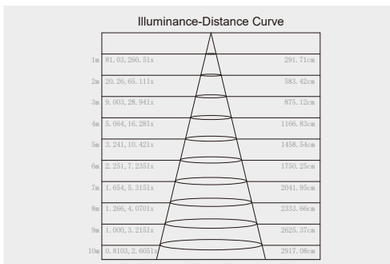
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNMF24320T00-8A19	10	2700	30	300	>90/>40	/	/	68
CLT-INMF24320T00-8A19	10	3000						
CLT-DNMF24320T00-8A19	10	4000						
CLT-WNMF24320T00-8A19	10	6500						





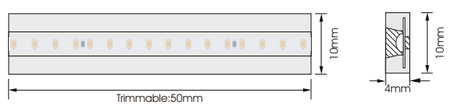
10W CRI90 320LED/m IP68

Electrical Data

Light Beads	: CSP
Number Led/M	: 320pcs
Power W/m±10%	: 10W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNMF24320T00-8A19	10	2700	75	750	>90/>40	/	/	68
CLT-INMF24320T00-8A19	10	3000						
CLT-DNMF24320T00-8A19	10	4000						
CLT-WNMF24320T00-8A19	10	6500						

APPLICATION SCENARIOS

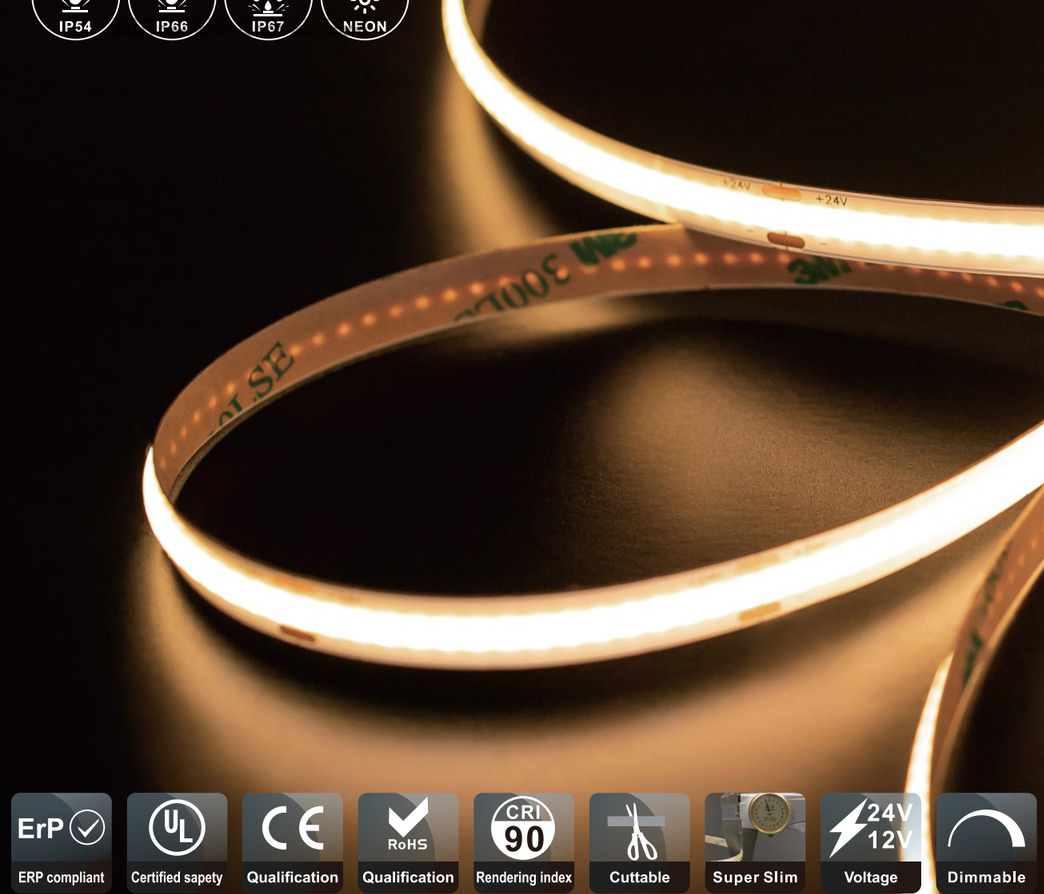
BEYOND SERIES

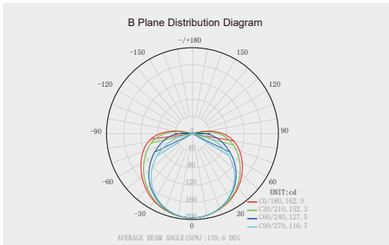
COB /FOB LED STRIP

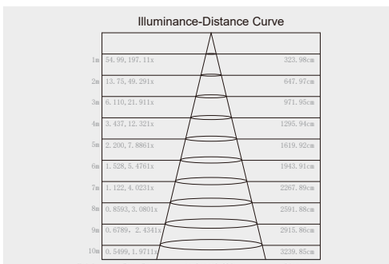
8W CRI90 320LED/m IP20 F/G

11W CRI90 384LED/m IP20 F

11W CRI90 480LED/m IP20 F







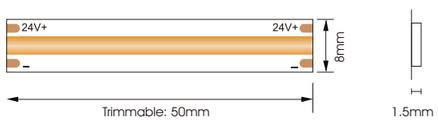
8W CRI90 320LED/m IP20 F/G

Electrical Data

Number Led/M	: 320pcs
Power W/m±10%	: 8W
Voltage	: 12 / 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

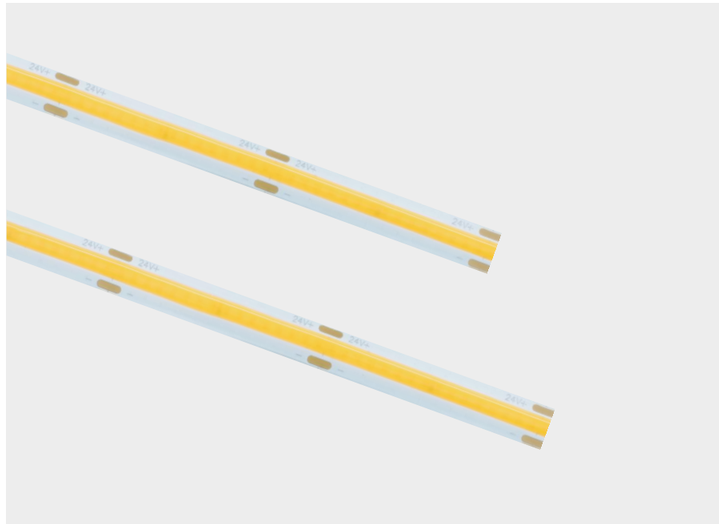
Standards / Normative Requirements

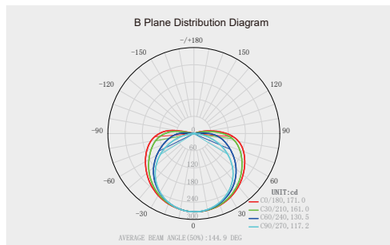
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

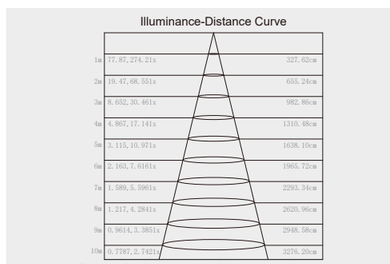


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24320T00-8A29	8	2700	75	600	>90/>40	G	≤5	20(54/66/67)
CLT-INNF24320T00-8A29	8	3000	80	640	>90/>40	G	≤5	20(54/66/67)
CLT-DNNF24320T00-8A29	8	4000	95	760	>90/>40	F	≤5	20(54/66/67)
CLT-WNNF24320T00-8A29	8	6500	95	760	>90/>40	F	≤5	20(54/66/67)







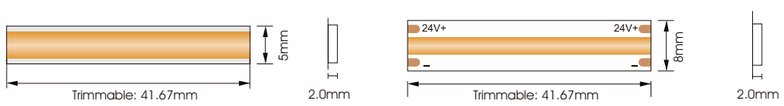
11W CRI90 384LED/m IP20 F

Electrical Data

Number Led/M	: 384pcs
Power W/m±10%	: 11W
Voltage	: 12 / 24V
PCB Width	: 5mm / 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

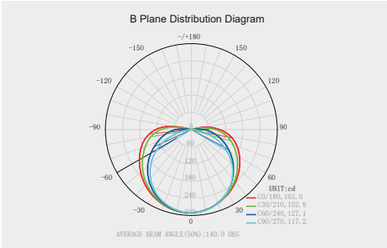
Standards / Normative Requirements

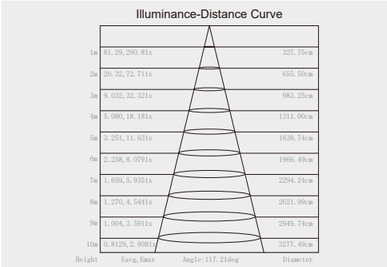
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24384T00-8A29	11	2700	92	1012	>90/>40	F	≤5	20(54/66/67)
CLT-INNF24384T00-8A29	11	3000	92	1012	>90/>40	F	≤5	20(54/66/67)
CLT-DNNF24384T00-8A29	11	4000	105	1154	>90/>40	F	≤5	20(54/66/67)
CLT-WNNF24384T00-8A29	11	6500	110	1210	>90/>40	F	≤5	20(54/66/67)





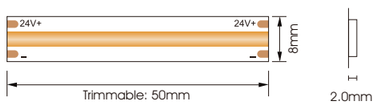
11W CRI90 480LED/m IP20 F

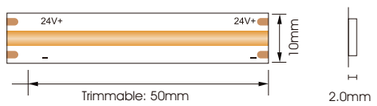
Electrical Data

Number Led/M	: 480pcs
Power W/m±10%	: 11W
Voltage	: 12 / 24V
PCB Width	: 8mm / 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 5mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes





Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24480T00-8A39	11	2700	92	1012	>90/>40	F	≤5	20(54/66/67)
CLT-INNF24480T00-8A39	11	3000	92	1012	>90/>40	F	≤5	20(54/66/67)
CLT-DNNF24480T00-8A39	11	4000	105	1154	>90/>40	F	≤5	20(54/66/67)
CLT-WNNF24480T00-8A39	11	6500	110	1210	>90/>40	F	≤5	20(54/66/67)

BLOOM SERIES

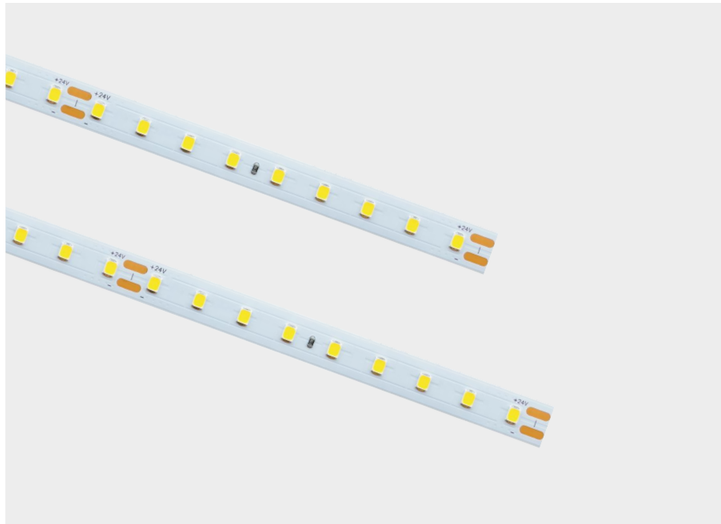
HIGH EFFICIENCY 2835 LED STRIP

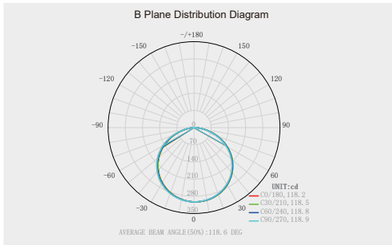
NEW

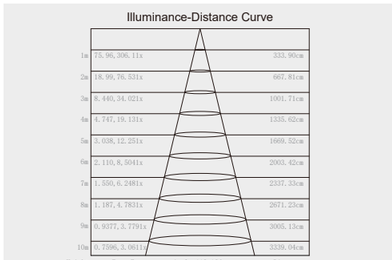
4.5W CRI80 90LED/m IP20 B/C
9W CRI80 180LED/m IP20 B/C
4.5W CRI90 90LED/m IP20 C
9W CRI90 180LED/m IP20 C
4.8W CRI80 64LED/m IP20 E
9.6W CRI80 80LED/m IP20 E
9.6W CRI80 128LED/m IP20 E
14.4W CRI80 128LED/m IP20 E
14.4W CRI80 160LED/m IP20 E
19.2W CRI80 160LED/m IP20 E
4.8W CRI90 64LED/m IP20 E/F
9.6W CRI90 80LED/m IP20 E/F
9.6W CRI90 128LED/m IP20 E/F
14.4W CRI90 128LED/m IP20 E/F
14.4W CRI90 160LED/m IP20 E/F
19.2W CRI90 160LED/m IP20 F
DIM TO WARM LED Strip F
12V/24V Mini cut LED strip E/F
24V 8mm CCT Tunable LED strip F (2 Cable Tech)
12V 8mm CCT Tunable LED Strip G (3 Cable Tech)
24V 8mm CCT Tunable LED Strip F (3 Cable Tech)
12V 10mm CCT Tunable LED Strip G (3 Cable Tech)
24V 10mm CCT Tunable LED Strip F(3 Cable Tech)
28.8W CRI80 256LED/m IP20 Strip E

Waterproof IP54 | Waterproof IP66 | Waterproof IP67 | Waterproof NEON

ErP compliant | Certified sapety | Qualification | Qualification | Cuttable | 24V Voltage | Dimmable | 80 LM







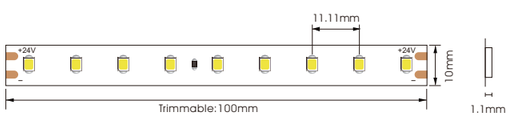
4.5W CRI80 90LED/m IP20 B/C

Electrical Data

Light Beads	: 2835
Number Led/M	: 90pcs
Power W/m±10%	: 4.5W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >80
Standard length(10% voltage drop)	: 5m
Cut Size	: 100mm

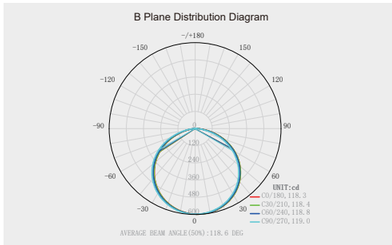
Standards / Normative Requirements

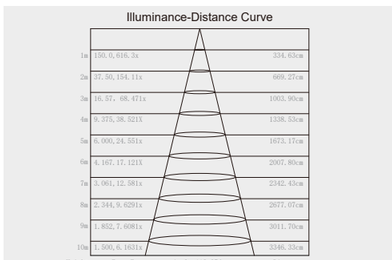
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24090T09-0A28	4.5	2700	187	840	>80/>0	C	≤3	20(54/66/67/)
CLT-INNF24090T09-0A28	4.5	3000	190	856	>80/>0	C	≤3	20(54/66/67/)
CLT-DNNF24090T09-0A28	4.5	4000	200	900	>80/>0	B	≤3	20(54/66/67/)
CLT-WNNF24090T09-0A28	4.5	6500	200	900	>80/>0	B	≤3	20(54/66/67/)





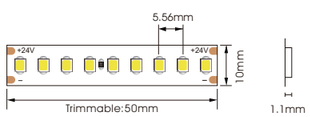
9W CRI80 180LED/m IP20 B/C

Electrical Data

Light Beads	: 2835
Number Led/M	: 180pcs
Power W/m±10%	: 9W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >80
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

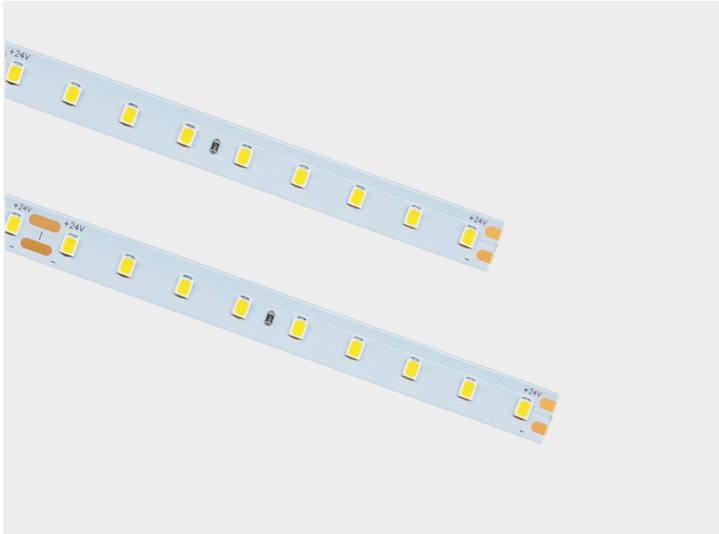
Standards / Normative Requirements

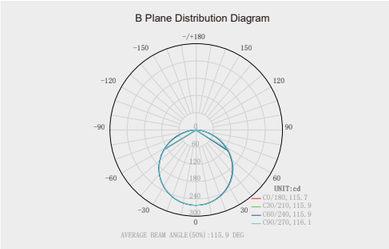
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

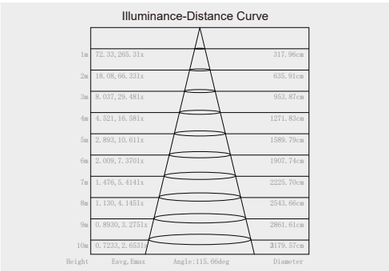


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24180T09-0A28	9	2700	184	1660	>80/>0	C	≤3	20(54/66/67/)
CLT-INNF24180T09-0A28	9	3000	184	1664	>80/>0	C	≤3	20(54/66/67/)
CLT-DNNF24180T09-0A28	9	4000	200	1800	>80/>0	B	≤3	20(54/66/67/)
CLT-WNNF24180T09-0A28	9	6500	200	1800	>80/>0	B	≤3	20(54/66/67/)







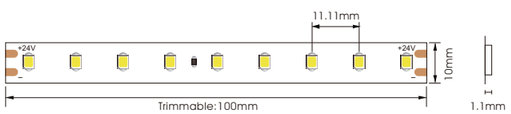
4.5W CRI90 90LED/m IP20 C

Electrical Data

Light Beads	: 2835
Number Led/M	: 90pcs
Power W/m±10%	: 4.5W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 100mm

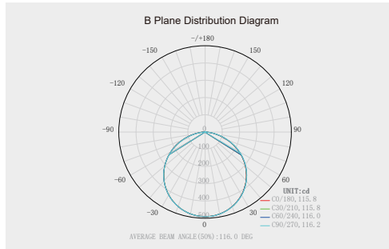
Standards / Normative Requirements

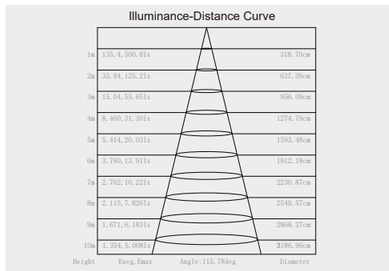
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24090T09-0A29	4.5	2700	178	800	>90/>40	C	≤3	20(54/66/67/)
CLT-INNF24090T09-0A29	4.5	3000	180	810	>90/>40	C	≤3	20(54/66/67/)
CLT-DNNF24090T09-0A29	4.5	4000	190	856	>90/>40	C	≤3	20(54/66/67/)
CLT-WNNF24090T09-0A29	4.5	6500	190	858	>90/>40	C	≤3	20(54/66/67/)





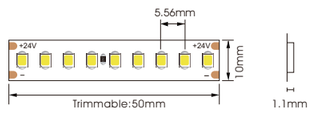
9W CRI90 180LED/m IP20 C

Electrical Data

Light Beads	: 2835
Number Led/M	: 180pcs
Power W/m±10%	: 9W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

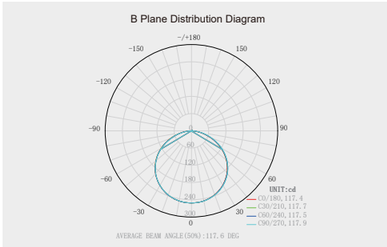
Standards / Normative Requirements

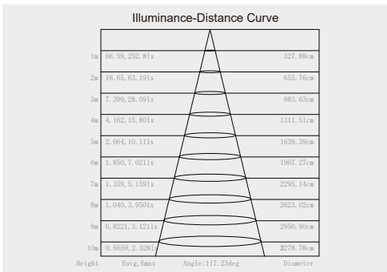
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24180T09-0A29	9	2700	178	1600	>90/>40	C	≤3	20(54/66/67/)
CLT-INNF24180T09-0A29	9	3000	180	1620	>90/>40	C	≤3	20(54/66/67/)
CLT-DNNF24180T09-0A29	9	4000	190	1700	>90/>40	C	≤3	20(54/66/67/)
CLT-WNNF24180T09-0A29	9	6500	190	1700	>90/>40	C	≤3	20(54/66/67/)





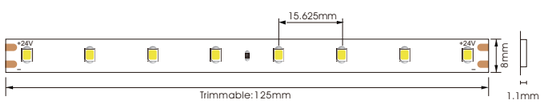
4.8W CRI80 64LED/m IP20 E

Electrical Data

Light Beads	: 2835
Number Led/M	: 64pcs
Power W/m±10%	: 4.8W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >80
Standard length(10% voltage drop)	: 5m
Cut Size	: 125mm

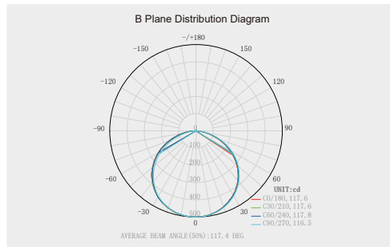
Standards / Normative Requirements

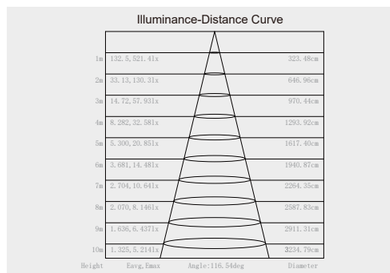
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24064T09-8A38	4.8	2700	138	660	>80/>0	E	≤3	20(54/66/67/)
CLT-INNF24064T09-8A38	4.8	3000	140	672	>80/>0	E	≤3	20(54/66/67/)
CLT-DNNF24064T09-8A38	4.8	4000	145	696	>80/>0	E	≤3	20(54/66/67/)
CLT-WNNF24064T09-8A38	4.8	6500	145	696	>80/>0	E	≤3	20(54/66/67/)





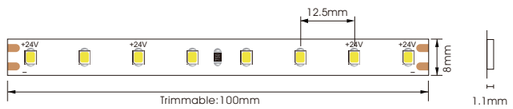
9.6W CRI80 80LED/m IP20 E

Electrical Data

Light Beads	: 2835
Number Led/M	: 80pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >80
Standard length(10% voltage drop)	: 5m
Cut Size	: 100mm

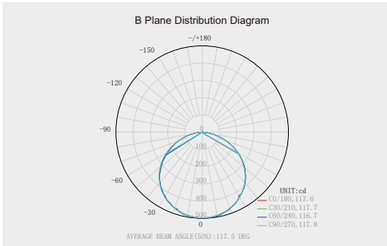
Standards / Normative Requirements

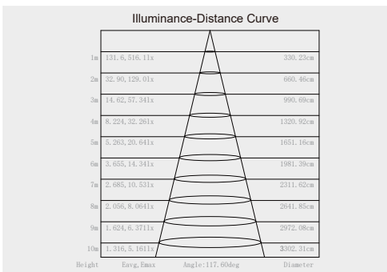
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24080T09-8A28	9.6	2700	135	1296	>80/>0	E	≤3	20(54/66/67/)
CLT-INNF24080T09-8A28	9.6	3000	138	1324	>80/>0	E	≤3	20(54/66/67/)
CLT-DNNF24080T09-8A28	9.6	4000	145	1392	>80/>0	E	≤3	20(54/66/67/)
CLT-WNNF24080T09-8A28	9.6	6500	145	1392	>80/>0	E	≤3	20(54/66/67/)





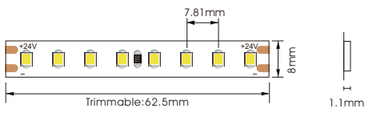
9.6W CRI80 128LED/m IP20 E

Electrical Data

Light Beads	: 2835
Number Led/M	: 128pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >80
Standard length(10% voltage drop)	: 5m
Cut Size	: 62.5mm

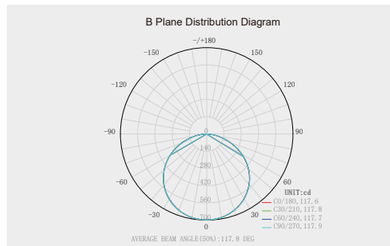
Standards / Normative Requirements

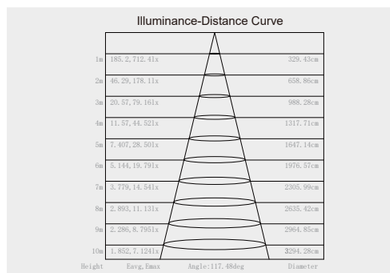
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-KNNF24128T09-8A38	9.6	2700	138	1324	>80/>0	E	≤3	20(54/66/67/)
CLT-INNF24128T09-8A38	9.6	3000	140	1344	>80/>0	E	≤3	20(54/66/67/)
CLT-DNNF24128T09-8A38	9.6	4000	145	1392	>80/>0	E	≤3	20(54/66/67/)
CLT-WNNF24128T09-8A38	9.6	6500	145	1392	>80/>0	E	≤3	20(54/66/67/)





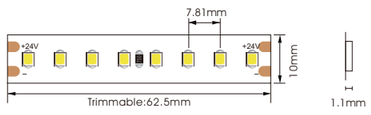
14.4W CRI80 128LED/m IP20 E

Electrical Data

Light Beads	: 2835
Number Led/M	: 128pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >80
Standard length(10% voltage drop)	: 5m
Cut Size	: 62.5mm

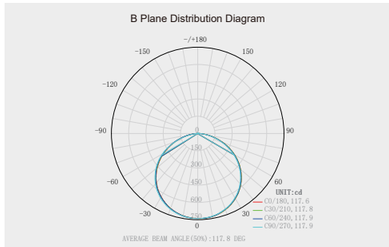
Standards / Normative Requirements

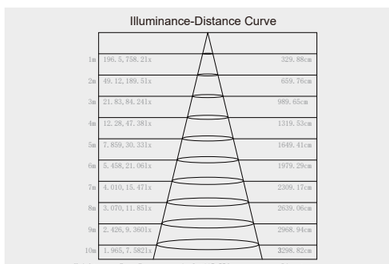
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24128T09-0A48	14.4	2700	140	2016	>80/>0	E	≤3	20(54/66/67/)
CLT-INNF24128T09-0A48	14.4	3000	142	2044	>80/>0	E	≤3	20(54/66/67/)
CLT-DNNF24128T09-0A48	14.4	4000	145	2088	>80/>0	E	≤3	20(54/66/67/)
CLT-WNNF24128T09-0A48	14.4	6500	145	2088	>80/>0	E	≤3	20(54/66/67/)





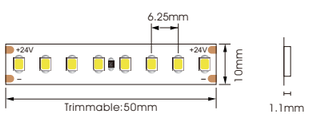
14.4W CRI80 160LED/m IP20 E

Electrical Data

Light Beads	: 2835
Number Led/M	: 160pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >80
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

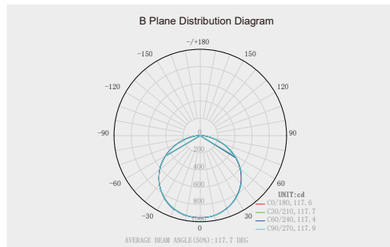
Standards / Normative Requirements

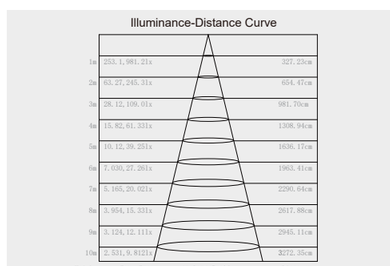
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24160T09-0A38	14.4	2700	140	2016	>80/>0	E	≤3	20(54/66/67/)
CLT-INNF24160T09-0A38	14.4	3000	142	2044	>80/>0	E	≤3	20(54/66/67/)
CLT-DNNF24160T09-0A38	14.4	4000	145	2088	>80/>0	E	≤3	20(54/66/67/)
CLT-WNNF24160T09-0A38	14.4	6500	145	2088	>80/>0	E	≤3	20(54/66/67/)





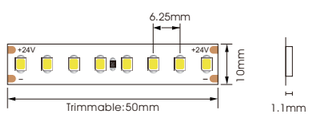
19.2W CRI80 160LED/m IP20 E

Electrical Data

Light Beads	: 2835
Number Led/M	: 160pcs
Power W/m±10%	: 19.2W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >80
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

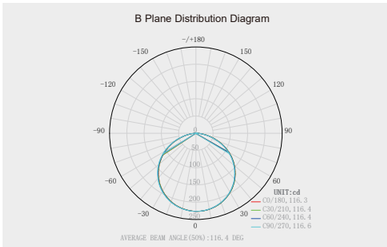
Standards / Normative Requirements

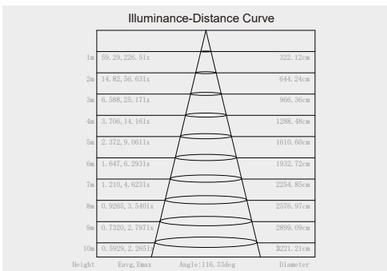
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24160T09-0A48	19.2	2700	135	2592	>80/>0	E	≤3	20(54/66/67/)
CLT-INNF24160T09-0A48	19.2	3000	138	2650	>80/>0	E	≤3	20(54/66/67/)
CLT-DNNF24160T09-0A48	19.2	4000	145	2784	>80/>0	E	≤3	20(54/66/67/)
CLT-WNNF24160T09-0A48	19.2	6500	145	2784	>80/>0	E	≤3	20(54/66/67/)





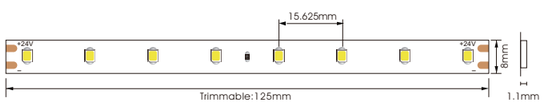
4.8W CRI90 64LED/m IP20 E/F

Electrical Data

Light Beads	: 2835
Number Led/M	: 64pcs
Power W/m±10%	: 4.8W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 125mm

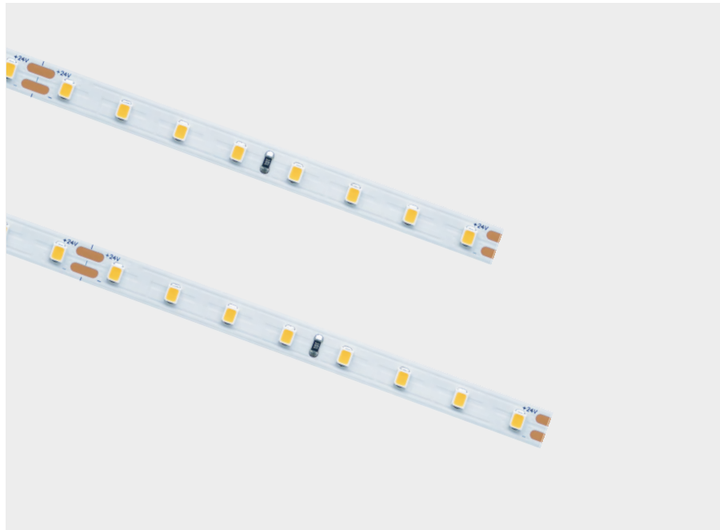
Standards / Normative Requirements

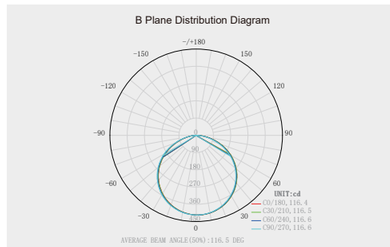
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

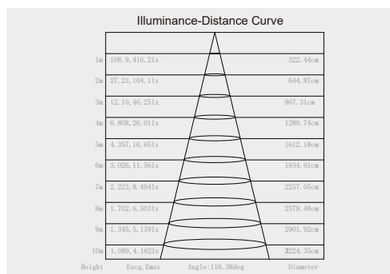


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24064T09-8A39	4.8	2700	115	552	>90/>40	F	≤3	20(54/66/67/)
CLT-INNF24064T09-8A39	4.8	3000	118	566	>90/>40	F	≤3	20(54/66/67/)
CLT-DNNF24064T09-8A39	4.8	4000	125	600	>90/>40	E	≤3	20(54/66/67/)
CLT-WNNF24064T09-8A39	4.8	6500	125	600	>90/>40	E	≤3	20(54/66/67/)







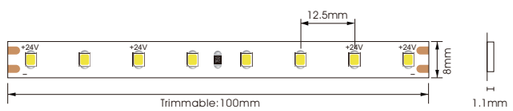
9.6W CRI90 80LED/m IP20 E/F

Electrical Data

Light Beads	: 2835
Number Led/M	: 80pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 100mm

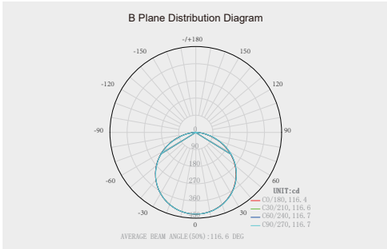
Standards / Normative Requirements

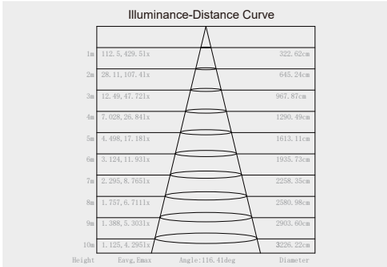
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24080T09-8A49	9.6	2700	110	1056	>90/>40	F	≤3	20(54/66/67/)
CLT-INNF24080T09-8A49	9.6	3000	115	1104	>90/>40	F	≤3	20(54/66/67/)
CLT-DNNF24080T09-8A49	9.6	4000	120	1152	>90/>40	E	≤3	20(54/66/67/)
CLT-WNNF24080T09-8A49	9.6	6500	120	1152	>90/>40	E	≤3	20(54/66/67/)





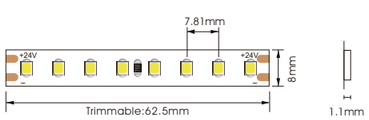
9.6W CRI90 128LED/m IP20 E/F

Electrical Data

Light Beads	: 2835
Number Led/M	: 128pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 62.5mm

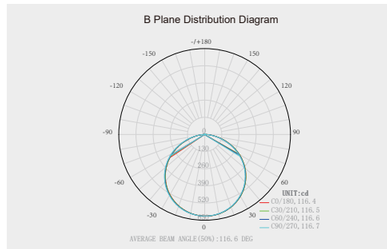
Standards / Normative Requirements

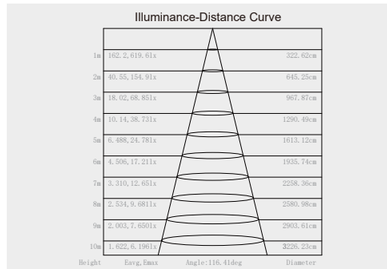
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24128T09-8A39	9.6	2700	115	1104	>90/>40	F	≤3	20(54/66/67/)
CLT-INNF24128T09-8A39	9.6	3000	118	1132	>90/>40	F	≤3	20(54/66/67/)
CLT-DNNF24128T09-8A39	9.6	4000	125	1200	>90/>40	E	≤3	20(54/66/67/)
CLT-WNNF24128T09-8A39	9.6	6500	125	1200	>90/>40	E	≤3	20(54/66/67/)





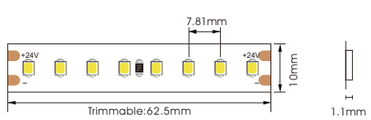
14.4W CRI90 128LED/m IP20 E/F

Electrical Data

Light Beads	: 2835
Number Led/M	: 128pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 62.5mm

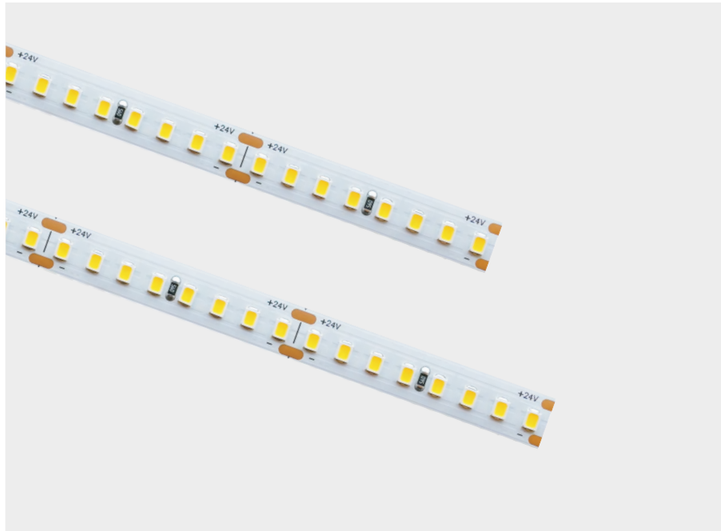
Standards / Normative Requirements

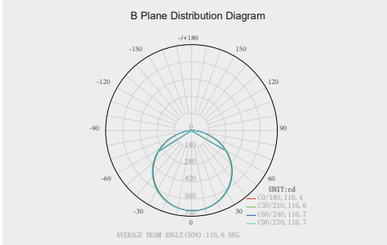
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

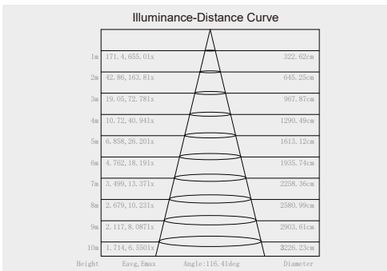


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24128T09-0A39	14.4	2700	110	1584	>90/>40	F	≤3	20(54/66/67/)
CLT-INNF24128T09-0A39	14.4	3000	112	1612	>90/>40	F	≤3	20(54/66/67/)
CLT-DNNF24128T09-0A39	14.4	4000	120	1928	>90/>40	E	≤3	20(54/66/67/)
CLT-WNNF24128T09-0A39	14.4	6500	120	1728	>90/>40	E	≤3	20(54/66/67/)







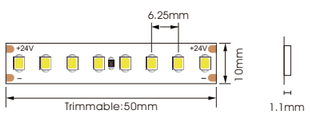
14.4W CRI90 160LED/m IP20 E/F

Electrical Data

Light Beads:	: 2835
Number Led/M	: 160pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

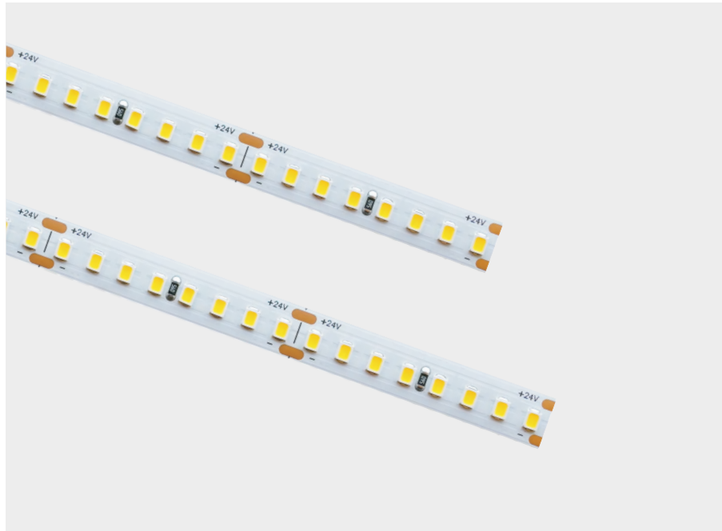
Standards / Normative Requirements

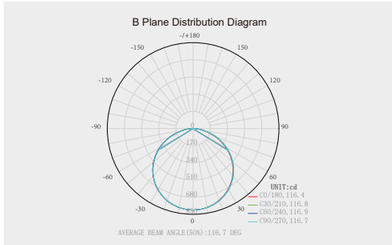
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

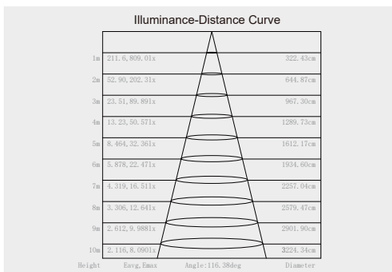


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24160T09-0A39	14.4	2700	110	1584	>90/>40	F	≤3	20(54/66/67/)
CLT-INNF24160T09-0A38	14.4	3000	112	1612	>90/>40	F	≤3	20(54/66/67/)
CLT-DNNF24160T09-0A39	14.4	4000	120	1928	>90/>40	E	≤3	20(54/66/67/)
CLT-WNNF24160T09-0A39	14.4	6500	120	1728	>90/>40	E	≤3	20(54/66/67/)







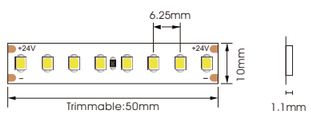
19.2W CRI90 160LED/m IP20 F

Electrical Data

Light Beads	: 2835
Number Led/M	: 160pcs
Power W/m±10%	: 19.2W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

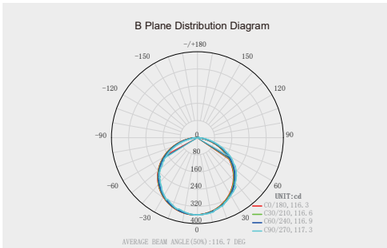
Standards / Normative Requirements

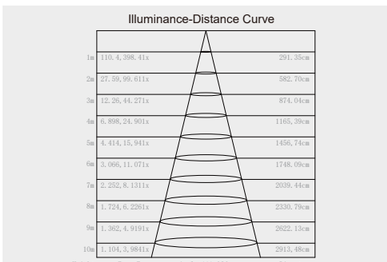
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24160T09-0A39	19.2	2700	105	2016	>90/>40	F	≤3	20(54/66/67/)
CLT-INNF24160T09-0A39	19.2	3000	110	2112	>90/>40	F	≤3	20(54/66/67/)
CLT-DNNF24160T09-0A39	19.2	4000	115	2208	>90/>40	F	≤3	20(54/66/67/)
CLT-WNNF24160T09-0A39	19.2	6500	115	2208	>90/>40	F	≤3	20(54/66/67/)





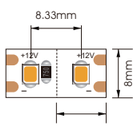
12V Mini cut LED strip E/F

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 9.6W
Voltage	: 12V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 8.33mm

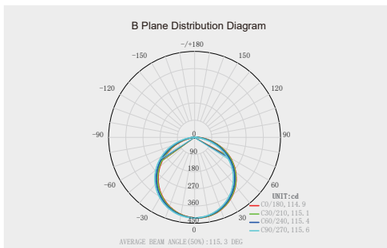
Standards / Normative Requirements

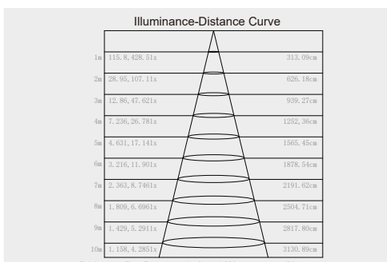
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF12120T09-8A29	9.6	2700	115	1080	>90/>40	F	≤5	20(54/66/67/)
CLT-INNF12120T09-8A29	9.6	3000	115	1100	>90/>40	F	≤5	20(54/66/67/)
CLT-DNNF12120T09-8A29	9.6	4000	125	1200	>90/>40	E	≤5	20(54/66/67/)
CLT-WNNF12120T09-8A29	9.6	6500	125	1200	>90/>40	E	≤5	20(54/66/67/)





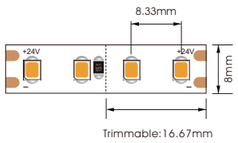
24V Mini cut LED strip E/F

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 16.67mm

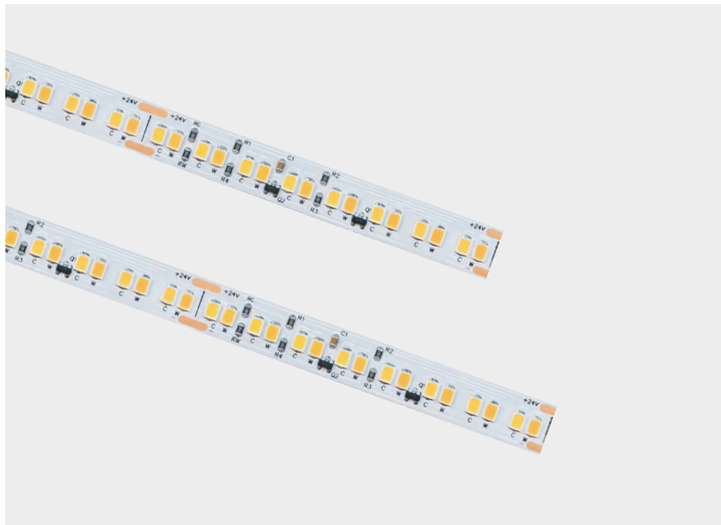
Standards / Normative Requirements

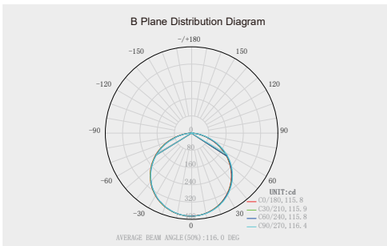
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

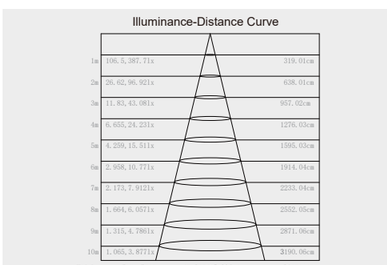


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24120T09-8A29	9.6	2700	115	1080	>90/>40	F	≤5	20(54/66/67/)
CLT-INNF24120T09-8A29	9.6	3000	115	1100	>90/>40	F	≤5	20(54/66/67/)
CLT-DNNF24120T09-8A29	9.6	4000	125	1200	>90/>40	E	≤5	20(54/66/67/)
CLT-WNNF24120T09-8A29	9.6	6500	125	1200	>90/>40	E	≤5	20(54/66/67/)







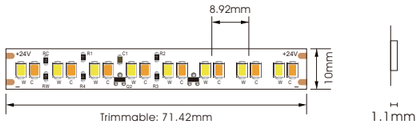
DIM TO WARM LED Strip

Electrical Data

Light Beads	: 2835
Number Led/M	: 224pcs
Power W/m±10%	: 10W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 71.42mm

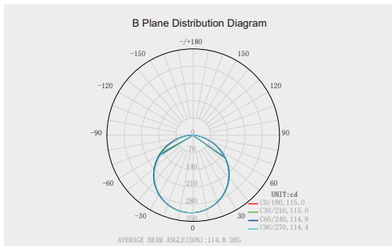
Standards / Normative Requirements

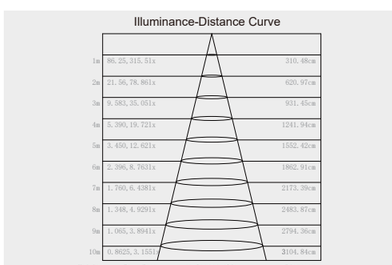
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-PINF24224T09-0A39	10	1800	110	1100	>90/>40	F	≤5	20(54/66/67/)
		3000	110	1100	>90/>40	F	≤5	20(54/66/67/)





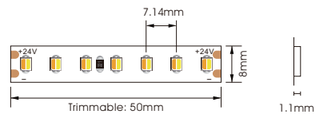
24V 8mm CCT Tunable LED strip F 2 Cable Tech

Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

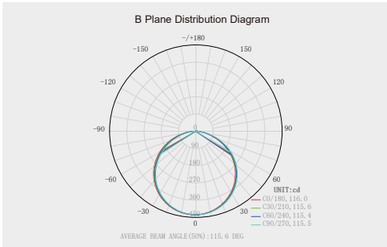
Standards / Normative Requirements

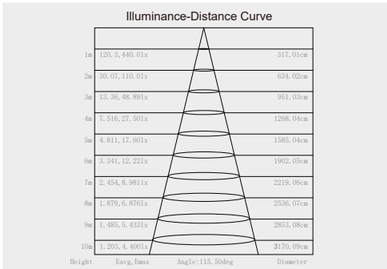
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CL-WINF24140T09-8A29	9.6	2700	90	864	>90/>40	F	≤5	20(54/66/67/)
		6500	100	960	>90/>40	F	≤5	20(54/66/67/)





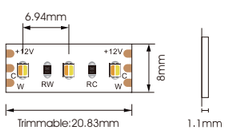
12V 8mm CCT Tunable LED Strip G 3 Cable Tech

Electrical Data

Light Beads	: 2835
Number Led/M	: 144pcs
Power W/m±10%	: 14.4W
Voltage	: 12V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 3m
Cut Size	: 20.83mm

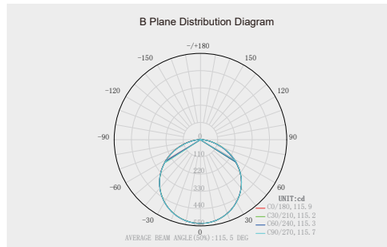
Standards / Normative Requirements

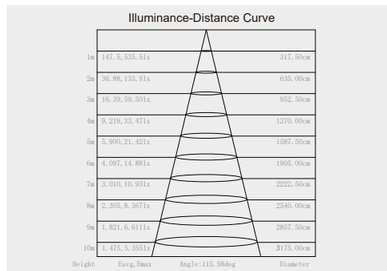
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-WINF12144T09-8A39	7.2+7.2	2700	83	600	>90/>40	G	≤5	20(54/66/67/)
		6500	92	660	>90/>40	G	≤5	20(54/66/67/)





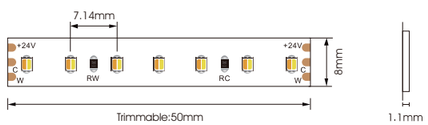
24V 8mm CCT Tunable LED Strip F 3 Cable Tech

Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

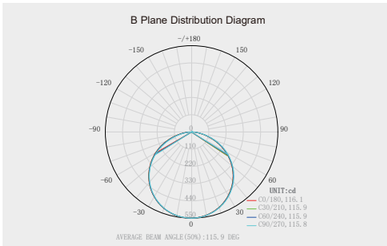
Standards / Normative Requirements

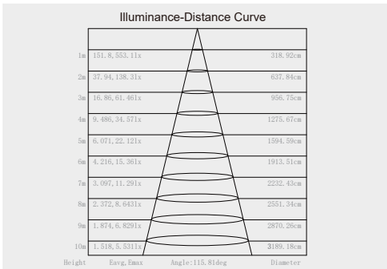
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-WINF24140T09-8A39	7.2+7.2	2700	100	720	>90/>40	F	≤5	20(54/66/67/)
		6500	108	780	>90/>40	F	≤5	20(54/66/67/)





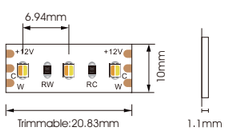
12V 10mm CCT Tunable LED Strip G 3 Cable Tech

Electrical Data

Light Beads	: 2835
Number Led/M	: 144pcs
Power W/m±10%	: 19.2W
Voltage	: 12V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 20.83mm

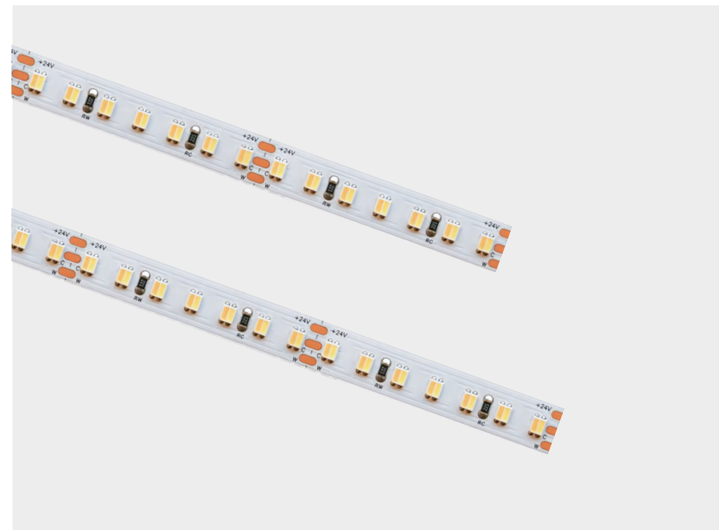
Standards / Normative Requirements

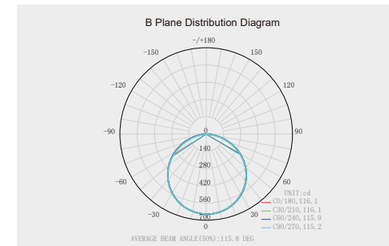
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

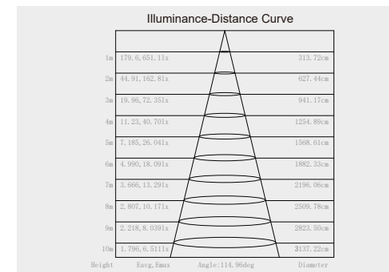


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-WINF12144T09-0A49	9.6+9.6	2700	76	730	>90/>40	G	≤5	20(54/66/67/)
		6500	83	800	>90/>40	G	≤5	20(54/66/67/)







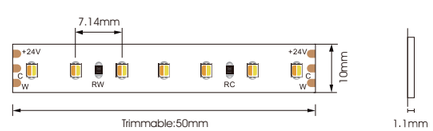
24V 10mm CCT Tunable LED Strip F 3 Cable Tech

Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 19.2W
Voltage	: 24V
PCB Width	: 10 mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

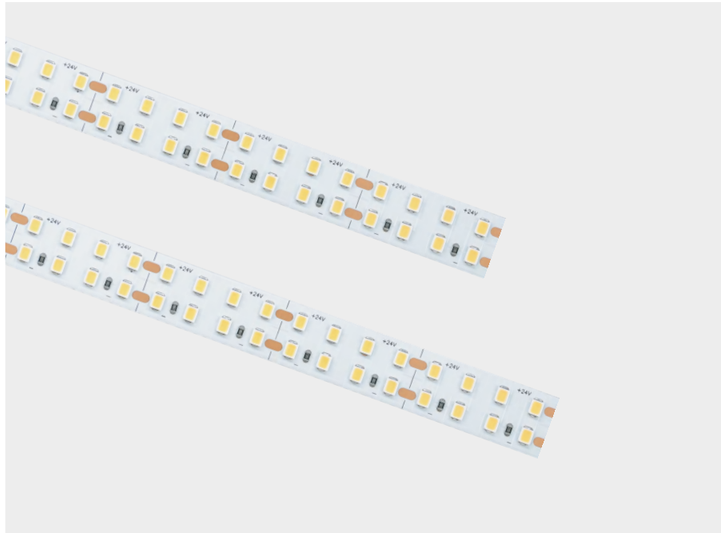
Standards / Normative Requirements

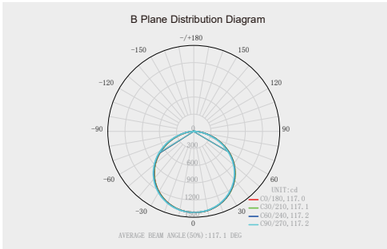
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

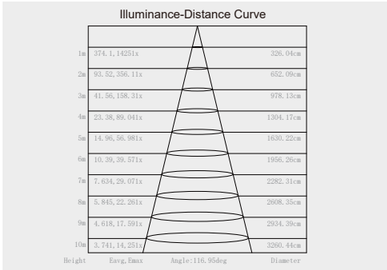


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-WINF24140T09-0A39	9.6+9.6	2700	92	890	>90/>40	F	≤5	20(54/66/67/)
		6500	102	980	>90/>40	F	≤5	20(54/66/67/)







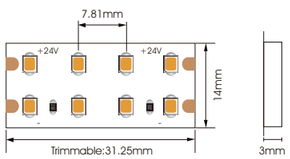
28.8W CRI80 256LED/m IP20 Strip E

Electrical Data

Light Beads	: 2835
Number Led/M	: 256pcs
Power W/m±10%	: 28.8W
Voltage	: 24V
PCB Width	: 14mm
CRI	: >80
Standard length(10% voltage drop)	: 5m
Cut Size	: 31.25mm

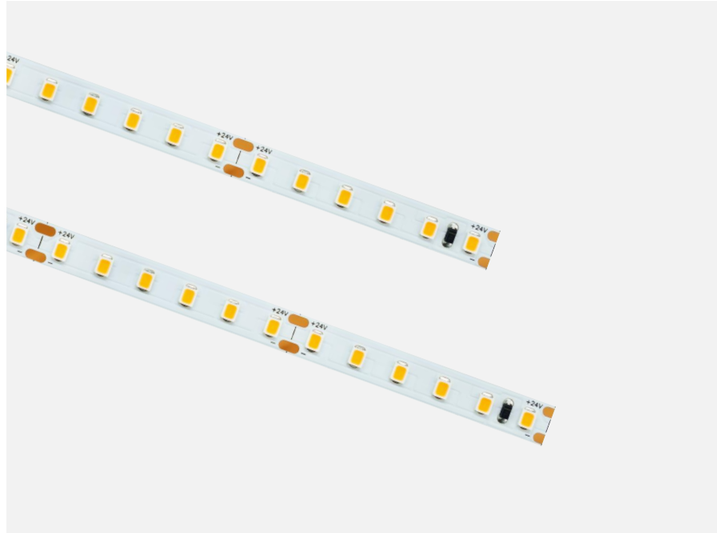
Standards / Normative Requirements

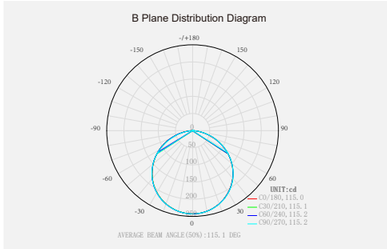
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

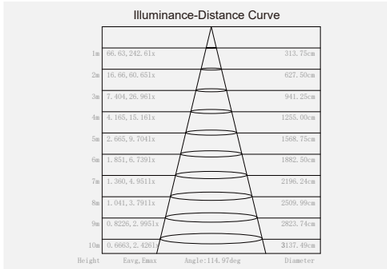


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24256T09-4B28	28.8	2700	136	3916	>80/>0	E	≤5	20(54/66/67/)
CLT-INNF24256T09-4B28	28.8	3000	140	4032	>80/>0	E	≤5	20(54/66/67/)
CLT-DNNF24256T09-4B28	28.8	4000	146	4204	>80/>0	E	≤5	20(54/66/67/)
CLT-WNNF24256T09-4B28	28.8	6500	146	4204	>80/>0	E	≤5	20(54/66/67/)







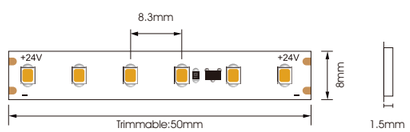
7.2W CRI90 120LED/m IP20 F/G

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 7.2W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Max length(10% voltage drop)	: 5m
Cut Size	: 50mm

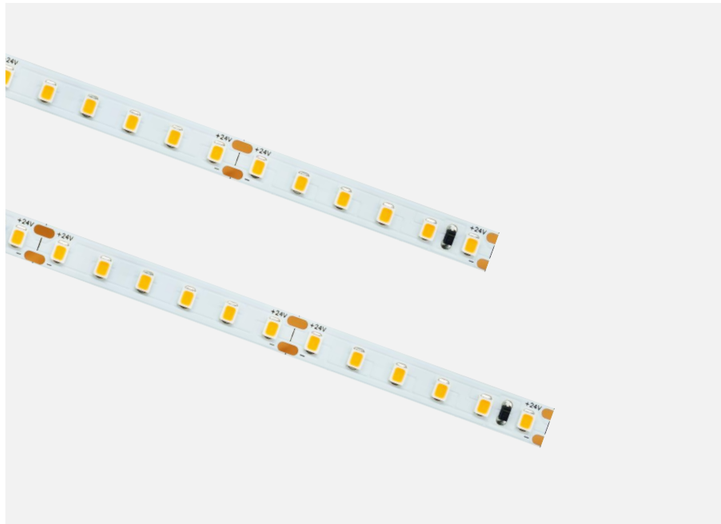
Standards / Normative Requirements

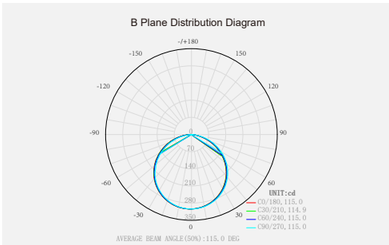
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

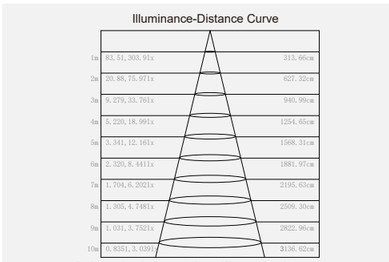


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24120T09-8A29	7.2	2700	86	620	>90/>40	G	≤3	20(54/66/67)
CLT-INNF24120T09-8A29	7.2	3000	89	640	>90/>40	G	≤3	20(54/66/67)
CLT-DNNF24120T09-8A29	7.2	4000	94	680	>90/>40	F	≤3	20(54/66/67)
CLT-WNNF24120T09-8A29	7.2	6500	94	680	>90/>40	F	≤3	20(54/66/67)







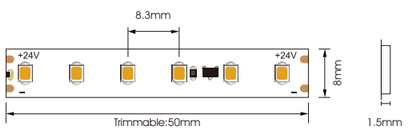
9.6W CRI90 120LED/m IP20 G

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Max length(10% voltage drop)	: 5m
Cut Size	: 50mm

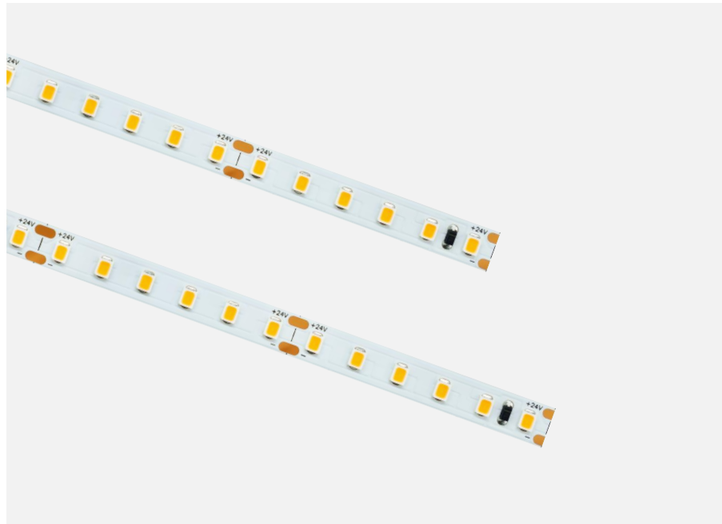
Standards / Normative Requirements

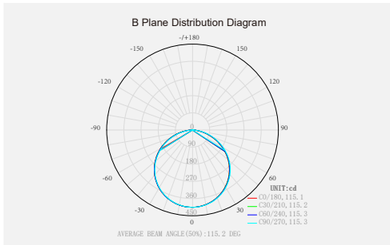
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

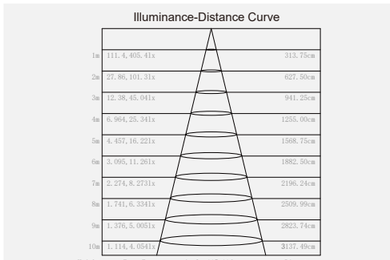


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24120T09-8A29	9.6	2700	83	800	>90/>40	G	≤3	20(54/66/67)
CLT-INNF24120T09-8A29	9.6	3000	88	840	>90/>40	G	≤3	20(54/66/67)
CLT-DNNF24120T09-8A29	9.6	4000	92	880	>90/>40	G	≤3	20(54/66/67)
CLT-WNNF24120T09-8A29	9.6	6500	92	880	>90/>40	G	≤3	20(54/66/67)







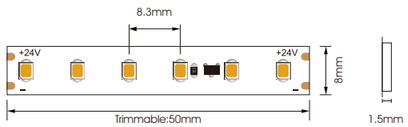
13W CRI90 120LED/m IP20 G

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 13W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Max length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24120T09-8A39	13	2700	85	1110	>90/>40	G	≤3	20(54/66/67)
CLT-INNF24120T09-8A39	13	3000	85	1110	>90/>40	G	≤3	20(54/66/67)
CLT-DNNF24120T09-8A39	13	4000	88	1160	>90/>40	G	≤3	20(54/66/67)
CLT-WNNF24120T09-8A39	13	6500	88	1160	>90/>40	G	≤3	20(54/66/67)

APPLICATION SCENARIOS

BLOOM SERIES

2835 SMD FULL SPECTRUM

4.8W CRI95 R1-R15＞90 80LED/m IP20 F

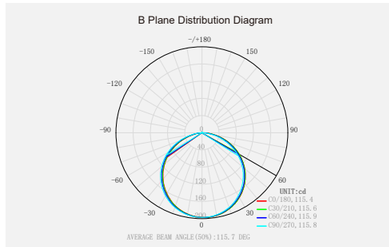
9.6W CRI95 R1-R15＞90 160LED/m IP20 F

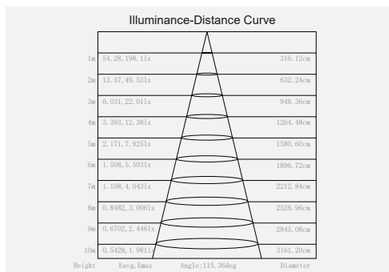
14.4W CRI95 R1-R15＞90 80LED/m IP20 F

19.2W CRI95 R1-R15＞90 160LED/m IP20 F

Waterproof IP54 | Waterproof IP66 | Waterproof IP67 | Waterproof NEON

ErP ERP compliant | UL Certified sapety | CE Qualification | RoHS Qualification | Cuttable | 24V Voltage | Dimmable





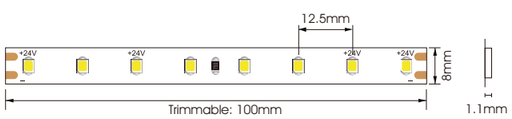
4.8W CRI95 R1-R15＞90 80LED/m IP20 F

Electrical Data

Light Beads	: 2835
Number Led/M	: 80pcs
Power W/m±10%	: 4.8W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >95
Standard length(10% voltage drop)	: 5m
Cut Size	: 100mm

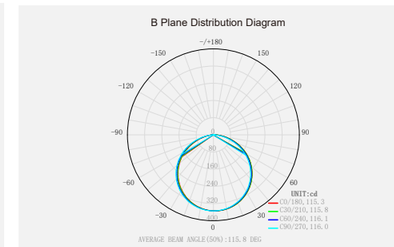
Standards / Normative Requirements

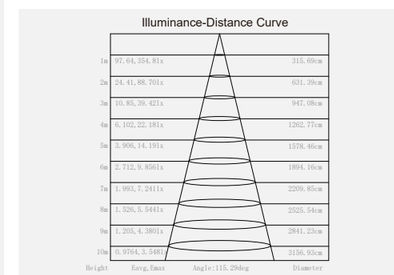
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF2480T09-8A26	4.8	2700	100	480	>95/>90	F	≤5	20(54/66/67)
CLT-INNF2480T09-8A26	4.8	3000	110	528	>95/>90	F	≤5	20(54/66/67)
CLT-DNNF2480T09-8A26	4.8	4000	115	552	>95/>90	F	≤5	20(54/66/67)





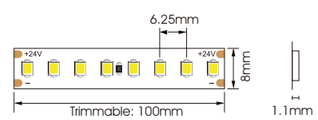
9.6W CRI95 R1-R15＞90 160LED/m IP20 F

Electrical Data

Light Beads	: 2835
Number Led/M	: 160pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >95
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

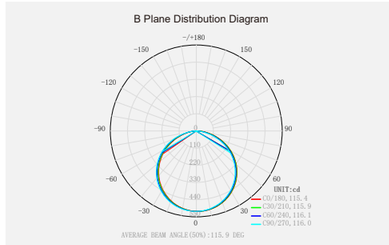
Standards / Normative Requirements

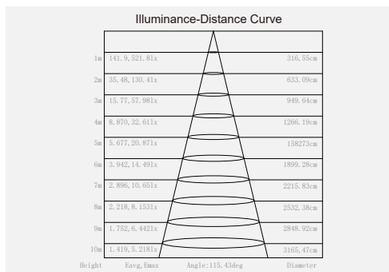
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24160T09-8A26	9.6	2700	100	960	>95/>90	F	≤5	20(54/66/67)
CLT-INNF24160T09-8A26	9.6	3000	110	1056	>95/>90	F	≤5	20(54/66/67)
CLT-DNNF24160T09-8A26	9.6	4000	115	1104	>95/>90	F	≤5	20(54/66/67)





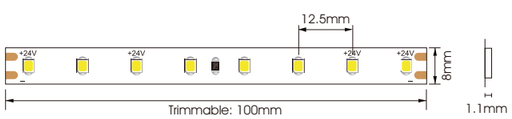
14.4W CRI95 R1-R15＞90 80LED/m IP20 F

Electrical Data

Light Beads	: 2835
Number Led/M	: 80pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: ＞95
Standard length(10% voltage drop)	: 5m
Cut Size	: 100mm

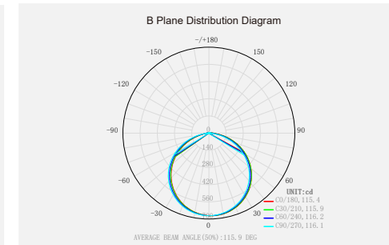
Standards / Normative Requirements

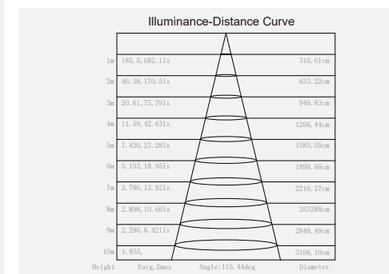
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24080T09-8A66	14.4	2700	95	1368	>95/>90	F	≤5	20(54/66/67)
CLT-INNF24080T09-8A66	14.4	3000	100	1440	>95/>90	F	≤5	20(54/66/67)
CLT-DNNF24080T09-8A66	14.4	4000	105	1512	>95/>90	F	≤5	20(54/66/67)





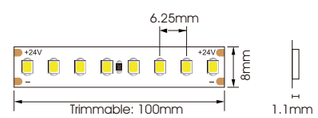
19.2W CRI95 R1-R15＞90 160LED/m IP20 F

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: ＞90
Max length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24160T09-8A26	19.2	2700	95	1824	>95/>90	F	≤5	20(54/66/67)
CLT-INNF24160T09-8A26	19.2	3000	100	1920	>95/>90	F	≤5	20(54/66/67)
CLT-DNNF24160T09-8A26	19.2	4000	105	2016	>95/>90	F	≤5	20(54/66/67)

APPLICATION SCENARIOS

BLOOM SERIES

ULTRA-NARROW LED STRIP

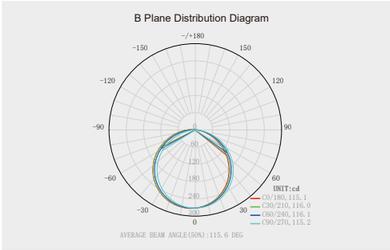
2110 9.6W CRI90 168LED/m IP20 G

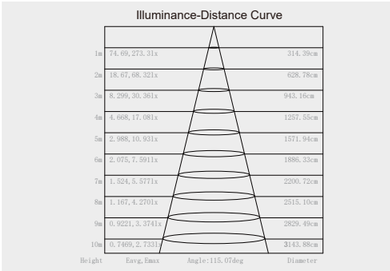
2835 9.6W CRI90 140LED/m IP20 G

2835 9.6W CRI90 144LED/m IP20 G

Waterproof IP54 | Waterproof IP66 | Waterproof IP67 | Waterproof NEON

ErP ERP compliant | UL Certified sapety | CE Qualification | RoHS Qualification | Cuttable | 24V Voltage | Dimmable





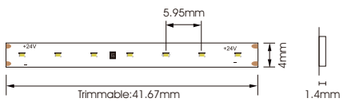
9.6W CRI90 168LED/m IP20 G

Electrical Data

Light Beads	: 2110
Number Led/M	: 168pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 4mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 41.67mm

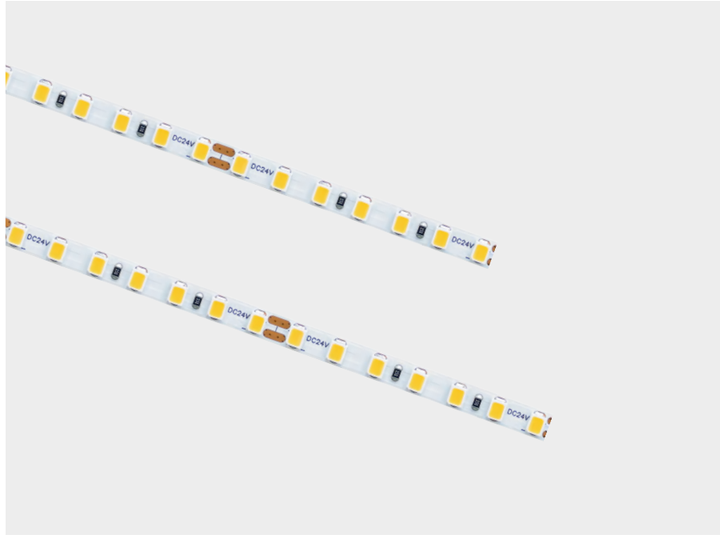
Standards / Normative Requirements

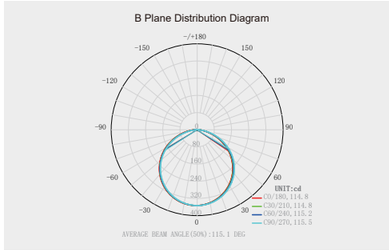
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

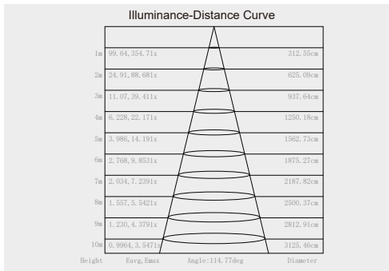


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24168T10-BA39	9.6	2700	77	740	>90/>40	G	≤5	20(54/66/67)
CLT-INNF24168T10-BA39	9.6	3000	80	760	>90/>40	G	≤5	20(54/66/67)
CLT-DNNF24168T10-BA39	9.6	4000	85	820	>90/>40	G	≤5	20(54/66/67)
CLT-WNNF24168T10-BA39	9.6	6500	85	820	>90/>40	G	≤5	20(54/66/67)







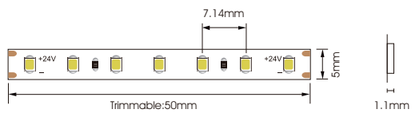
9.6W CRI90 140LED/m IP20 G

Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 5mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

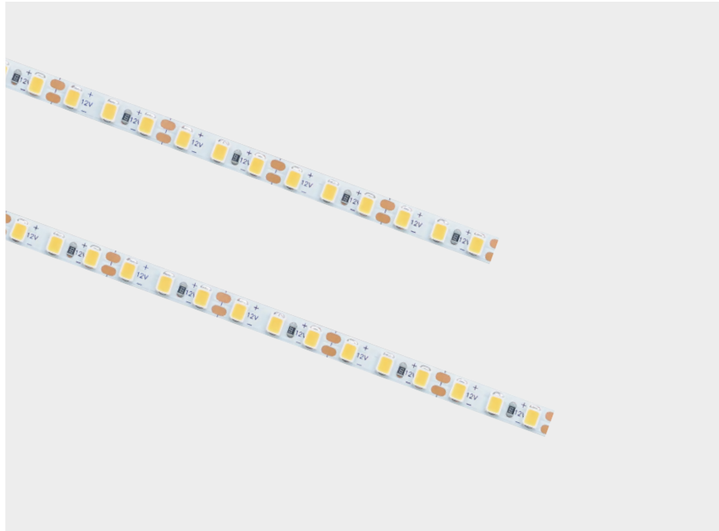
Standards / Normative Requirements

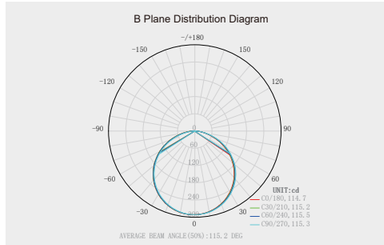
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

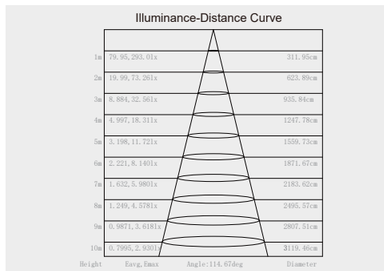


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24140T09-5A29	9.6	2700	76	730	>90/>40	G	≤5	20(54/66/67)
CLT-INNF24140T09-5A29	9.6	3000	78	750	>90/>40	G	≤5	20(54/66/67)
CLT-DNNF24140T09-5A29	9.6	4000	83	800	>90/>40	G	≤5	20(54/66/67)
CLT-WNNF24140T09-5A29	9.6	6500	83	800	>90/>40	G	≤5	20(54/66/67)







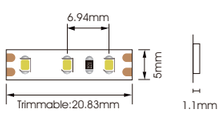
9.6W CRI90 144LED/m IP20 G

Electrical Data

Light Beads	: 2835
Number Led/M	: 144pcs
Power W/m±10%	: 9.6W
Voltage	: 12V
PCB Width	: 5mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 20.83mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF12144T09-5A29	9.6	2700	77	740	>90/>40	G	≤5	20(54/66/67)
CLT-INNF12144T09-5A29	9.6	3000	80	770	>90/>40	G	≤5	20(54/66/67)
CLT-DNNF12144T09-5A29	9.6	4000	85	820	>90/>40	G	≤5	20(54/66/67)
CLT-WNNF12144T09-5A29	9.6	6500	85	820	>90/>40	G	≤5	20(54/66/67)

HONOR SERIES

2216 LED STRIP

4.8W CRI90 70LED/m IP20 F

9.6W CRI90 140LED/m IP20 F

14.4W CRI90 210LED/m IP20 F

19.2W CRI90 280LED/m IP20 F

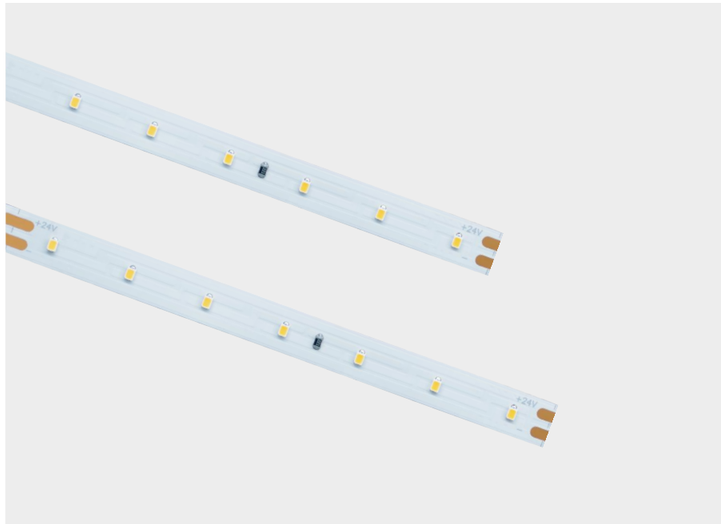
19.2W CRI90 240LED/m IP20

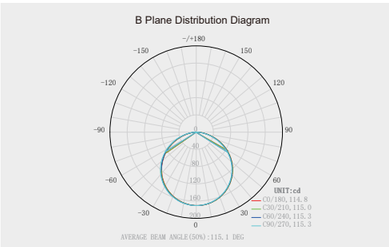
24W CRI90 300LED/m IP20

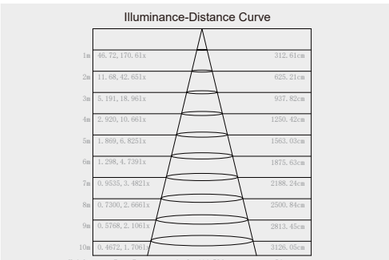
24W CRI90 350LED/m IP20

Waterproof IP54 | Waterproof IP66 | Waterproof IP67 | Waterproof NEON

ErP compliant | Certified sapety | Qualification | Qualification | Cuttable | 24V Voltage | Dimmable | 80 LM







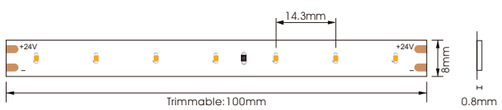
4.8W CRI90 70LED/m IP20 F

Electrical Data

Light Beads	: 2216
Number Led/M	: 70pcs
Power W/m±10%	: 4.8W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 100mm

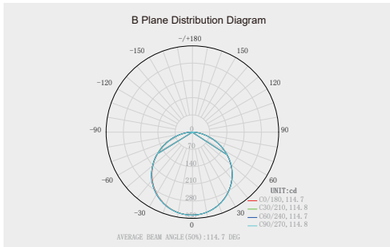
Standards / Normative Requirements

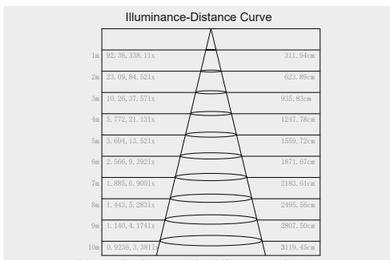
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-KNNF24070T16-8A29	4.8	2700	96	460	>90/>40	F	≤5	20(54/66/67/68)
CLT-INNF24070T16-8A29	4.8	3000	98	470	>90/>40	F	≤5	20(54/66/67/68)
CLT-DNNF24070T16-8A29	4.8	4000	104	500	>90/>40	F	≤5	20(54/66/67/68)
CLT-WNNF24070T16-8A29	4.8	6000	104	500	>90/>40	F	≤5	20(54/66/67/68)





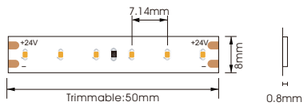
9.6W CRI90 140LED/m IP20 F

Electrical Data

Light Beads	: 2216
Number Led/M	: 140pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

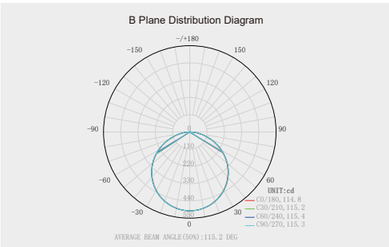
Standards / Normative Requirements

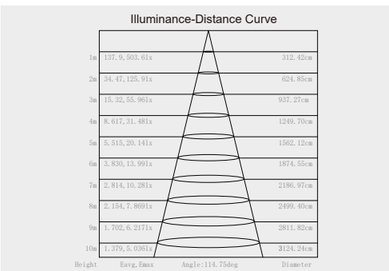
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-KNNF24140T16-8A29	9.6	2700	93	892	>90/>40	F	≤5	20(54/66/67/68)
CLT-INNF24140T16-8A29	9.6	3000	94	902	>90/>40	F	≤5	20(54/66/67/68)
CLT-DNNF24140T16-8A29	9.6	4000	100	960	>90/>40	F	≤5	20(54/66/67/68)
CLT-WNNF24140T16-8A29	9.6	6000	100	960	>90/>40	F	≤5	20(54/66/67/68)





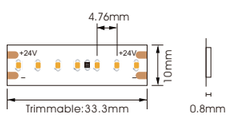
14.4W CRI90 210LED/m IP20 F

Electrical Data

Light Beads	: 2216
Number Led/M	: 210pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 33.3mm

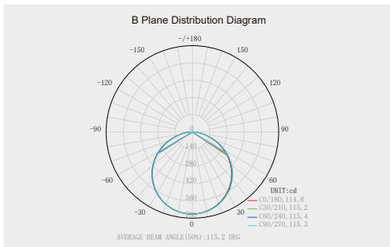
Standards / Normative Requirements

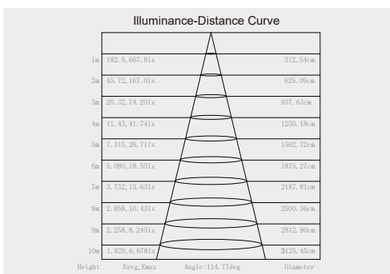
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT/-KNNF24210T16-0A29	14.4	2700	90	1296	>90/>40	F	≤5	20(54/66/67/68)
CLT-INNF24210T16-0A29	14.4	3000	95	1368	>90/>40	F	≤5	20(54/66/67/68)
CLT-DNNF24210T16-0A29	14.4	4000	100	1440	>90/>40	F	≤5	20(54/66/67/68)
CLT-WNNF24210T16-0A29	14.4	6000	100	1440	>90/>40	F	≤5	20(54/66/67/68)





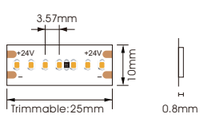
19.2W CRI90 280LED/m IP20 F

Electrical Data

Light Beads	: 2216
Number Led/M	: 280pcs
Power W/m±10%	: 19.2W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 25mm

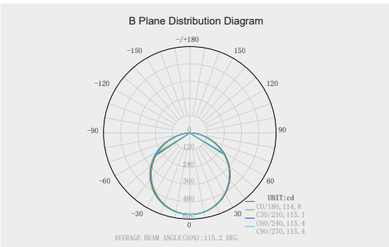
Standards / Normative Requirements

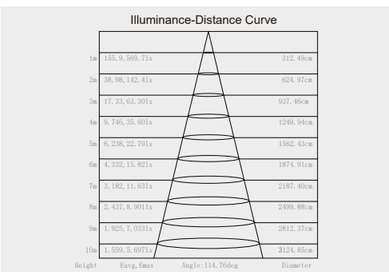
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24280T16-0A29	19.2	2700	96	1844	>90/>40	F	≤5	20(54/66/67/68)
CLT-INNF24280T16-0A29	19.2	3000	97	1862	>90/>40	F	≤5	20(54/66/67/68)
CLT-DNNF24280T16-0A29	19.2	4000	102	1958	>90/>40	F	≤5	20(54/66/67/68)
CLT-WNNF24280T16-0A29	19.2	6000	102	1958	>90/>40	F	≤5	20(54/66/67/68)





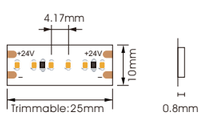
19.2W CRI90 240LED/m IP20

Electrical Data

Light Beads	: 2216
Number Led/M	: 240pcs
Power W/m±10%	: 19.2W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 25mm

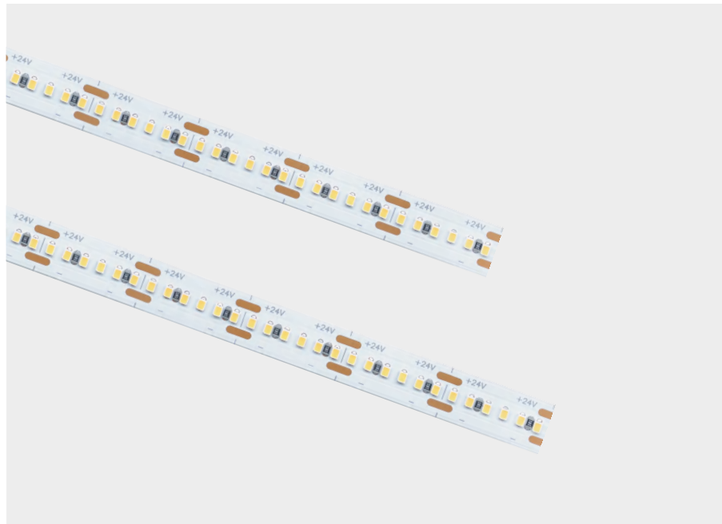
Standards / Normative Requirements

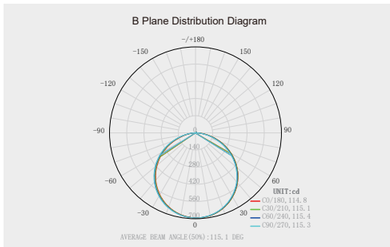
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

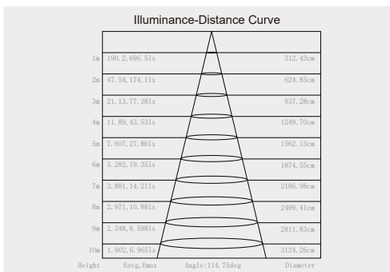


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24240T16-0A29	19.2	2700	75	1440	>90/>40	/	≤5	20(54/66/67/68)
CLT-INNF24240T16-0A29	19.2	3000	80	1536	>90/>40	/	≤5	20(54/66/67/68)
CLT-DNNF24240T16-0A29	19.2	4000	87	1670	>90/>40	/	≤5	20(54/66/67/68)
CLT-WNNF24240T16-0A29	19.2	6000	87	1670	>90/>40	/	≤5	20(54/66/67/68)







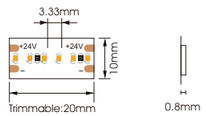
24W CRI90 300LED/m IP20

Electrical Data

Light Beads	: 2216
Number Led/M	: 240pcs
Power W/m±10%	: 24W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 20mm

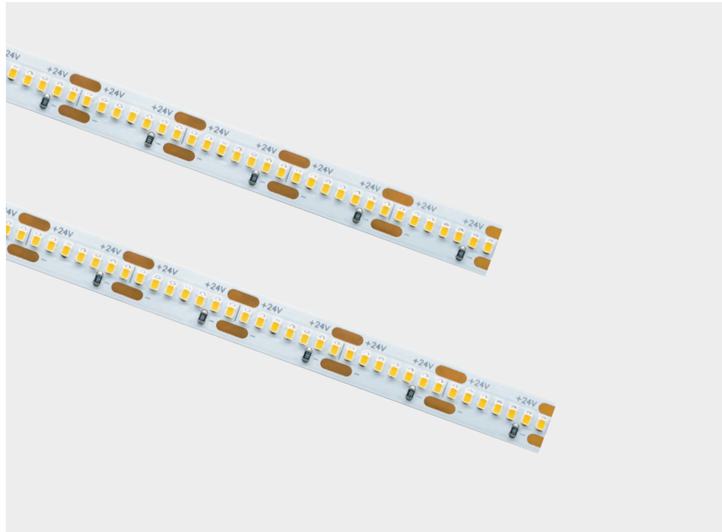
Standards / Normative Requirements

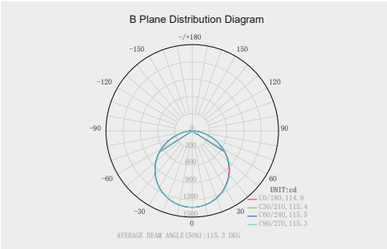
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

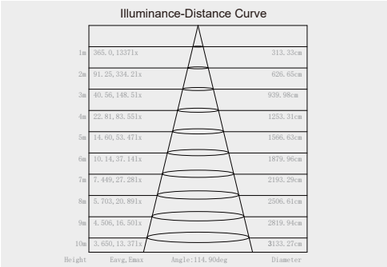


Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24240T16-0A29	24	2700	75	1800	>90/>40	/	≤5	20(54/66/67/68)
CLT-INNF24240T16-0A29	24	3000	80	1920	>90/>40	/	≤5	20(54/66/67/68)
CLT-DNNF24240T16-0A29	24	4000	87	2088	>90/>40	/	≤5	20(54/66/67/68)
CLT-WNNF24240T16-0A29	24	6000	87	2088	>90/>40	/	≤5	20(54/66/67/68)







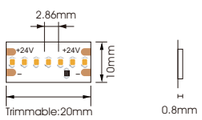
24W 350LED/m IP20

Electrical Data

Light Beads	: 2216
Number Led/M	: 350pcs
Power W/m±10%	: 24W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 20mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNNF24350T16-0A29	24	2700	90	2160	>90/>40	/	≤5	20(54/66/67/68)
CLT-INNF24350T16-0A29	24	3000	95	2280	>90/>40	/	≤5	20(54/66/67/68)
CLT-DNNF24350T16-0A29	24	4000	100	2400	>90/>40	/	≤5	20(54/66/67/68)
CLT-WNNF24350T16-0A29	24	6000	100	2400	>90/>40	/	≤5	20(54/66/67/68)

PASSION SERIES

2835 RGB SMD LED STRIP

12W 120LED/m 24V RGB 6mm

10W 120LED/m 12V RGB

14.4W 120LED/m 24V RGB

12W 180LED/m 24V RGB

20W 240LED/m 24V RGB+W

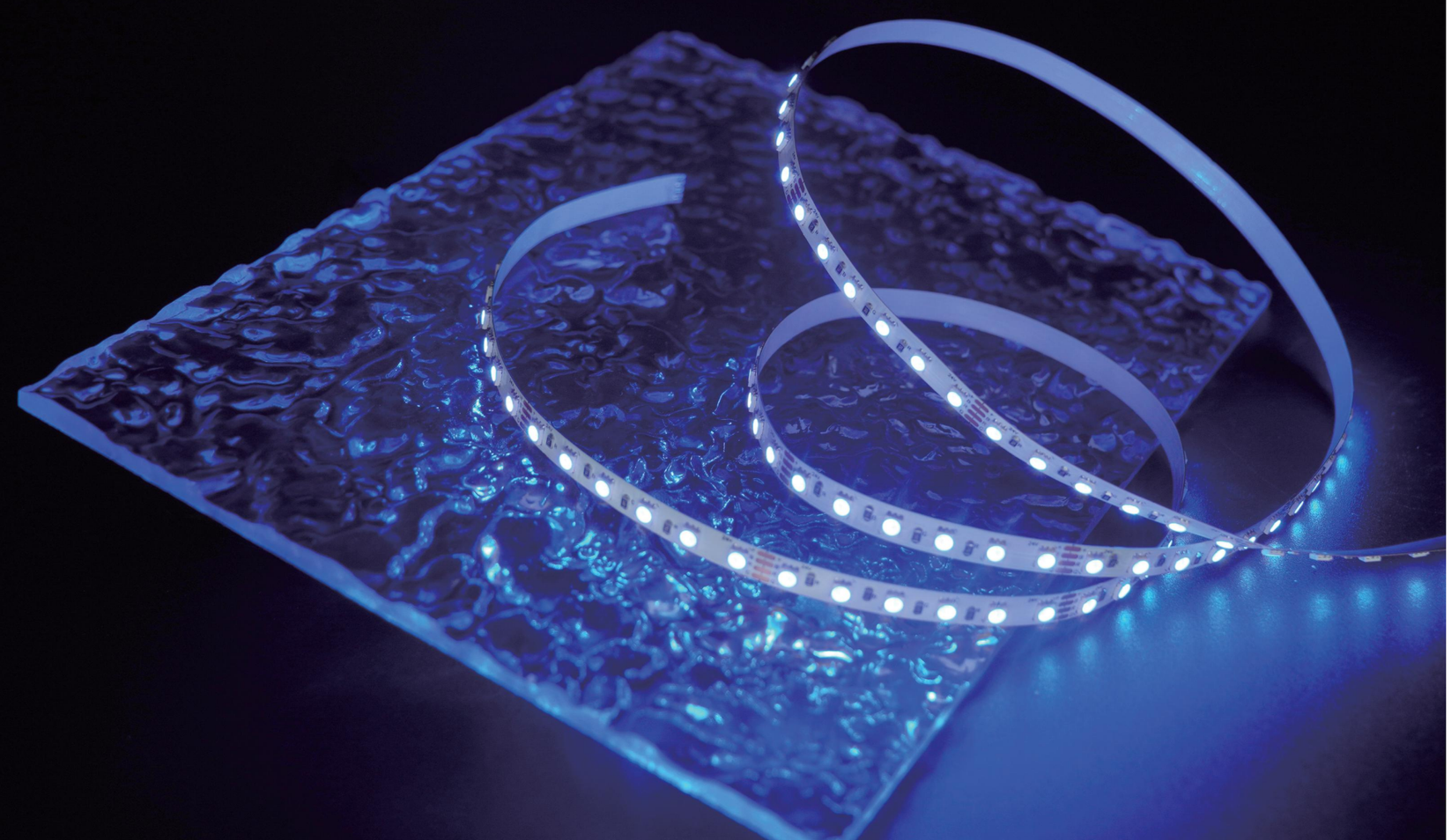
24W 288LED/m 24V RGB+WW

NEW

Waterproof IP54

Waterproof IP66

Waterproof NEON



ErP ERP compliant

Certified sapety

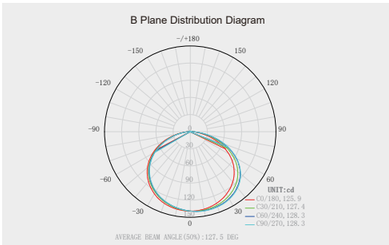
Qualification

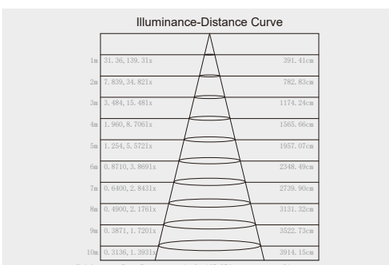
RoHS Qualification

Cuttable

12V 24V Voltage

Dimmable





12W 120LED/m 24V RGB

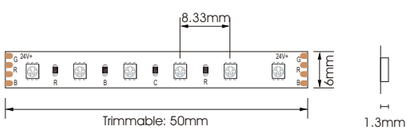
Ultra-narrow

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 12W
Voltage	: 24V
PCB Width	: 6mm
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

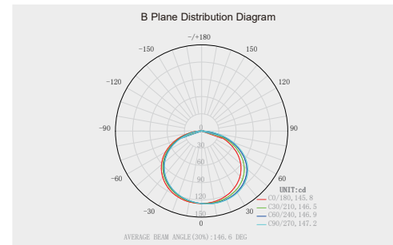
Standards / Normative Requirements

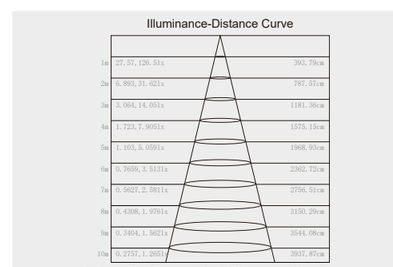
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product Parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	IP (Optional)
CLT-W2NF24120T09-6A30	12	24	R	620-630	108	/	/	20(54/66/67)
			G	515-525	320	/	/	20(54/66/67)
			B	460-470	68	/	/	20(54/66/67)
			RGB	/	460	/	/	20(54/66/67)





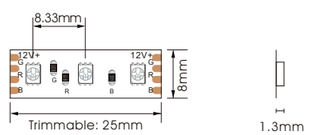
10W 120LED/m 12V RGB

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 10W
Voltage	: 12V
PCB Width	: 8MM
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 25mm

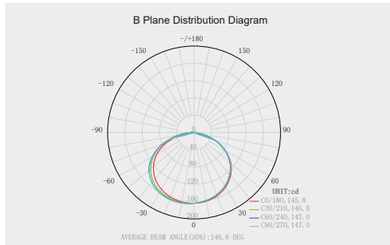
Standards / Normative Requirements

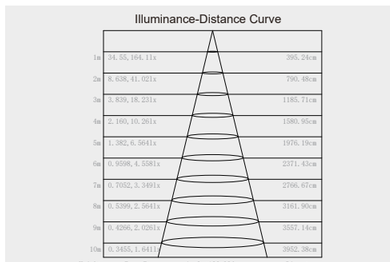
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product Parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	IP (Optional)
CLT-W2NF12120T09-8A20	10	12	R	620-630	96	/	/	20(54/66/67)
			G	515-525	300	/	/	20(54/66/67)
			B	460-470	66	/	/	20(54/66/67)
			RGB	/	452	/	/	20(54/66/67)





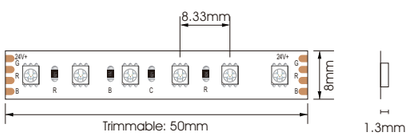
14.4W 120LED/m 24V RGB

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 8mm
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

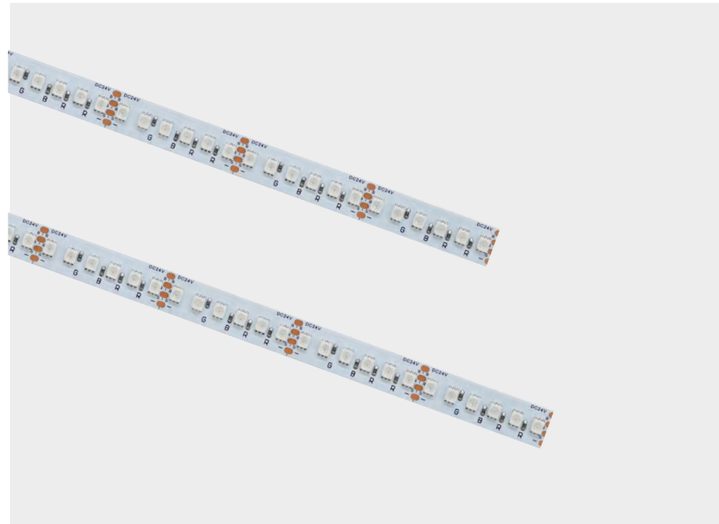
Standards / Normative Requirements

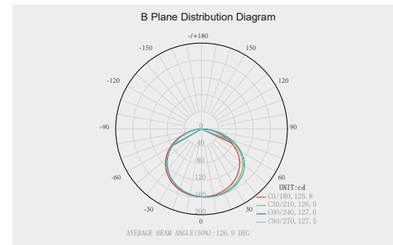
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

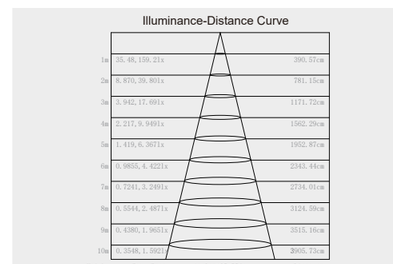


Product Parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	IP (Optional)
CLT-W2NF24120T09 -8A30	14.4	24	R	620-630	136	/	/	20(54/66/67)
			G	515-525	386	/	/	20(54/66/67)
			B	460-470	82	/	/	20(54/66/67)
			RGB	/	588	/	/	20(54/66/67)







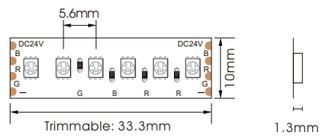
12W 180LED/m 24V RGB

Electrical Data

Light Beads	: 2835
Number Led/M	: 180pcs
Power W/m±10%	: 12W
Voltage	: 24V
PCB Width	: 10mm
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 33.33mm

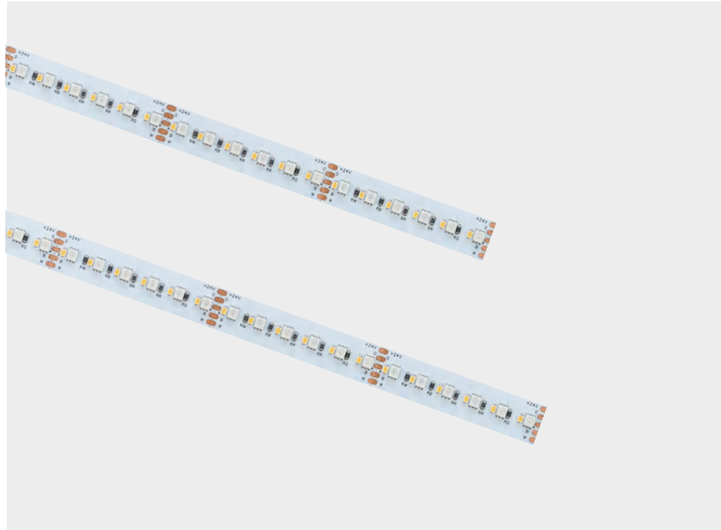
Standards / Normative Requirements

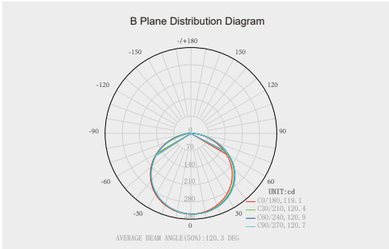
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

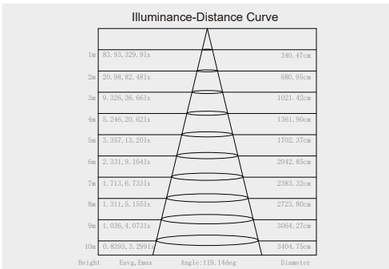


Product Parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	IP (Optional)
CLT-W2NF24180T09-0A20	12	24	R	610-630	100	/	/	20(54/66/67)
			G	515-525	360	/	/	20(54/66/67)
			B	460-470	60	/	/	20(54/66/67)
			RGB	/	500	/	/	20(54/66/67)







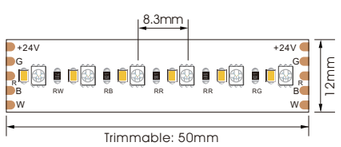
20W 240LED/m 24V RGB+W

Electrical Data

Light Beads	: 2835 / 2216
Number Led/M	: 240pcs
Power W/m±10%	: 20W
Voltage	: 24mm
PCB Width	: 12mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

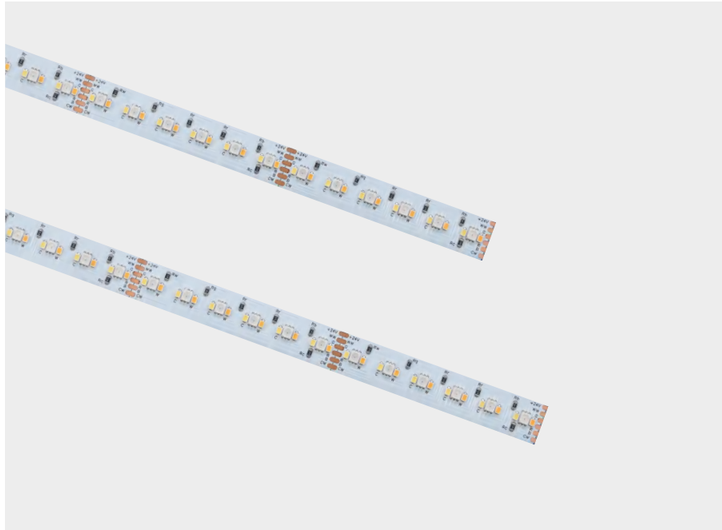
Standards / Normative Requirements

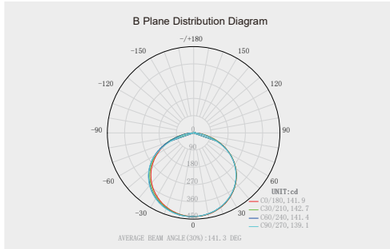
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

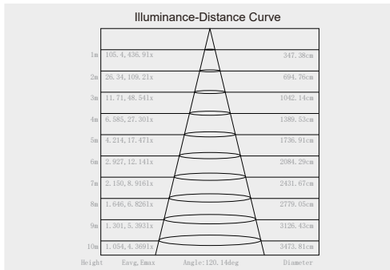


Product Parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-IRNF24240T16 -2A39	20	24	R	610-630	120	>90/>40	F	≤5	20(54/66/67)
			G	515-525	380	>90/>40	F	≤5	20(54/66/67)
			B	460-470	70	>90/>40	F	≤5	20(54/66/67)
			W(3000K)	/	420	>90/>40	F	≤5	20(54/66/67)
			RGBW	/	950	>90/>40	F	≤5	20(54/66/67)







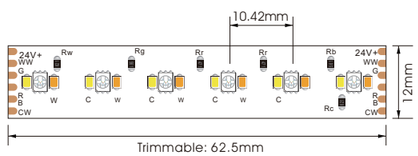
24W 288LED/m 24V RGB+WW

Electrical Data

Light Beads	: 2835 / 2216
Number Led/M	: 288pcs
Power W/m±10%	: 24W
Voltage	: 24V
PCB Width	: 12mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 62.5mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product Parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-WWNF24288T09-2A79	24	24	R	618-625	138	>90/>40	F	≤5	20(54/66/67)
			G	518-522	370	>90/>40	F	≤5	20(54/66/67)
			B	462-468	78	>90/>40	F	≤5	20(54/66/67)
			W (2400K)	/	390	>90/>40	F	≤5	20(54/66/67)
			W (6500K)	/	434	>90/>40	F	≤5	20(54/66/67)
			RGB+WW	/	1368	>90/>40	F	≤5	20(54/66/67)

APPLICATION SCENARIOS

PASSION SERIES

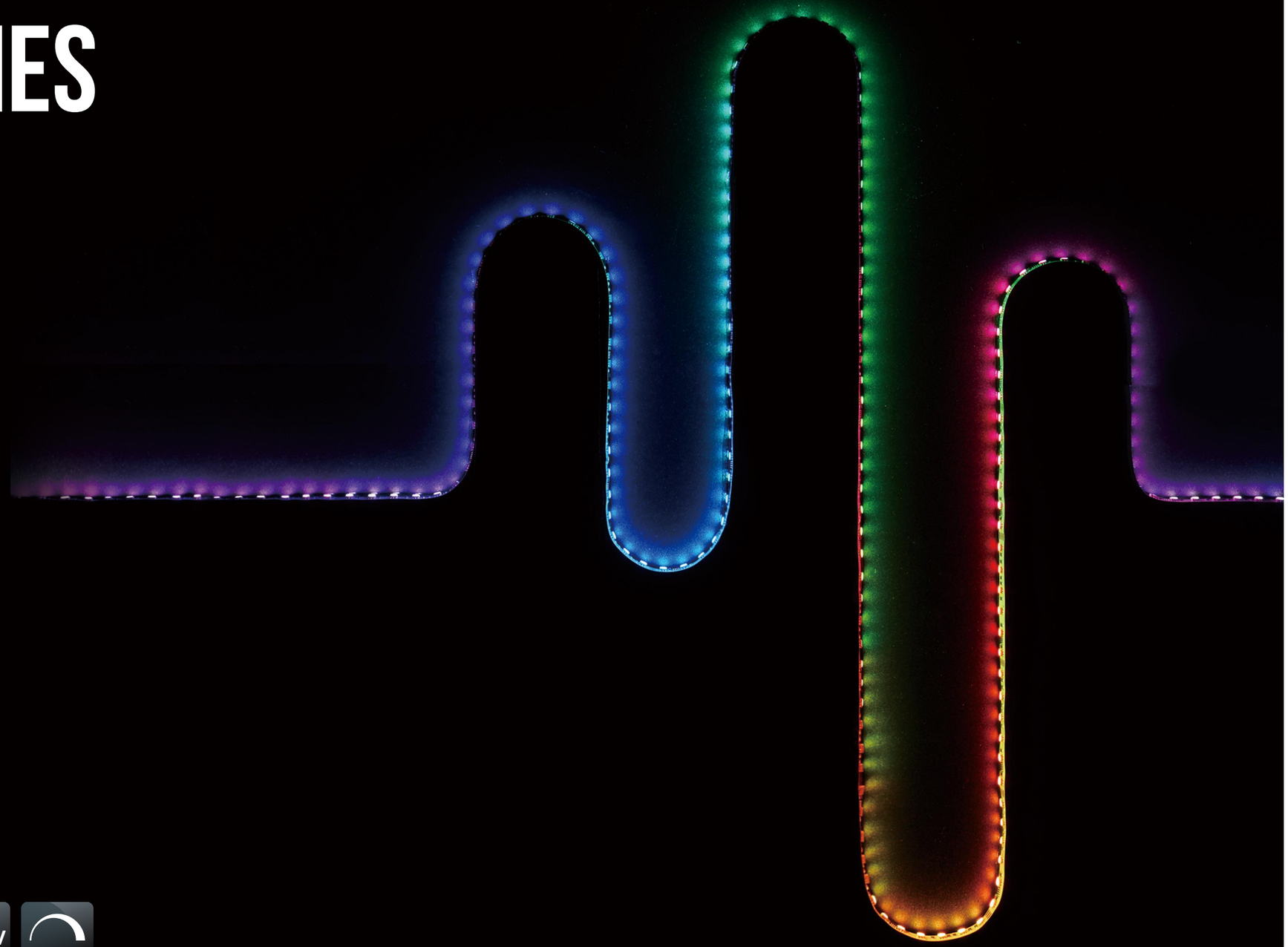
RGB DIGITAL CHASING LED STRIP

9.6W 120LED/m 24V IP20 F

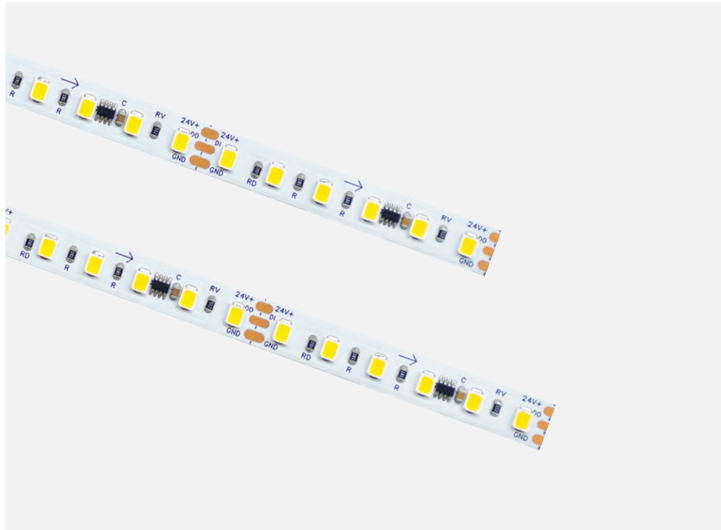
14.4W 120LED/m 24V RGB

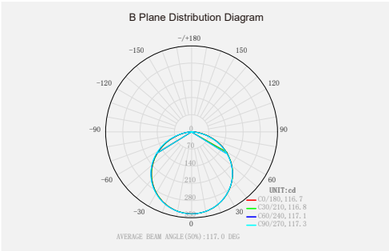
NEW

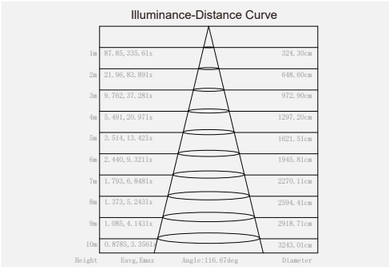
Waterproof IP54 | Waterproof IP66 | Waterproof IP67 | Waterproof NEON



ErP ERP compliant | UL Certified sapety | CE Qualification | RoHS Qualification | Cuttable | 24V Voltage | Dimmable







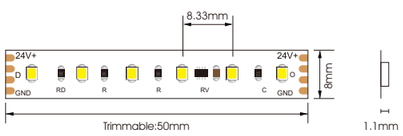
9.6W 120LED/m 24V IP20 F

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >80
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

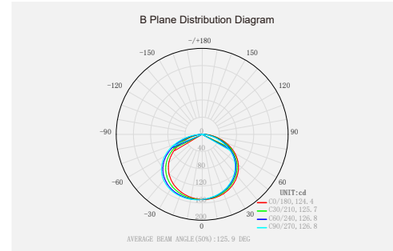
Standards / Normative Requirements

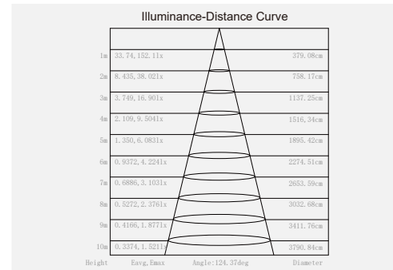
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CTL	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-DNNF24120T09F-8A38	9.6	4000	100	960	>80/>0	F	/	20(54/66/67/)





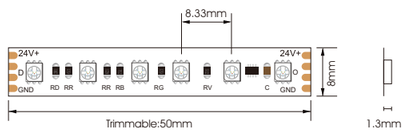
14.4W 120LED/m 24V RGB

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 8mm
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	IP (Optional)
CLT-W2NF24120T09F-8A30	14.4	24V	R	620-630	126	/	/	20(54/66/67/)
			G	515-525	236	/	/	20(54/66/67/)
			B	460-470	80	/	/	20(54/66/67/)
			RGB	/	526	/	/	20(54/66/67/)

APPLICATION SCENARIOS

PASSION SERIES

5050 RGB SMD LED STRIP

60LED/m 12V RGB

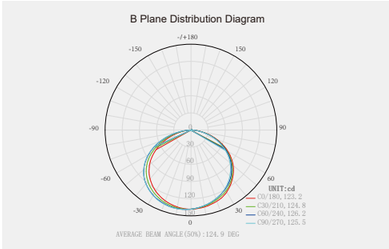
60LED/m 24V RGB

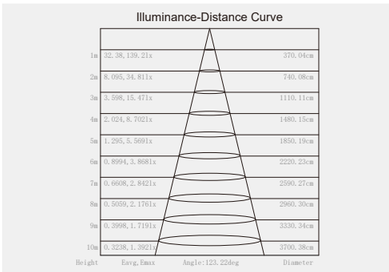
60LED/m 24V 4in1

60LED/m 24V 5in1

Waterproof IP54 | Waterproof IP66 | Waterproof IP67 | Waterproof NEON

ErP ERP compliant | UL Certified sapety | CE Qualification | RoHS Qualification | Cuttable | 12V 24V Voltage | Dimmable





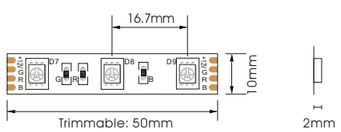
14.4W 60LED/m 12V RGB

Electrical Data

Light Beads	: 5050
Number Led/M	: 60pcs
Power W/m±10%	: 14.4W
Voltage	: 12V
PCB Width	: 10mm
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

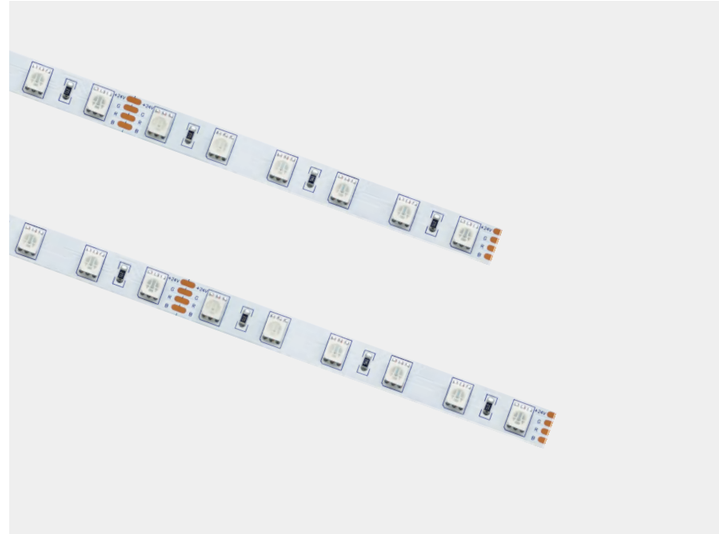
Standards / Normative Requirements

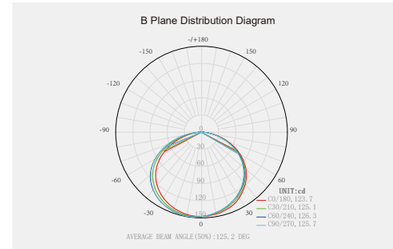
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

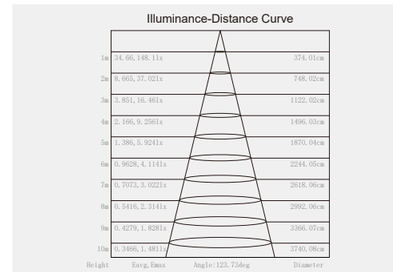


Product Parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	IP (Optional)
CLT-W2NF12060T03-0A60	14.4	12	R	610-630	140	/	/	20(54/66/67)
			G	515-525	280	/	/	20(54/66/67)
			B	460-470	66	/	/	20(54/66/67)
			RGB	/	480	/	/	20(54/66/67)







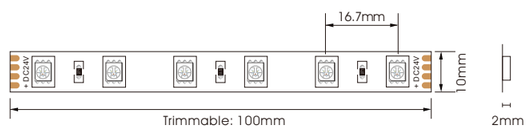
14.4W 60LED/m 24V RGB

Electrical Data

Light Beads	: 5050
Number Led/M	: 60pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 100mm

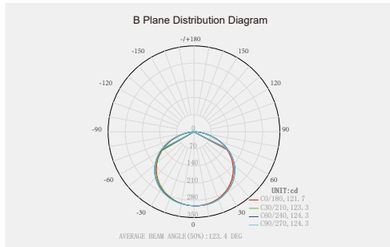
Standards / Normative Requirements

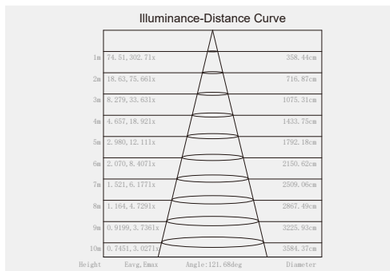
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product Parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	IP (Optional)
CLT-W2NF24060T03-0A60	14.4	24	R	610-630	130	/	/	20(54/66/67)
			G	515-525	300	/	/	20(54/66/67)
			B	460-470	66	/	/	20(54/66/67)
			RGB	/	500	/	/	20(54/66/67)





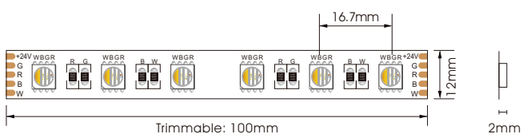
19.2W 60LED/m 24V 4in1

Electrical Data

Light Beads	: 5050
Number Led/M	: 60pcs
Power W/m±10%	: 19.2W
Voltage	: 24V
PCB Width	: 12mm
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 100mm

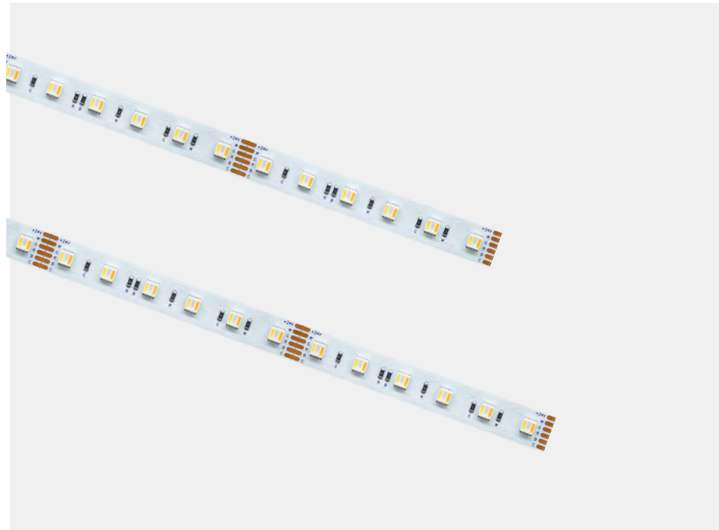
Standards / Normative Requirements

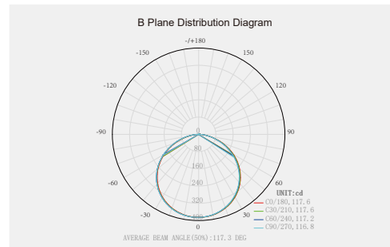
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

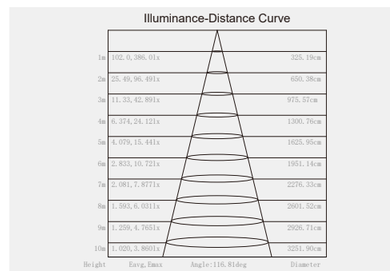


Product Parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT- IRNF24060T03-2A20	19.2	24	RGB+W(3000K)	/	864	>90/>40	G	≤5	20(54/66/67)
CLT- DRNF24060T03-2A20	19.2	24	RGB+W(4000K)	/	864	>90/>40	G	≤5	20(54/66/67)
CLT- WRNF24060T03-2A20	19.2	24	RGB+W(6000K)	/	902	>90/>40	G	≤5	20(54/66/67)







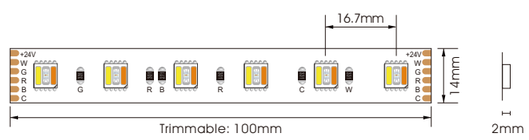
24W 60LED/m 24V 5in1

Electrical Data

Light Beads	: 5050
Number Led/M	: 60pcs
Power W/m±10%	: 24W
Voltage	: 24V
PCB Width	: 14mm
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 100mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product Parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-WWNF24060T03-4A28	24	24	R	610-630	130	>90/>40	G	≤5	20(54/66/67)
			G	515-525	300	>90/>40			
			B	460-470	66	>90/>40			
			W (2400K)	/	440	>90/>40			
			W (6500K)	/	380	>90/>40			
			RGB+W+WW	/	1300	>90/>40			

APPLICATION SCENARIOS

INFINITY SERIES

NEON LED STRIP

4x8mm Side View Neon Light

4x8mm T- shape Side View Neon Light

4x8mm Mini cut Neon Light

6x10mm Top View Neon Light

6.5x11mm Side View Neon Light

10x10mm Curve Top View Neon Light

10x10mm Square Top View Neon Light

10x10mm Top View Neon Light

7.2W 12x12mm Free Bend Neon Light

10W 12x12mm Free Bend Neon Light

6.5x11mm Side View White digital chasing Neon Light

6.5x11mm Side View RGB digital chasing Neon Light

12x8mm CSP RGB Neon Light

Waterproof IP66

Waterproof IP67

ErP — ERP compliant

UL — Certified sapety

CE — Qualification

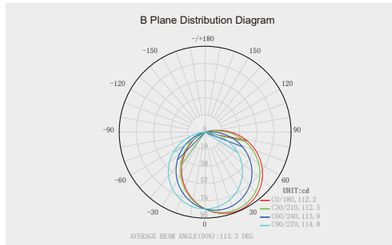
RoHS — Qualification

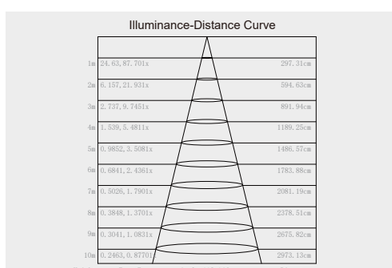
Cuttable

24V — Voltage

Dimmable

80 — LM





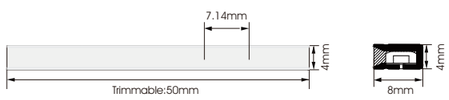
4x8mm Side View Neon Light

Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 5mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

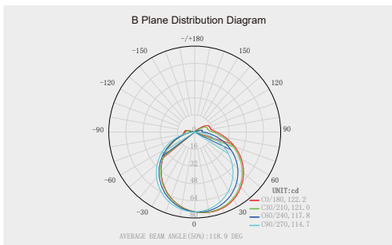
Standards / Normative Requirements

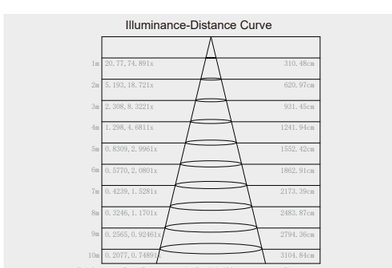
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-KNQF24140T09-5A29	9.6	2700	25	240	>90/>40	/	/	66
CLT-INQF24140T09-5A29	9.6	3000						
CLT-DNQF24140T09-5A29	9.6	4000						
CLT-FNQF24140T09-5A29	9.6	5000						





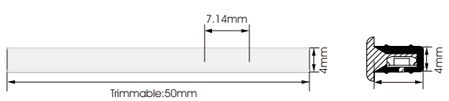
4x8mm T-shape Side View Neon Light

Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 5mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

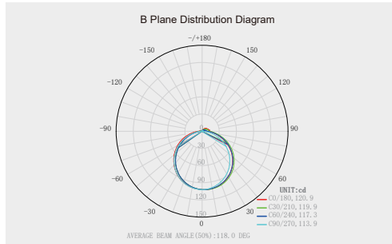
Standards / Normative Requirements

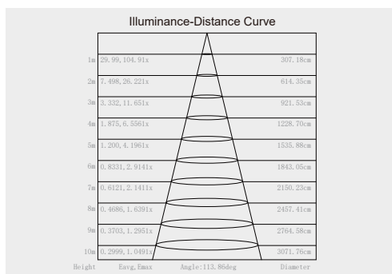
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-KNQF24140T09-5A29	9.6	2700	35	336	>90/>40	/	/	66
CLT-INQF24140T09-5A29	9.6	3000						
CLT-DNQF24140T09-5A29	9.6	4000						
CLT-FNQF24140T09-5A29	9.6	5000						





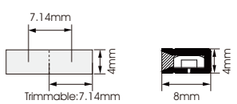
12V 4x8mm Mini cut Neon Light

Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 9.6W
Voltage	: 12V
PCB Width	: 5mm
CRI	: >90
Max length(10% voltage drop)	: 2.5m
Cut Size	: 7.14mm

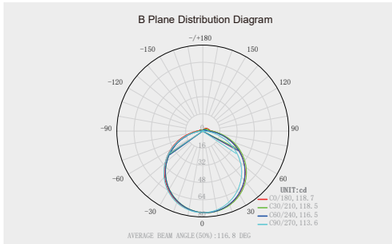
Standards / Normative Requirements

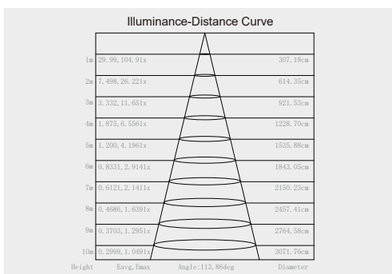
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-KNQF12140T09-5A29	9.6	2700	30	288	>90/>40	/	/	66
CLT-INQF12140T09-5A29	9.6	3000						
CLT-DNQF12140T09-5A29	9.6	4000						
CLT-FNQF12140T09-5A29	9.6	5000						





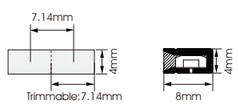
24V 4x8mm Mini cut Neon Light

Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 5mm
CRI	: >90
Max length(10% voltage drop)	: 5m
Cut Size	: 7.14mm

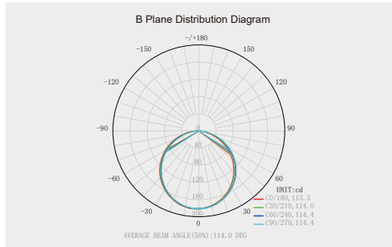
Standards / Normative Requirements

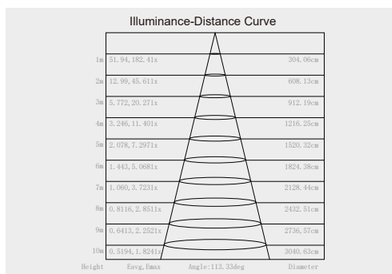
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-KNQF24140T09-5A19	9.6	2700	24	230	>90/>40	/	/	66
CLT-INQF24140T09-5A19	9.6	3000						
CLT-DNQF24140T09-5A19	9.6	4000						
CLT-FNQF24140T09-5A19	9.6	5000						





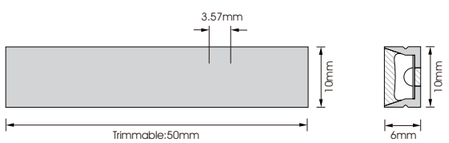
6x10mm Top View Neon Light

Electrical Data

Light Beads	: CSP
Number Led/M	: 280pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Max length(10% voltage drop)	: 5m
Cut Size	: 50mm

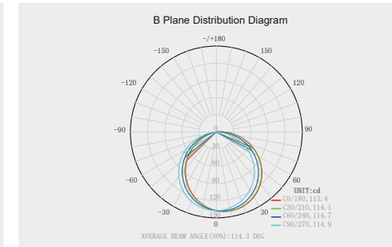
Standards / Normative Requirements

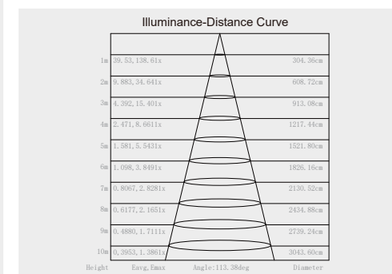
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-KNQF24280T00-8A19	9.6	2700	55	520	>90/>40	/	/	66
CLT-INQF24280T00-8A19	9.6	3000						
CLT-DNQF24280T00-8A19	9.6	4000						
CLT-WNQF24280T00-8A19	9.6	6500						





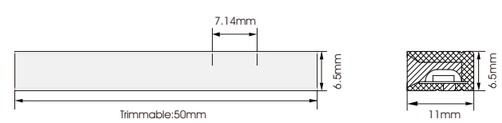
6.5x11mm Side View Neon Light

Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

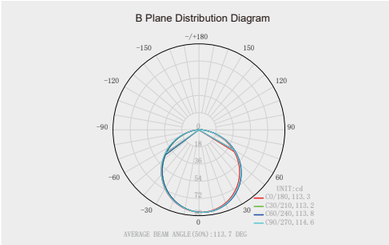
Standards / Normative Requirements

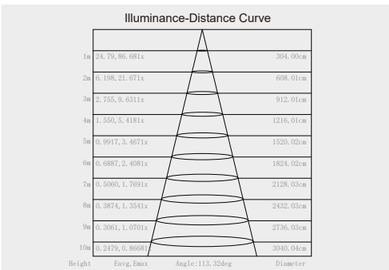
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-KNQF24140T09-8A39	14.4	2700	30	432	/	/	/	66
CLT-INQF24140T09-8A39	14.4	3000						
CLT-DNQF24140T09-8A39	14.4	4000						
CLT-FNQF24140T09-8A39	14.4	5000						





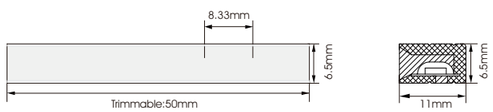
6.5x11mm Side View White digital chasing Neon Light

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 9.6W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >80
Max length(10% voltage drop)	: 5m
Cut Size	: 50mm

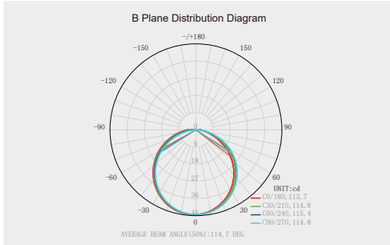
Standards / Normative Requirements

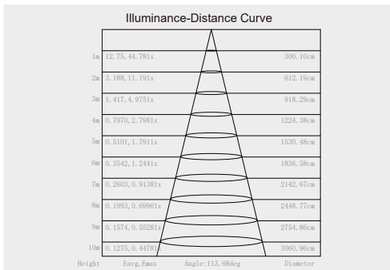
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-DNQF24120T09-8A28	9.6	4000	28	275	>80/>0	/	/	66





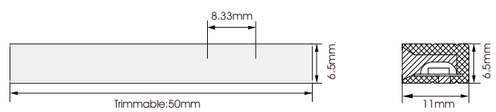
6.5x11mm Side View RGB digital chasing Neon Light

Electrical Data

Light Beads	: 2835
Number Led/M	: 120pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 8mm
CRI	: /
Max length(10% voltage drop)	: 5m
Cut Size	: 50mm

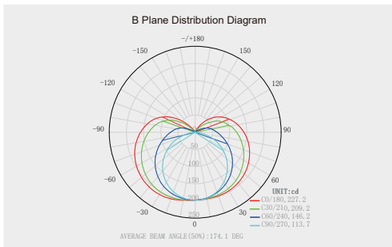
Standards / Normative Requirements

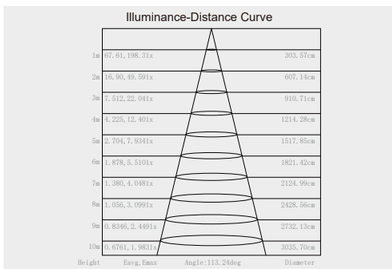
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	IP (Optional)
CLT-W2QF24120T09-8A30	14.4	24	R	620-630	35	/	/	66
	14.4	24	G	515-525	100	/	/	66
	14.4	24	B	460-470	20	/	/	66
	14.4	24	RGB	/	145	/	/	66





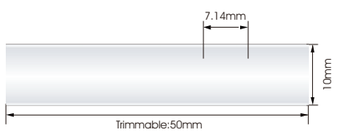
10x10mm Curve Top View Neon Light

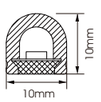
Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

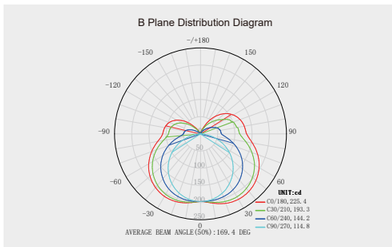
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

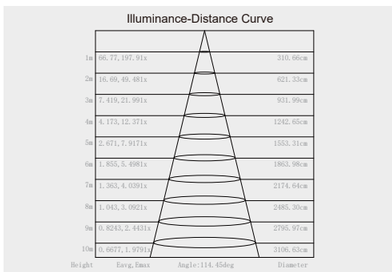




Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-KNHF24140T09-8A39	14.4	2700	80	1152	/	/	/	66
CLT-INHF24140T09-8A39	14.4	3000						
CLT-DNHF24140T09-8A39	14.4	4000						
CLT-FNHF24140T09-8A39	14.4	5000						





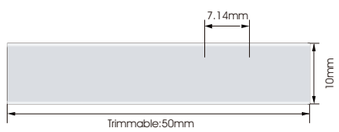
10x10mm Square Top View Neon Light

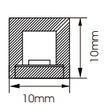
Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

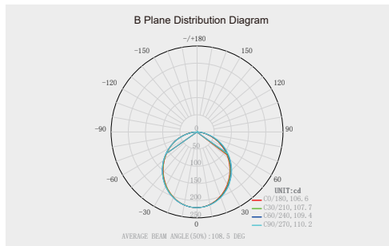
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

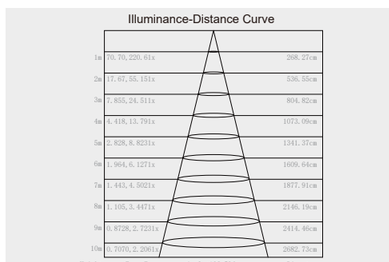




Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-KNQF24140T09-8A39	14.4	2700	85	1224	>90/>40	/	/	66
CLT-INQF24140T09-8A39	14.4	3000						
CLT-DNQF24140T09-8A39	14.4	4000						
CLT-FNQF24140T09-8A39	14.4	5000						





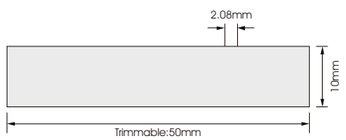
10x10mm Top View Neon Light

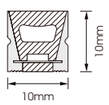
Electrical Data

Light Beads	: CSP
Number Led/M	: 320pcs
Power W/m±10%	: 10W
Voltage	: 24V
PCB Width	: 8mm
CRI	: >90
Max length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

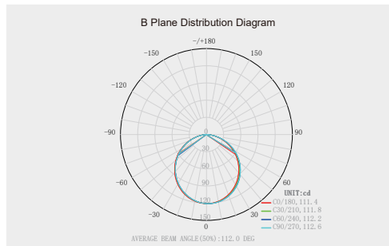
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

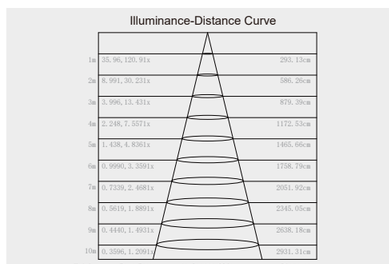




Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency in McAdam ellipses	IP (Optional)
CLT-KNQF24320T00-8A19	10	2700	55	550	>90/>40	/	/	67
CLT-INQF24320T00-8A19	10	3000						
CLT-DNQF24320T00-8A19	10	4000						
CLT-WNQF24320T00-8A19	10	6500						





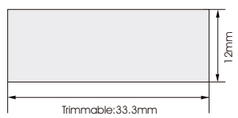
12x8mm CSP RGB Neon Light

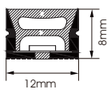
Electrical Data

Light Beads	: CSP
Number Led/M	: 540pcs
Power W/m±10%	: 15W
Voltage	: 24V
PCB Width	: 10mm
CRI	: /
Standard length(10% voltage drop)	: 5m
Cut Size	: 33.3mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes





Product parameters

Part No.CLT	Power (W/M)	DC (V)	Colour	Wavelength (nm)	LM/M	CRI/R9	Energy efficiency class	IP (Optional)
CLT-W2QF24540T00-0A10	6	24	R	620-630	100	/	/	66
	4.5	24	G	520-530	220	/	/	66
	4.5	24	B	450-460	46	/	/	66
	15	24	RGB	/	362	/	/	66

List of accessories

Plugging/tailgging

Part No.CTL	Name	Description	Physical Drawing
103305101005	Direct cable end cap	4X8mm NEON LED STRIP	
103305102001	Direct cable end cap	6.5X11mm NEON LED STRIP	
103305102008	Direct cable end cap	10X4mm X-riibbon CSP IP68 LED STRIP	
103305101069	Direct cable end cap	CSP IP68 LED STRIP	
103305101062	Direct cable end cap	10X6mm NEON LED STRIP	
103305101013	Direct cable end cap	10X10mm NEON LED STRIP	
103305101002	Direct cable end cap	10X10mm Curve NEON LED STRIP	
103305101067	Direct cable end cap	12X12mm NEON LED STRIP	
103305101011	Bottom cable end cap	6.5X11mm NEON LED STRIP	
103305101070	Bottom cable end cap	10X10mm NEON LED STRIP	
103305101003	Bottom cable end cap	10X10mm Curve NEON LED STRIP	
103305101058	Side cable end cap	6.5X11mm NEON LED STRIP	
103305101004	Sealing end cap	4X8mm NEON LED STRIP	
103305101012	Sealing end cap	6.5X11mm NEON LED STRIP	

Part No.CTL	Name	Compatible models	Physical Drawing
103305102013	Sealing end cap	10X4mm X-riibbon CSP IP68 LED STRIP	
103305101068	Sealing end cap	CSP IP68 LED STRIP	
103305101061	Sealing end cap	10X6mm NEON LED STRIP	
103305101014	Sealing end cap	10X10mm NEON LED STRIP	
103305101063	Sealing end cap	10X10mm NEON LED STRIP	
103305102009	Sealing end cap	10X10mm Curve NEON LED STRIP	
103305101065	Sealing end cap	12X12mm NEON LED STRIP	
103305101064	Cable end cap	10X10mm NEON LED STRIP	
103305101018	Mini cable end cap	4X8mm NEON LED STRIP	
103305301005	Mini cable end cap	6.5X11mm NEON LED STRIP	
103305101017	Mini sealing end cap	4X8mm NEON LED STRIP	
103305301004	Mini sealing end cap	6.5X1mm NEON LED STRIP	

List of accessories

Aluminum clip

Part No.CTL	Name	Compatible models	Physical Drawing
101107101002	Stainless steel clipp	4X8mm NEON LED STRIP	
101107101003	Stainless steel clipp	6.5X11mm NEON LED STRIP	
101107101017	Stainless steel clipp	10X6mm NEON LED STRIP	
101107101001	Stainless steel clipp	10X10mm NEON LED STRIP 10X10mm Curve NEON LED STRIP	
101107101019	Stainless steel clipp	12X12mm NEON LED STRIP	
103405102001	Silicon clip	10X4mm NEON LED STRIP CSP IP68 LED STRIP	
101104113001	Flexible profile	12X12mm NEON LED STRIP	
101101101076	Aluminum profile	10X4mm NEON LED STRIP CSP IP68 LED STRIP	
101101113002	Aluminum profile	10X10mm NEON LED STRIP	
101101113004	Aluminum profile	12X12mm NEON LED STRIP	
101101101077	Aluminum clip	10X4mm NEON LED STRIP CSP IP68 LED STRIP	
101101113003	Aluminum clip	10X10mm NEON LED STRIP	
101101113005	Aluminum clip	12X12mm NEON LED STRIP	
101205108008	Stainless steel screws	ALL	

WATERPROOF LED STRIP

Xribbon 280LED/m 24V

IP54 Silicon Glue

IP54 Silicon Glue Extrusion

IP66 Silicon Glue Extrusion Curve Shape

IP66 Silicone Case

IP66 Silicon Glue Extrusion Square Shape

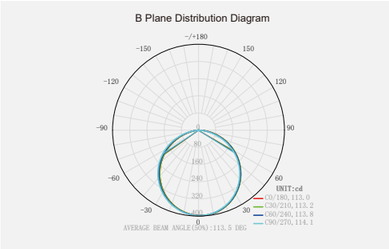
IP66 Dual Color Silicon Glue Extrusion

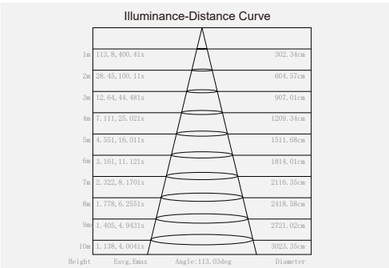
IP67 Dual Color Silicon Glue solid square

IP67 Silicone Extruded Solid Square

Waterproof IP54 | Waterproof IP66 | Waterproof IP67 | Waterproof NEON

ErP — ERP compliant | UL — Certified sapety | CE — Qualification | RoHS — Qualification | Cuttable | 24V — Voltage | Dimmable | 80 — LM





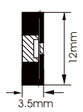
IP67 Xribbon 280LED/m 24V

Electrical Data

Light Beads	: 2220
Number Led/M	: 280pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 25mm

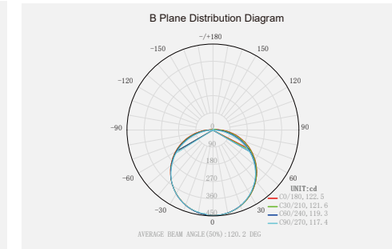
Standards / Normative Requirements

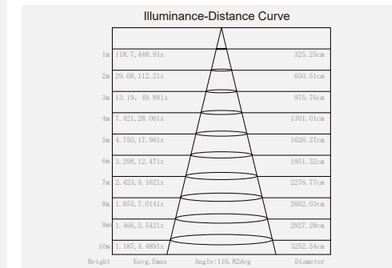
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNMF24280T00-0A29	14.4	2700	90	1296	>90/>40	/	/	67
CLT-INMF24280T00-0A29	14.4	3000						
CLT-DNMF24280T00-0A29	14.4	4000						
CLT-WNMF24280T00-0A29	14.4	6000						





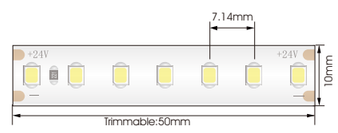
IP54 Silicon Glue

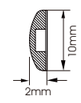
Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

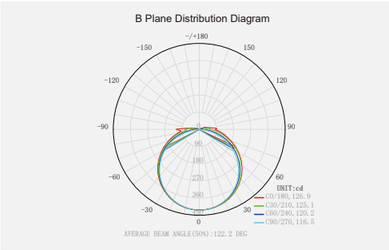
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

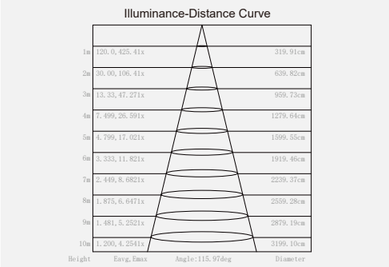




Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNWF24140T09-0A39	14.4	2700	100	1440	>90/>40	/	/	54
CLT-INWF24140T09-0A39	14.4	3000						
CLT-DNWF24140T09-0A39	14.4	4000						
CLT-FNWF24140T09-0A39	14.4	5000						
CLT-WNWF24140T09-0A39	14.4	6000						





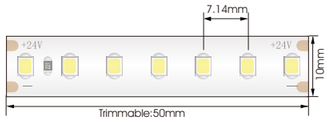
IP54 Silicon Glue Extrusion

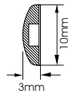
Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

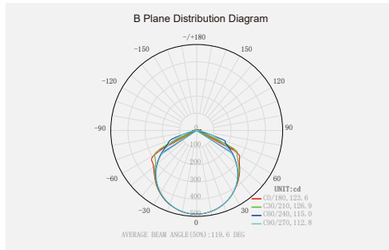
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

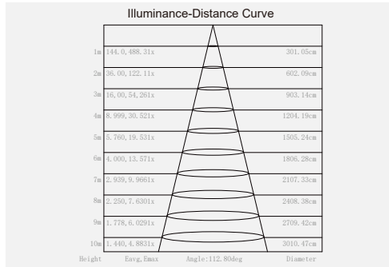




Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNDF24140T09-0A39	14.4	2700						
CLT-INDF24140T09-0A39	14.4	3000						
CLT-DNDF24140T09-0A39	14.4	4000	100	1440	>90/>40	/	/	54
CLT-FNDF24140T09-0A39	14.4	5000						
CLT-WNDF24140T09-0A39	14.4	6000						





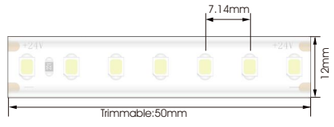
IP66 Silicon Glue Extrusion Curve Shape

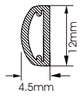
Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

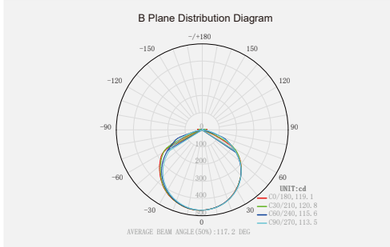
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

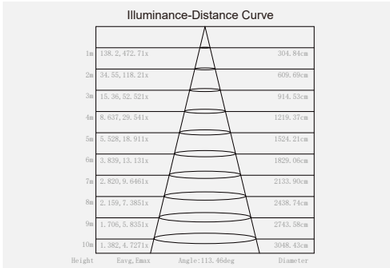




Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNHF24140T09-0A39	14.4	2700						
CLT-INHF24140T09-0A39	14.4	3000						
CLT-DNHF24140T09-0A39	14.4	4000	105	1512	>90/>40	/	/	66
CLT-FNHF24140T09-0A39	14.4	5000						
CLT-WNHF24140T09-0A39	14.4	6000						





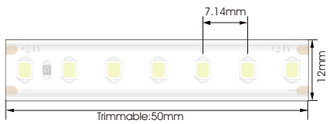
IP66 Silicon Case

Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

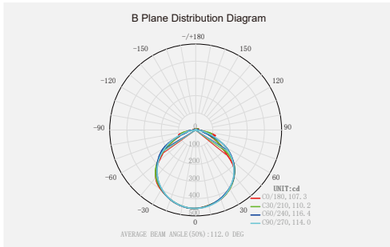
Standards / Normative Requirements

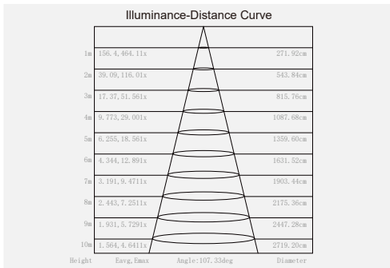
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNHF24140T09-0A39	14.4	2700						
CLT-INHF24140T09-0A39	14.4	3000						
CLT-DNHF24140T09-0A39	14.4	4000	90	1296	>90/>40	/	/	66
CLT-FNHF24140T09-0A39	14.4	5000						
CLT-WNHF24140T09-0A39	14.4	6000						





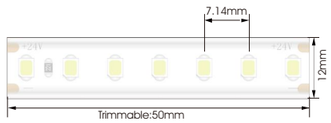
IP66 Silicon Glue Extrusion Square Shape

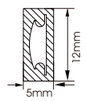
Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

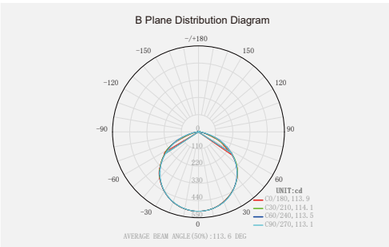
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

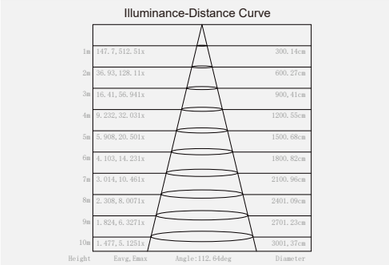




Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNJF24140T09-0A39	14.4	2700						
CLT-INJF24140T09-0A39	14.4	3000						
CLT-DNJF24140T09-0A39	14.4	4000	95	1368	>90/>40	/	/	66
CLT-FNJF24140T09-0A39	14.4	5000						
CLT-WNJF24140T09-0A39	14.4	6000						





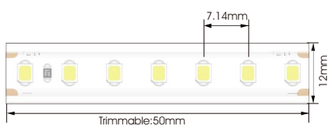
IP66 Dual Color Silicon Glue Extrusion

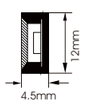
Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	:10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

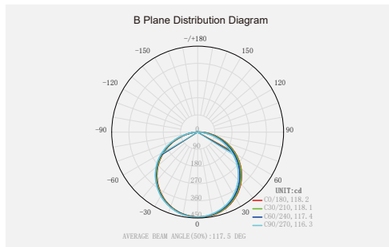
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes

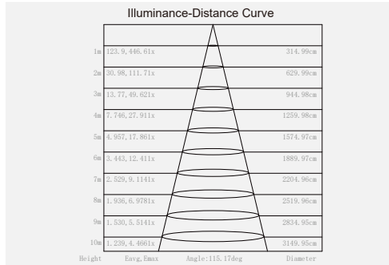




Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNQF24140T09-0A39	14.4	2700						
CLT-INQF24140T09-0A39	14.4	3000						
CLT-DNQF24140T09-0A39	14.4	4000	80	1152	>90/>40	/	/	66
CLT-FNQF24140T09-0A39	14.4	5000						
CLT-WNQF24140T09-0A39	14.4	6000						





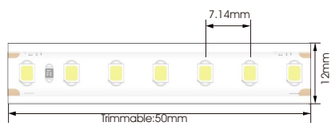
IP67 Dual Color Silicon Glue solid square

Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Max length(10% voltage drop)	: 5m
Cut Size	: 50mm

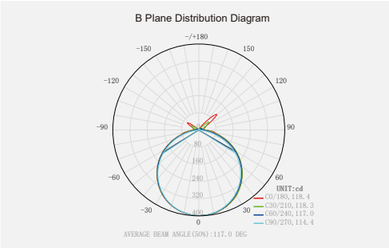
Standards / Normative Requirements

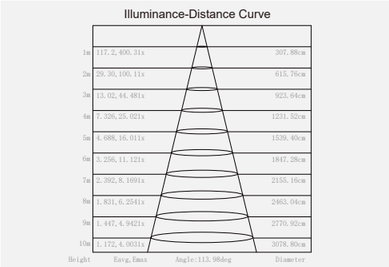
Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes



Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNMF24140T09-0A39	14.4	2700						
CLT-INMF24140T09-0A39	14.4	3000						
CLT-DNMF24140T09-0A39	14.4	4000	95	1368	>90/>40	/	/	67
CLT-FNMF24140T09-0A39	14.4	5000						
CLT-WNMF24140T09-0A39	14.4	6000						





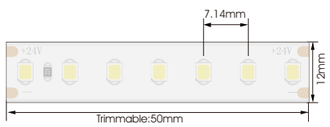
IP67 Silicone Extruded solid square

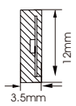
Electrical Data

Light Beads	: 2835
Number Led/M	: 140pcs
Power W/m±10%	: 14.4W
Voltage	: 24V
PCB Width	: 10mm
CRI	: >90
Standard length(10% voltage drop)	: 5m
Cut Size	: 50mm

Standards / Normative Requirements

Protection class	: EN 60529
Safety Requirements	: EN 62031 IEC 60598-1
EMC / radio disturbance characteristics	: EN 55015
ROHS	: Yes
CE	: Yes





Product parameters

Part No.CLT	Power (W/M)	CCT (K)	LM/W	LM/M	CRI/R9	Energy efficiency class	Colour consistency In McAdam ellipses	IP (Optional)
CLT-KNSF24140T09-0A39	14.4	2700						
CLT-INSF24140T09-0A39	14.4	3000						
CLT-DNSF24140T09-0A39	14.4	4000	80	1152	>90/>40	/	/	67
CLT-FNSF24140T09-0A39	14.4	5000						
CLT-WNSF24140T09-0A39	14.4	6000						

COOLIGHT
Lighting your life

Shenzhen COOLIGHT Opt-ele Co Limited

Document No：CL-3-D-001 V07

COOLIGHT LED Strip Decode

CLU(T)(X)	-	①①	-	②②	③③	④④④	T⑤⑤	-	⑥	⑦	⑧	⑨
I		II		III	IV	V	VI		VII	VIII	IX	X

I: CLU represents COOLIGHT UL approved strip series ; CLT represent COOLIGHT regular strip series

II: ①① represent LED CCT , If ①① is CN , means 7000K . WN: 6000-7000K EN: 5300-6000K FN: 4700-5300K LN: 4200-4700K DN: 3800-4200K MN: 3300-3800K IN: 2800-3300K KN: 2600-2800K NN: 2400-2600K SN: 2200-2400K ON: 1900-2200K PN: 1700-1900K BN: blue GN: Green YU: Yellow OU: Red W2: RGB AB : Amber QN: Pink (WI: white mixed WR: white +RGB WW: double white +RGB , Exact CCT is to be showed in strip description)

III: ②② represent waterproof rate and pcb type, ②②= AX
A=N: Non-waterproof, IP20
A=W: Silicon glue , IP54
A=T: Silicon tubing waterproof, IP65
A=K: Silicone tube with glue filling
A=P: Nano-Waterproof
A=J: Extrusion tube Square shape, IP66
A=H : Extrusion tube Curved shape / Neon led strip front view IP66
A=S: Extrusion with Glue inside, IP67
A=D : Silicon Glue Extrusion Waterproof, IP54
A=M: Dual color Extrusion with glue inside, IP67
A=Q: Dual color extrusion tube with silicon / Neon led strip side view, IP 66
X=F: Flexible LED strip
X=A: Aluninum profile rigid strip
X=P: Rigid strip without dissipater

IV: ③③ represent working voltage of strip, If ③③ is 12, it means 12V DC, 24 means 24V DC

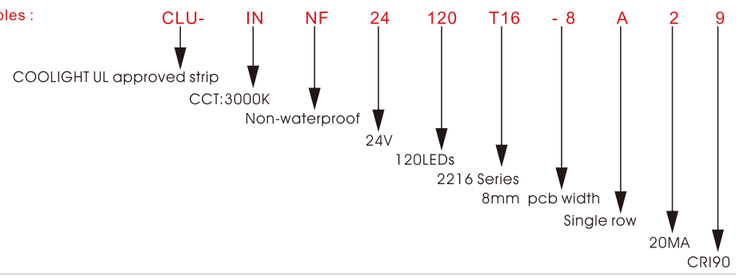
V: ④④④ represent LEDs quantity per meter, If ④④④ is 060 , it means 60leds/meter , 120 means 120leds/meter

VI: T⑤⑤ represent type of LEDs , If ⑤⑤ is 02 , it means 3528 LEDs , 02=3528 LEDs, 03= 5050 LEDs,
07= 3014LEDs Top view, 08=3014 LEDs Side view, 09= 2835LEDs, 10=2110 LEDs, 16= 2216 LEDs, 00= COB

VII: ⑥ represent width of pcb , If ⑥ is 0 , it means 10mm , 2= 12mm , 3=13mm, 4= 14mm, 5= 5mm, 6= 6mm,
7= 7mm, 8= 8mm, 9= 9mm, A= 3mm, B= 4mm ,
C= 7.5mm, D=15mm, E= 19mm, F= 20mm, G= 30mm, H= 15.6mm, I= 11.5mm, J= 39mm, K=16mm, L=4.8mm, M= 8.5mm, N= 3.5mm

VIII: ⑦ represent rows of LEDs in pcb , If ⑦ is A , it means single row , B means double rows, C means triple rows,
D means quadruple rows.

IX : ⑧ represent rated current of single LED , If ⑧ is 1 , it means 10mA ,
2= 11-20mA
3= 21-30mA
4= 31-40mA
5= 41-50mA
6= 51-60mA
7= 61-70mA
8= 71-80mA
9= 80-90mA

X : ⑨ represent Ra (CRI) of strip light , If ⑨ is 7 , it means CRI 70 ,
8= CRI80
9= CRI90
5= CRI95
6= CRI97
0= No CRI Request /RGB

Examples :