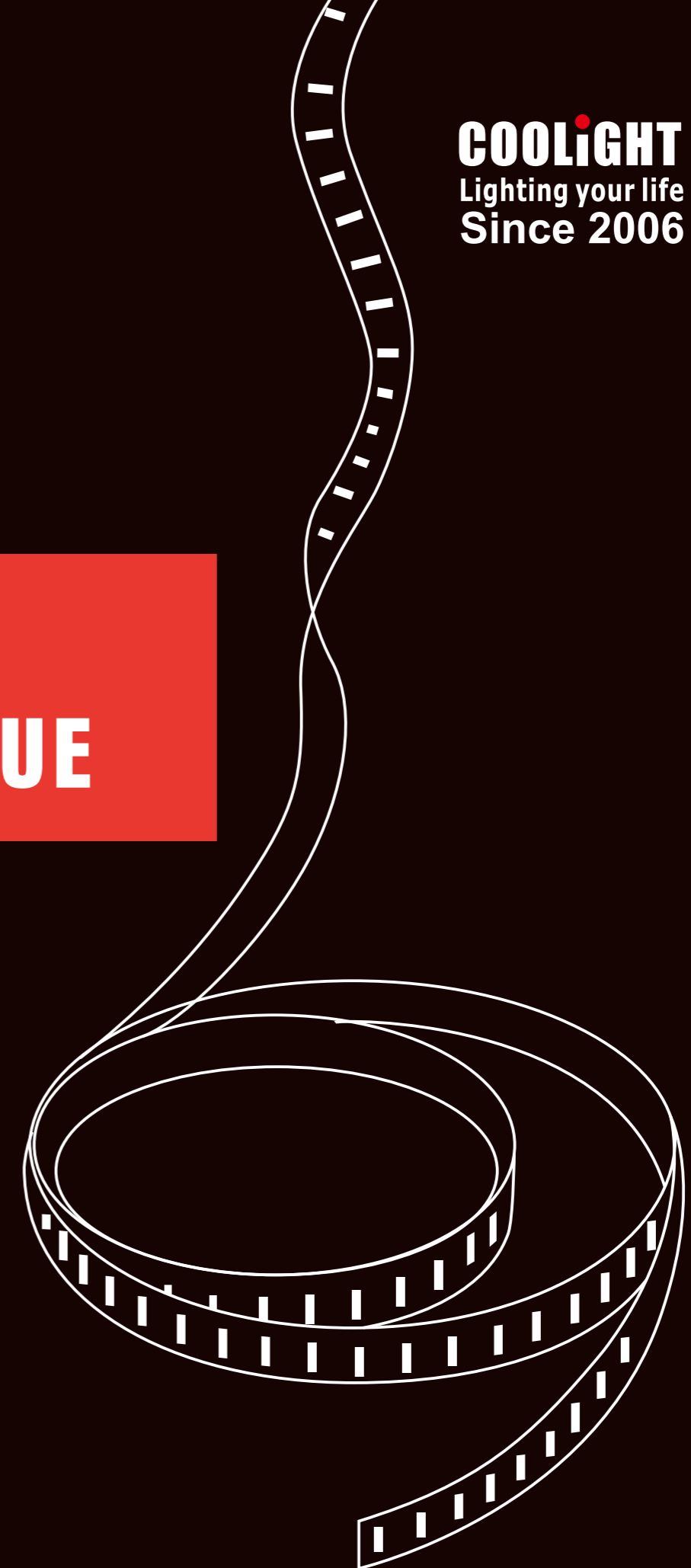


COOLIGHT

**COOLIGHT**  
Lighting your life  
Since 2006

# 2020 CATALOGUE



COB



2110



2835



2216



5050



3528



WATERPROOF



NEON



COOLIGHT

Shenzhen Coolight Opt-Ele Co., Ltd

Guangfeng Science & Technology Park,  
Shenzhen, Guangdong, China

Tel: +86-755-8452 8176  
Fax: +86-755-8452 8173

E-mail: [sales@coolightled.com](mailto:sales@coolightled.com)  
Website: [www.coolightled.com](http://www.coolightled.com)

2020 CATALOGUE

Shenzhen Coolight Opt-Ele Co., Ltd  
[www.coolightled.com](http://www.coolightled.com)

**COOLiGHT**  
Lighting your life  
Since 2006

**Over 13 Year of Experience for LED Light**



# COOLIGHT | Company profile

Lighting your life Since 2006

## COOLIGHT, lighting your life

With over 13 years of commitment to developing and improving our range of Flexible LED strip COOLIGHT is now a leading manufacturer of high quality Flexible LED strip in China.

Our commitment to quality, service and competitive pricing ensures that our customers have 100% trust in COOLIGHT and the products we supply, the secret to our success is due to focusing on one main product to ensure that we are at the forefront of technology providing technical advice and solutions to all our customers.

We export 100% of our products to more than 40 countries and regions including **Europe**, North America, **Southeast Asia**, **Middle East** and **South America** etc.

We export over 12million meters of LED Strips every year into a wide range of industries and they are used in many different applications such as Hotel lighting, Shop lighting, Kitchen and Cabinet lighting, Caravans and Cruise ships.

Over the past 3 years, we have invested over 1 million USD dollars in our laboratory, testing equipment and production facility and we have implemented advanced automotive production systems to supply the highest quality LED strip products to our customers.

- 10 SMT machine.
- 4 automatic solder paste printer
- 2 heat reflow soldering machine.
- 2 line of waterproof extrusion machine
- 3 integrating sphere
- 4 automotive soldering line
- 2 automotive label line
- 1 automotive aging test line
- 2 logo print machine

COOLIGHT is the first LED Strip manufacturer to install a fully operational professional laboratory and testing facility to ensure that the LED strip products we supply are 100% reliable.

The Quality Control system we operate is to ISO9001:2015 to ensure that we conform to all the current standards.

COOLIGHT was co-founded in 2006 by Ms.Mary Long and Mr.David Zhu.

We have a strong Research and Development team under the guidance of our Mr.David Zhu, who by analysing market demand and working together with our long-term business partners ensures that we are at the forefront of design and technology ensuring that we are the first to launch new products in the industry.

Mr.David Zhu graduated from Yantai University in 2002 with a 'Master's Degree' from CUHK ( The Chinese University of Hong Kong) In 2017. Mr Zhu took responsibility for ensuring that COOLIGHT is the forefront of innovation, developing new products and managing COOLIGHT's strategy for the future development of the company.

We have a strong Sales team lead by our C.E.O Ms.Mary Long who has over 15 years marketing and sales experience in the LED industry.

Ms.Long leads by example and promotes her beliefs of 'Just do it' and 'no excuses' which has resulted in a passionate sales team.

In COOLIGHT we have clear KPI's(key performance indicators) for every employee, which ensures that each member of our team has clear targets, goals and responsibilities to work towards.

COOLIGHT offers all employees diverse training programmes, including technical training, human relations and children's education, which helps all our employees live happier lives outside their work environment.

COOLIGHT is always looking to the future. Quality and Service are the keys to ensuring a close relationship with all our customers.

### DEAR VALUED PARTNERS:

It is with great honour that I have taken on the position of CEO at COOLIGHT. We are a dynamic team with more than 13 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 CEO, 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 loyalty 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

Lighting your life  
Since 2006

## History

### COOLIGHT

Coolight established.

▲ 2006



Coolight set up factory.

▲ 2008



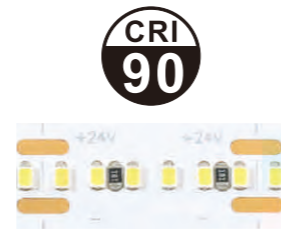
Coolight Pass ISO9001:2008

▲ 2010



Coolight set up laboratory.

▲ 2011



Coolight released 2216 CRI>90 flexible LED strip.

▲ 2012



Coolight flexible LED strips got UL listed

▲ 2016



Coolight was the biggest 2216 flexible LED strip manufacturer.

2015  
2016  
▲ 2017



Coolight SMD LED packaged established

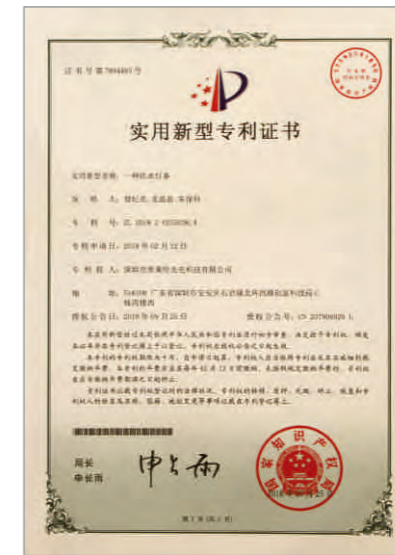
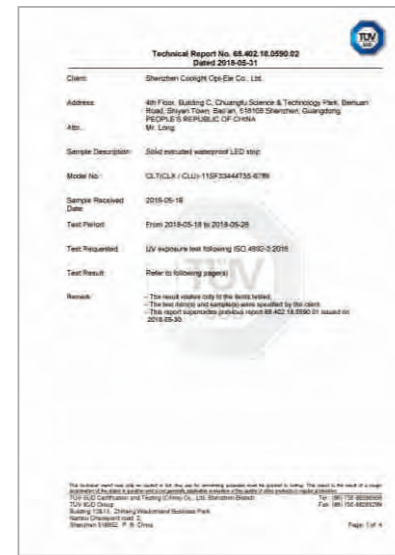
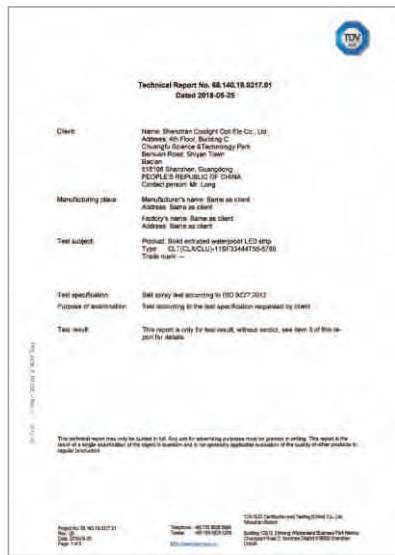
▲ 2019



Coolight passed ISO9001:2015. released 2110 CRI>90 DUV±0.0033 R9>60 series flexible LED strip

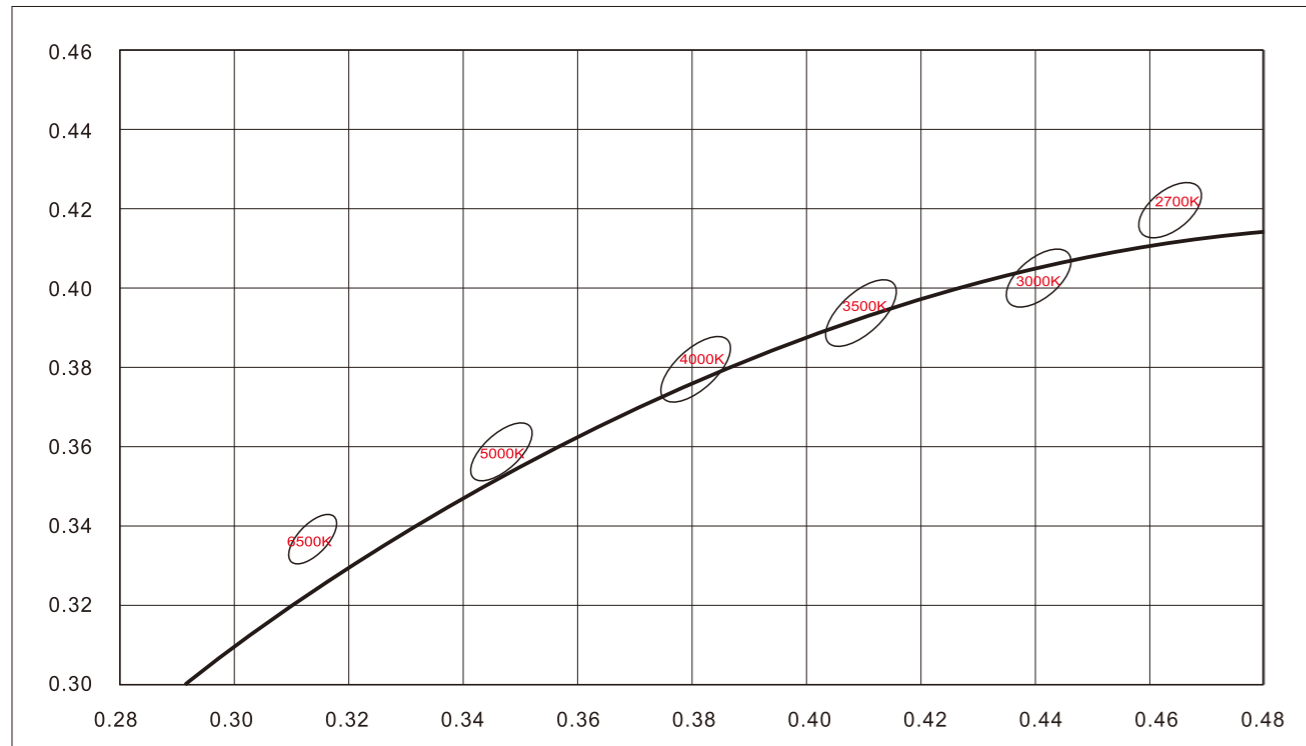
▲ 2018



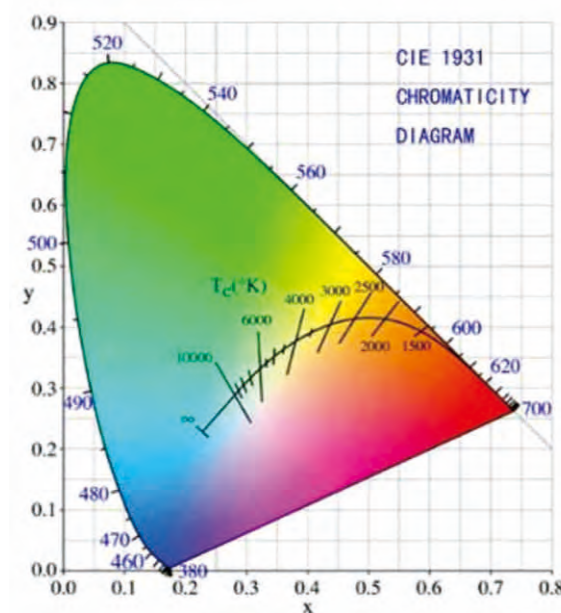




# 3-step Macadam LED



- 1) Narrow BIN for 3528,2835 .
- 2) Only ±100K tolerance under 4000K.
- 3) Color constance is very high.

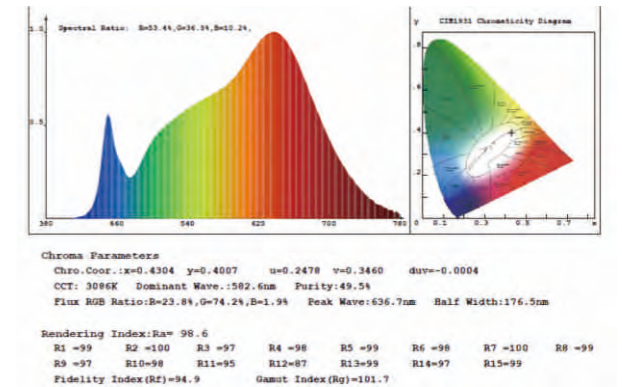


We strictly follow the Standard Macadam 3Step, CIE1931

COOLIGHT 3-Step MacAdam 3528led CCT				
Remark:COOLIGHT 3528 CENTRAL CCT and XY is IEC 60081:1997 Amex.D Standard				
Item	Central CCT	(X,Y)	3SDCM	CCT Tolerance
1	6400K	X=0.313,Y=0.337	6281-6599K	-119K, +199K
2	5000K	X=0.346,Y=0.359	4880-5121K	-120K, +121K
3	4040K	X=0.380,Y=0.380	3948-4130K	-92K, +90K
4	3450K	X=0.409,Y=0.394	3352-3522K	-98K, +72K
5	2940K	X=0.440,Y=0.403	2889-2984K	-51K, +44K
6	2720K	X=0.463,Y=0.420	2685-2764K	-35K, +44K

# Tm-30-15 Tested High Fidelity And Full Color Gamut

TM-30-15 is a new and improved IES method for characterizing the color rendering ability of white light sources. While CRI and extended CRI utilize 8 and 15 color samples, respectively, they do not necessarily represent the actual colors that we would encounter in the real world. The new fidelity index(Rf) developed under TM-30-15, on the other hand, utilizes 99 color samples in its calculation, providing a much more statistically representative and reliable metric in describing a light source's ability to faithfully render colors. In line with CRI, the best possible score for Rf under the TM-30-15 is 100.

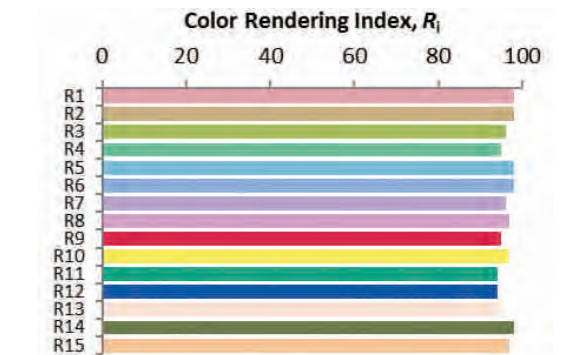


## HIGH FIDELITY INDEX Rf UNDER THE TM-30-15

Fidelity Index(Rf):A measurement of fidelity comparable to CIE(Ra)but averages the values of 99 color samples instead of 8. A higher value typically provides a more accurate rendition of color in comparison to a natural light source. TM-30 measures against 99 color samples, all used to provide Fidelity(Rf). Gamut(Rg)andColor Vector Graphics



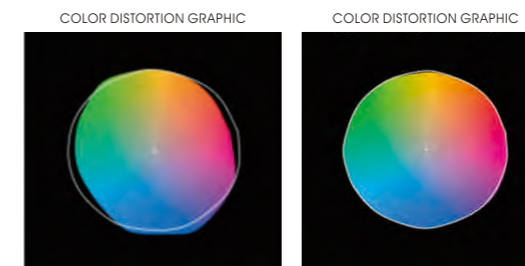
Color Rendering Index(CRI):8 or 15 color samples



## FULL COLOR GAMUT(Rg)AS PER TM-30-15

Gamut Index(Rg):Gamut(Rg)measures the average hue and saturation(chroma)shift of a indicates average desaturation.

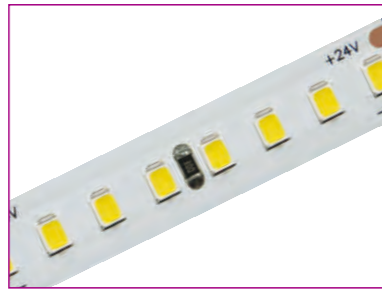
light source using 99 color samples. Avalue of 60-99





COB LED Strip

P11-14



2835  
Full Spectrum Series

P15-22



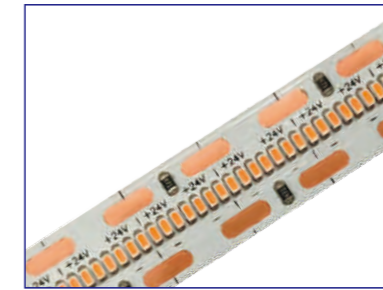
2835  
High Efficiency Series

P23-46



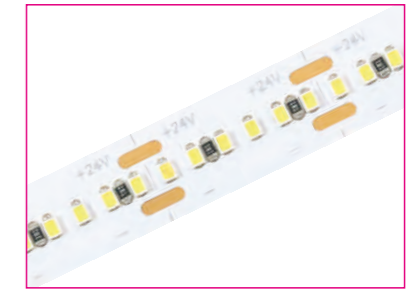
2835  
Standard Series

P47-54



2110 LED Strip

P55-78



2216 LED Strip

P79-94



P95-102

5050 LED Strip



P103-110

3528 LED Strip



P111-122

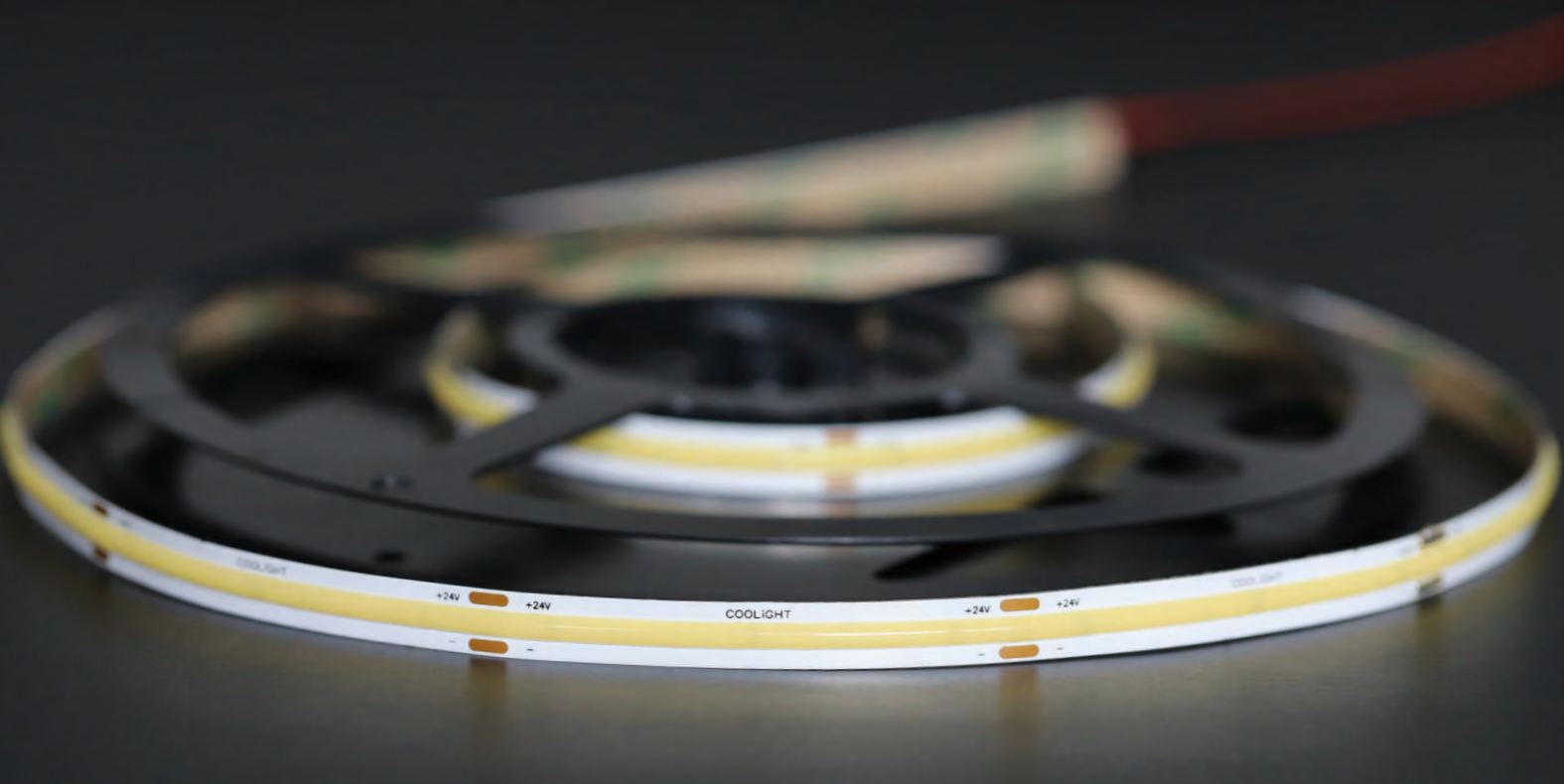
Waterproof LED Strip



P123-132

Neon LED Strip





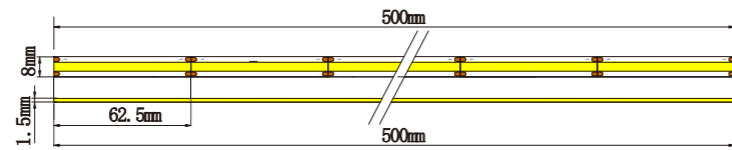
### 512 LED/m 24V

#### Electrical Data

- Number Led/M : 512pcs
- Power W/m : 11W
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 62.5mm

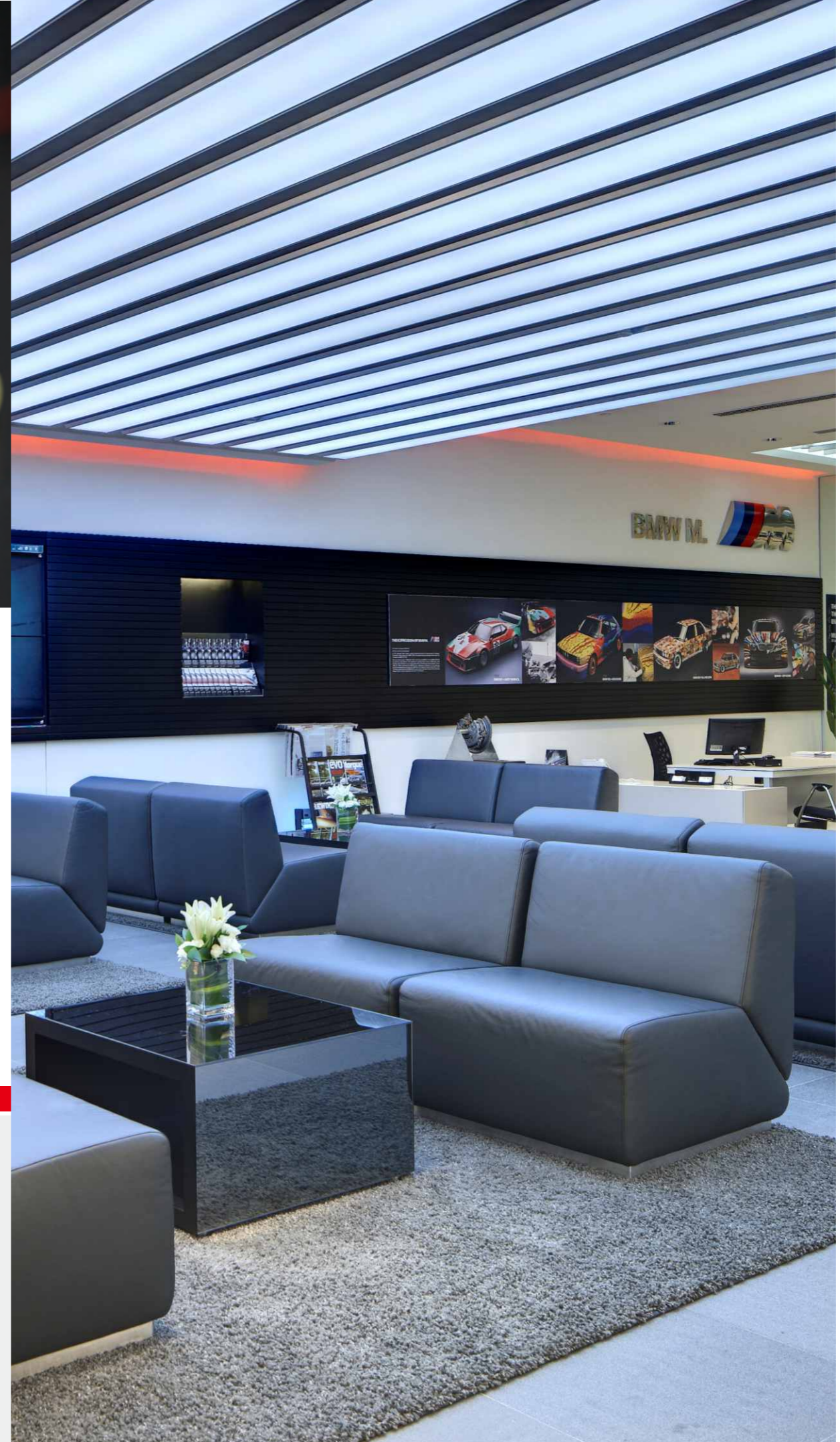
#### Standards / Normative Requirements

- Eye security : IEC 62471
- 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	CCT(K)	CRI	Pow(W/m)	LM/W	LM/M	V/ DC	IP
CLT-KNNF24512T00-8A39	2700	>90	11	85	935	24	20
CLT-INNF24512T00-8A39	3000	>90	11	85	935	24	20
CLT-DNNF24512T00-8A39	4000	>90	11	95	1045	24	20
CLT-WNNF24512T00-8A39	6500	>90	11	95	1045	24	20

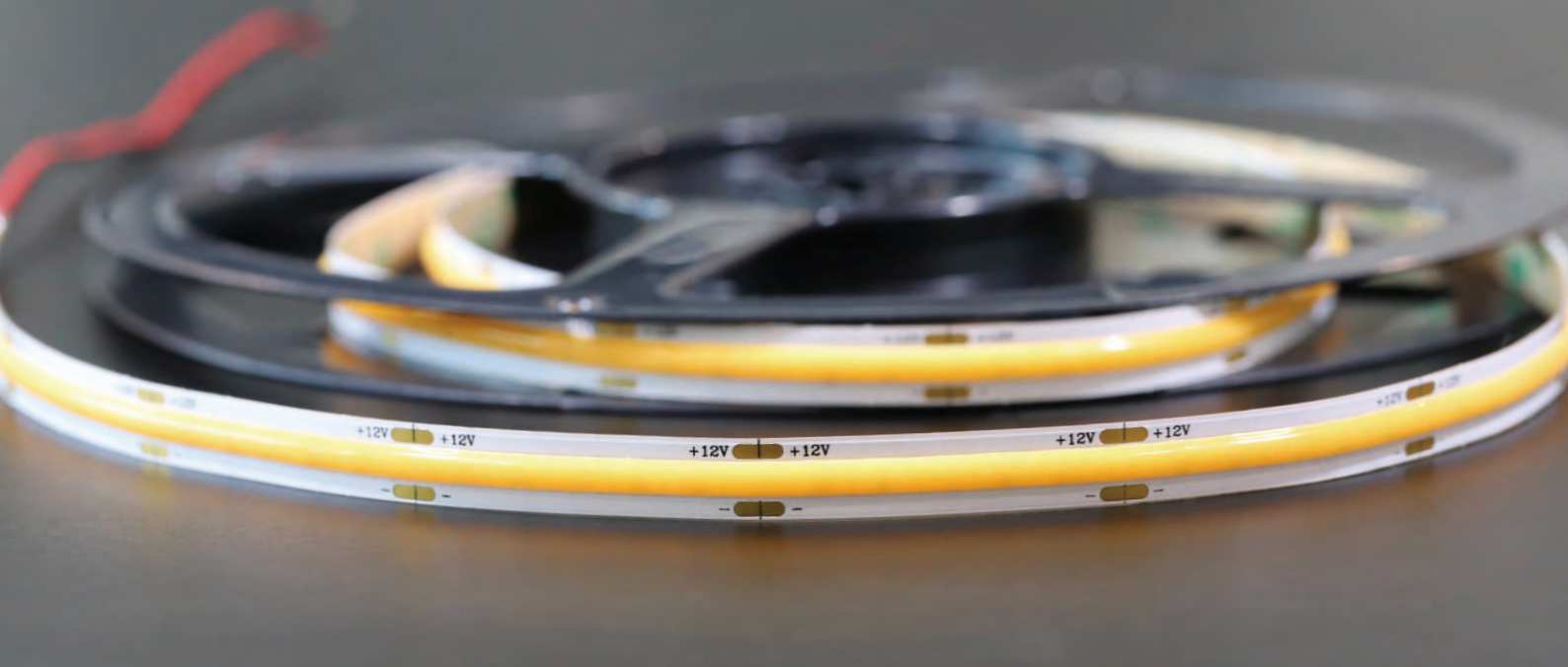


#### Power Supplies



60W LED Driver  
LPV-60-24/LPV-60-12  
DC12/24V  
2.5A/5A





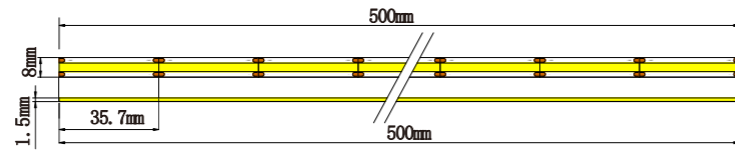
### 504 LED/m 12V

#### Electrical Data

- Number Led/M : 504pcs
- Power W/m : 11W
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 35.7mm

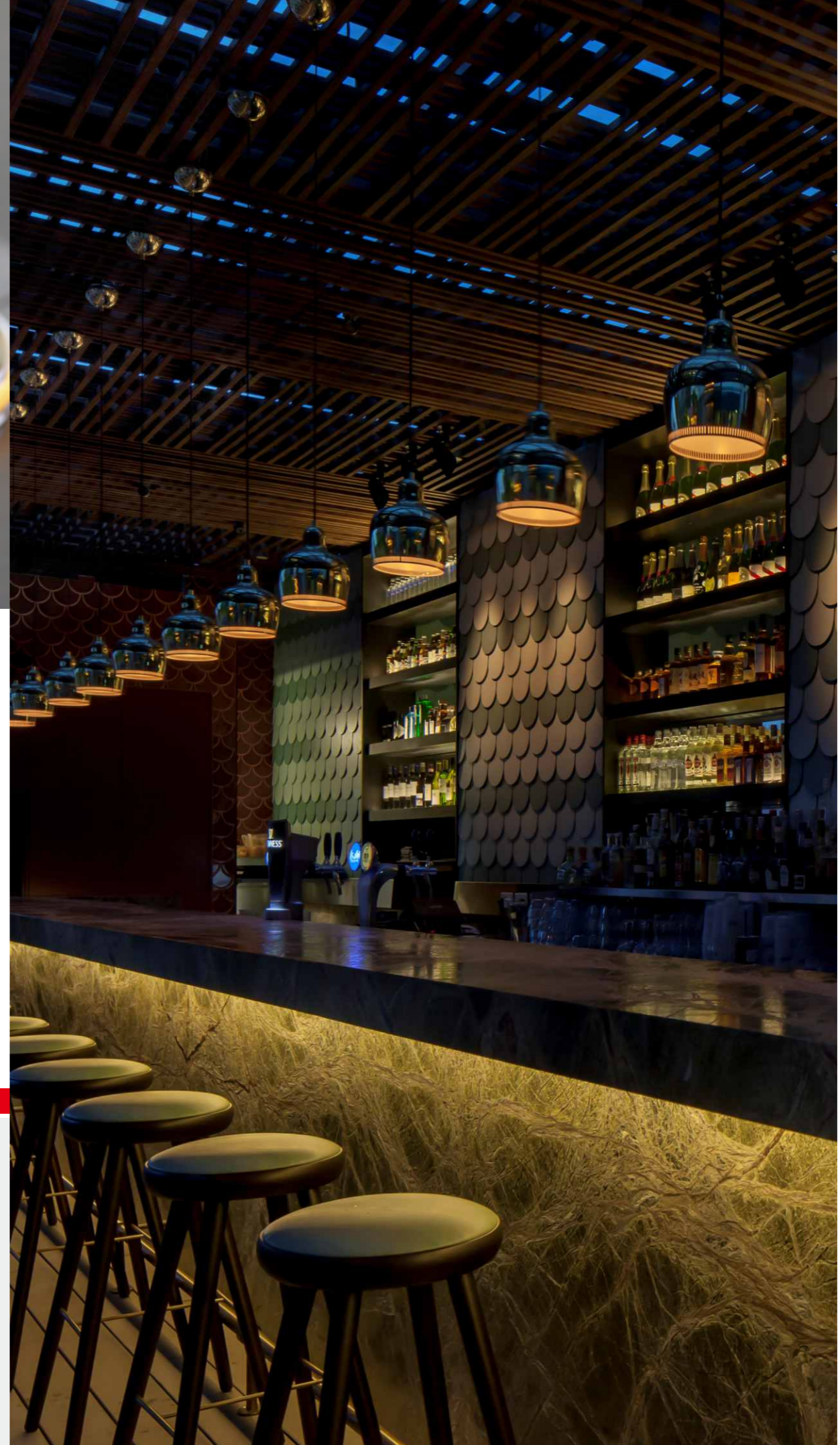
#### Standards / Normative Requirements

- Eye security : IEC 62471
- 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	CCT(K)	CRI	Pow(W/m)	LM/W	LM/M	V/ DC	IP
CLT-KNNF12504T00-8A39	2700	>90	11	70	770	12	20
CLT-INNF12504T00-8A39	3000	>90	11	70	770	12	20
CLT-DNNF12504T00-8A39	4000	>90	11	75	825	12	20
CLT-WNNF12504T00-8A39	6500	>90	11	75	825	12	20



#### Power Supplies



60W LED Driver  
LPV-60-24/LPV-60-12  
DC12/24V  
2.5A/5A





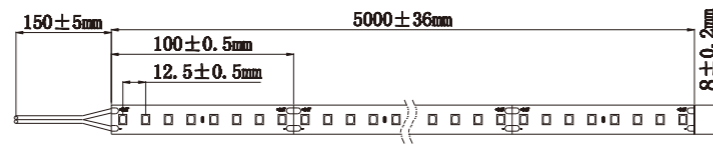
### 2835 LED Strip-80LED/m 24V CRI>95 R1-R15>90 4.8W

#### Electrical Data

- Number Led/M : 80pcs
- Power W/m±10% : 4.8W
- PCB Width : 8mm
- CRI : >95
- R1-R15 : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24080T09-8A26	2700	>95	4.8	110	528	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24080T09-8A26	3000	>95	4.8	115	552	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24080T09-8A26	4000	>95	4.8	125	600	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

- The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
- Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

#### LED strip connectors

##### Type One:

801099000138  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm width 2pin



102762000320  
TYPE: QJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



##### Type Two:

801099000151  
TYPE: QJ-SL8XB-2  
Monochrome 8mm width 2pin



102762000353  
TYPE: QJ-SL8BB-2  
Monochrome 8mm wide 2pin



801099000191  
TYPE: QJ-SL8XB-2  
Monochrome 8mm width 2pin



#### Accessories

- Strip -To-Driver Connector With 20AWG 150mm Wires
- Strip -To-Strip Connector Without Wires
- Strip -To-Strip Connector With 20AWG 150mm Wires





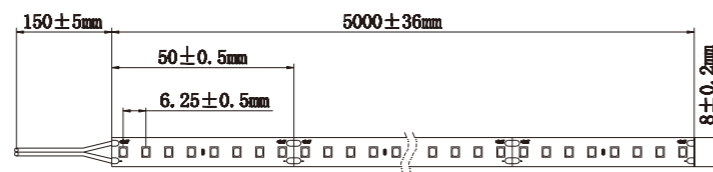
### 2835 LED Strip-160LED/m 24V CRI>95 R1-R15>90 9.6W

#### Electrical Data

- Number Led/M : 160pcs
- Power W/m±10% : 9.6W
- PCB Width : 8mm
- CRI : >95
- R1-R15 : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product Parameters

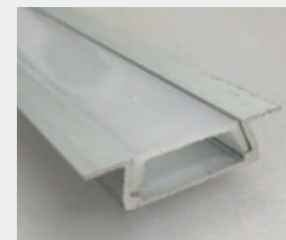
Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24160T09-8A26	2700	>95	9.6	105	1008	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24160T09-8A26	3000	>95	9.6	115	1004	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24160T09-8A26	4000	>95	9.6	125	1200	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

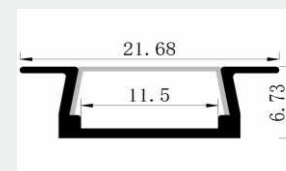
1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

#### Aluminum Profile

##### Product Picture



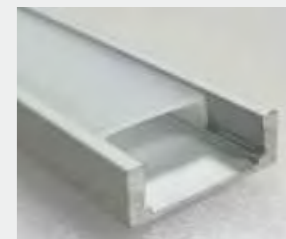
##### Design specification



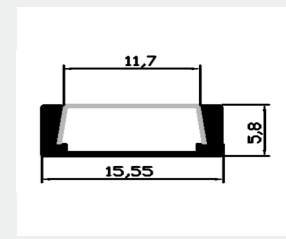
##### Description

- LS-047  
Features:  
1.Dimensions:3000\*22\*07MM  
2.Profile: 1M  
3.PC cover:1M  
4.PCB Width: 11MM

##### Product Picture



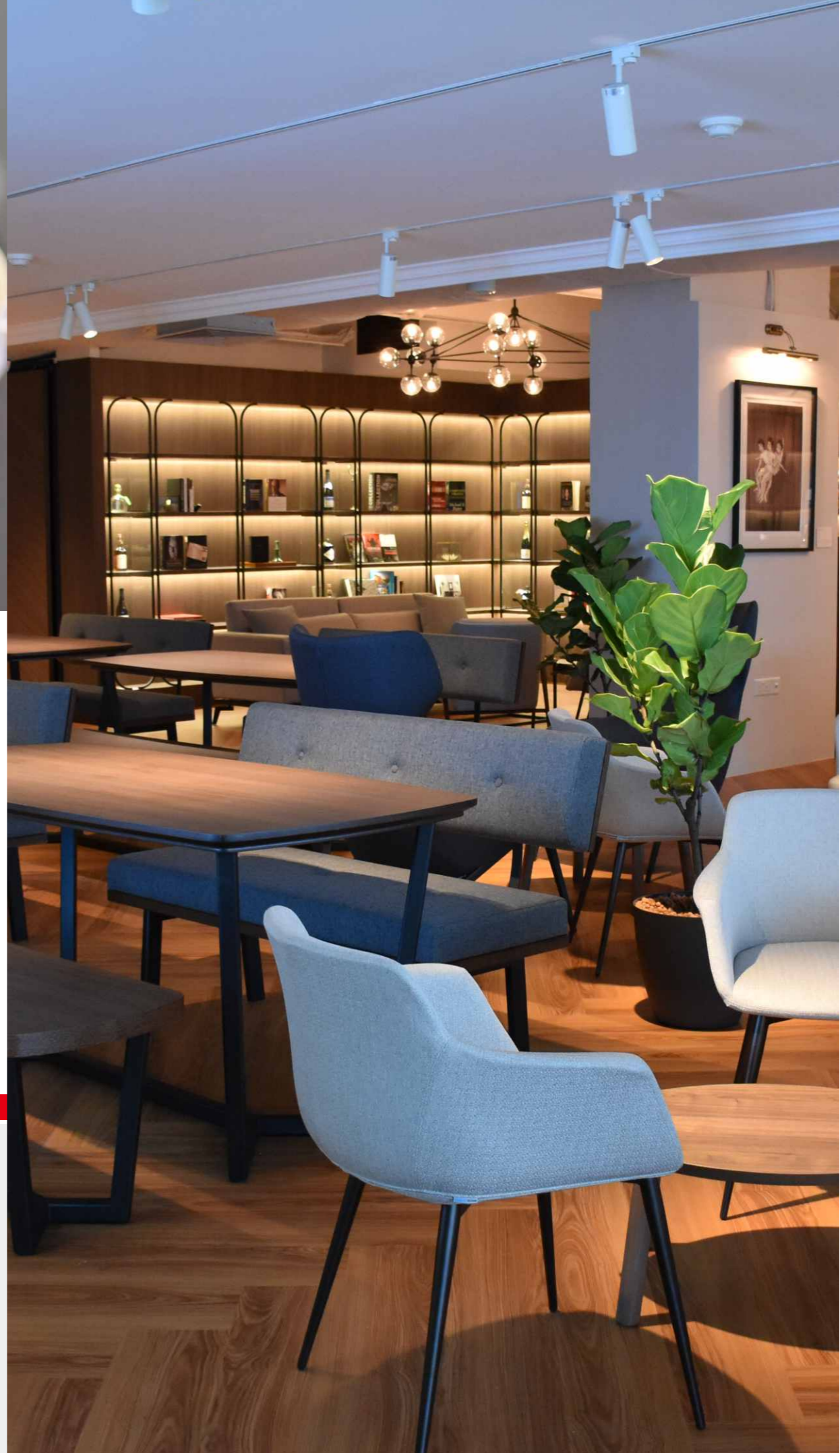
##### Design specification



##### Description

- LS-048  
1.Dimensions:1000\*16\*6MM  
2.Profile: 1M  
3.Frosted or clear cover  
4.PCB Width:11mm





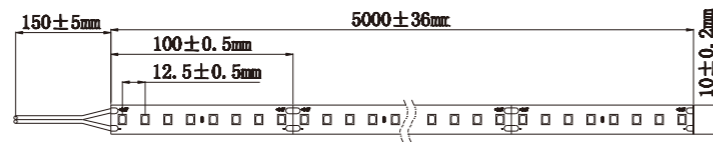
### 2835 LED Strip-80LED/m 24V CRI>95 R1-R15>90 14.4W

#### Electrical Data

- Number Led/M : 80pcs
- Power W/m±10% : 14.4W
- PCB Width : 10mm
- CRI : >95
- R1-R15 : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24080T09-0A66	2700	>95	14.4	100	1440	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24080T09-0A66	3000	>95	14.4	105	1512	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24080T09-0A66	4000	>95	14.4	110	1584	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

#### LED strip connectors

##### Type One:

801099000138  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



102762000320  
TYPE: QJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



##### Type Two:

801099000151  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



102762000353  
TYPE: QJ-SL8BB-2  
Monochrome 8mm wide 2pin



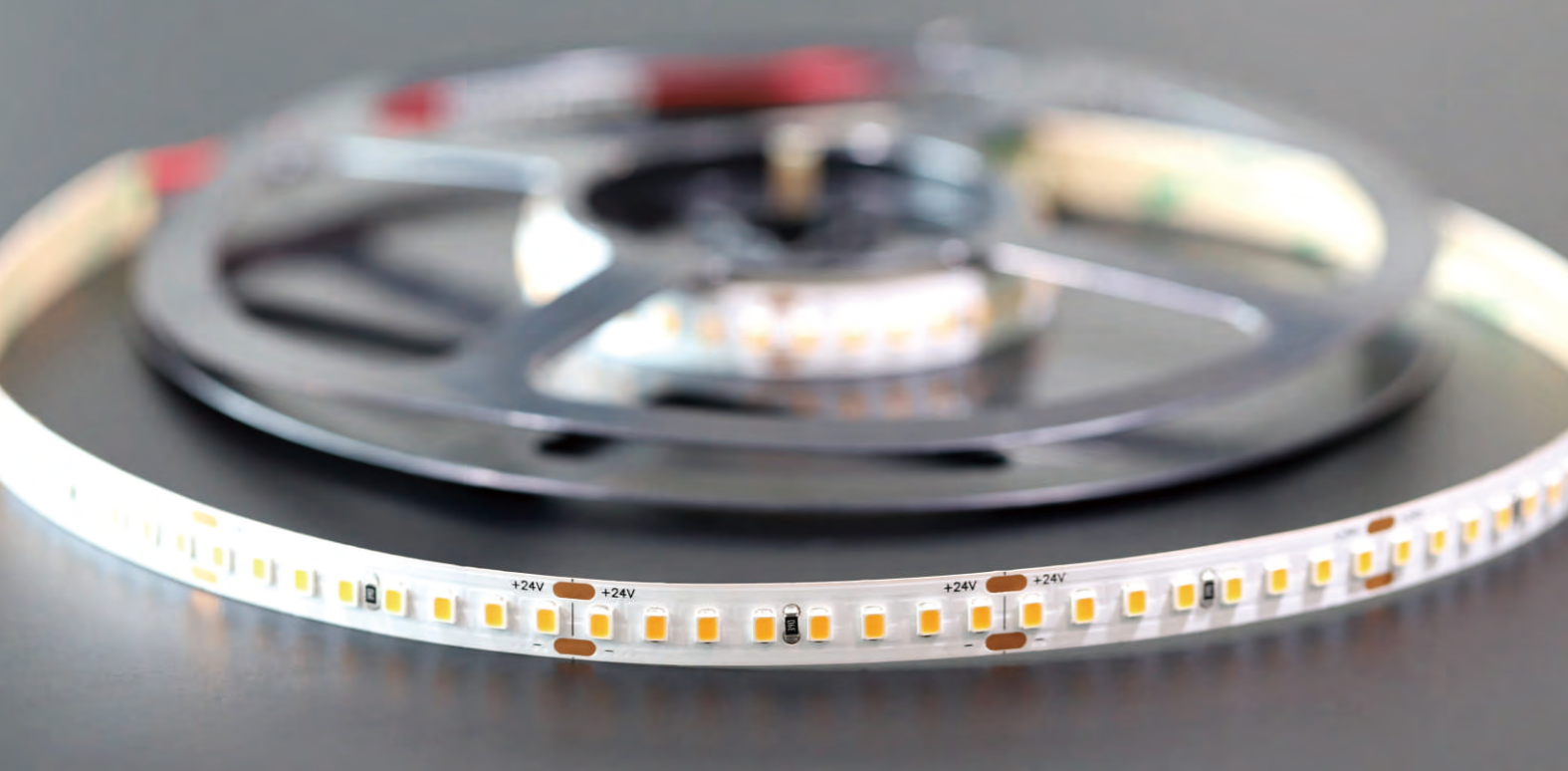
801099000191  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





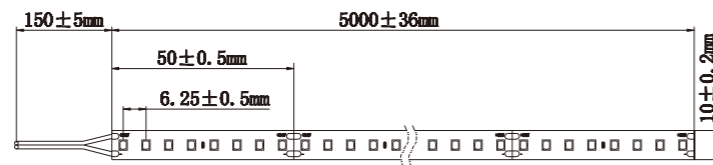
### 2835 LED Strip-160LED/m 24V CRI>95 R1-R15>90 19.2W

#### Electrical Data

- Number Led/M : 160pcs
- Power W/m±10% : 19.2W
- PCB Width : 10mm
- CRI : >95
- R1-R15 : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes

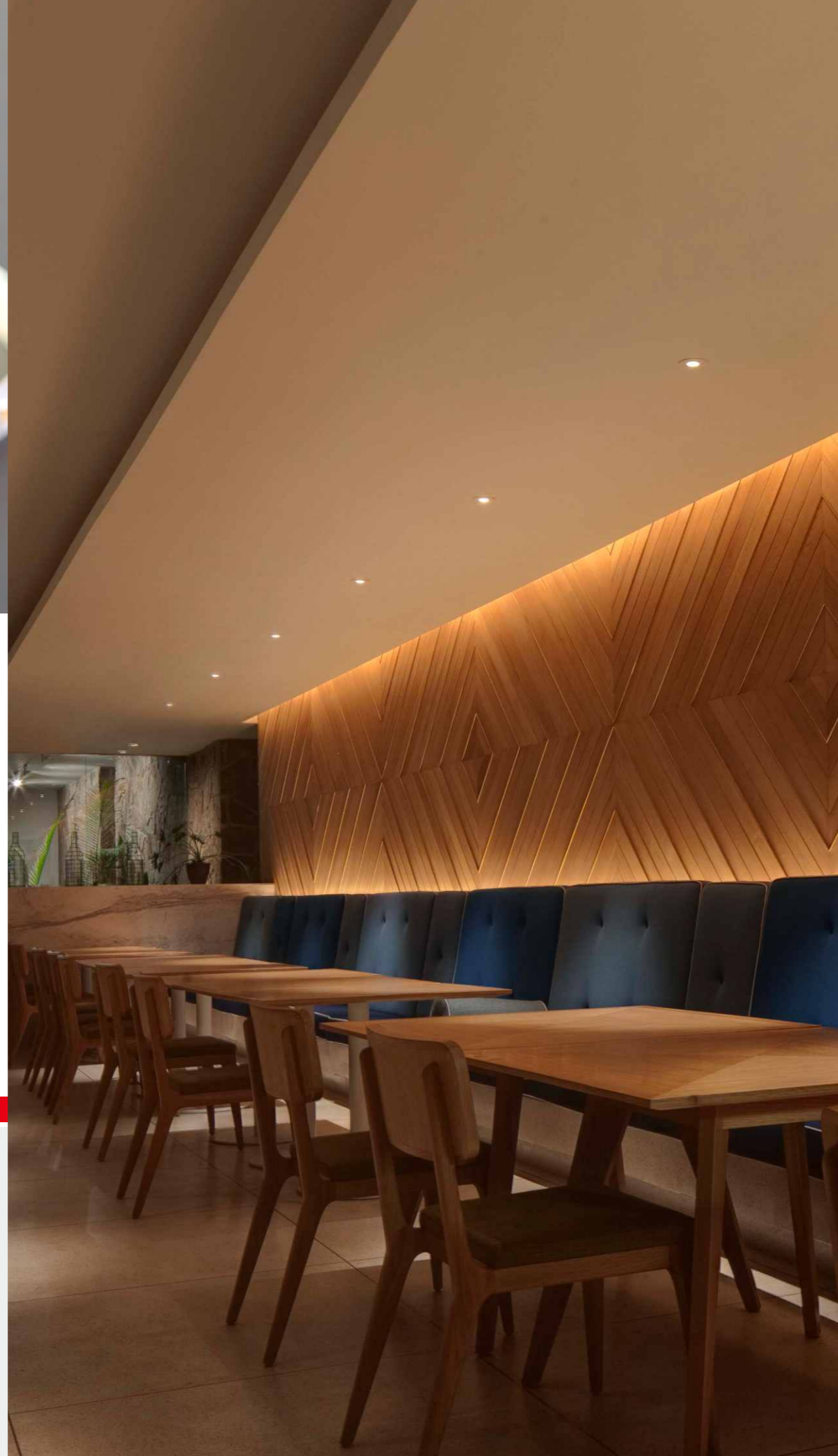


#### Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24160T09-8A26	2700	>95	19.2	100	1920	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24160T09-8A26	3000	>95	19.2	110	2112	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24160T09-8A26	4000	>95	19.2	120	2304	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

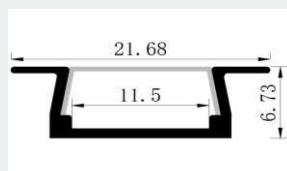


#### Aluminum Profile

##### Product Picture



##### Design specification



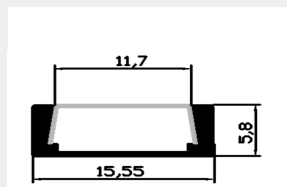
##### Description

- LS-047  
Features:  
1.Dimensions:3000\*22\*07MM  
2.Profile: 1M  
3.PC cover:1M  
4.PCB Width: 11MM

##### Product Picture



##### Design specification



##### Description

- LS-048  
1.Dimensions:1000\*16\*6MM  
2.Profile: 1M  
3.Frosted or clear cover  
4.PCB Width:11mm





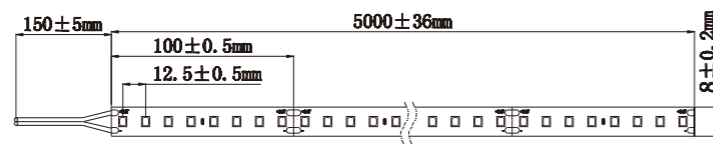
### 2835 LED Strip-80LED/m 24V CRI>95 4.8W

#### Electrical Data

- Number Led/M : 80pcs
- Power W/m±10% : 4.8W
- PCB Width : 8mm
- CRI : >95
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24080T09-8A25	2700	>95	4.8	115	552	24 (12)	20 (54A/B / 66A/B/C / 67)
CLT-INNF24080T09-8A25	3000	>95	4.8	120	576	24 (12)	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24080T09-8A25	4000	>95	4.8	130	624	24 (12)	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24080T09-8A25	6500	>95	4.8	130	624	24 (12)	20 (54A/B / 66A/B/C / 67)

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

#### LED strip connectors

##### Type One:

801099000138  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



102762000320  
TYPE: QJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



##### Type Two:

801099000151  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



102762000353  
TYPE: QJ-SL8BB-2  
Monochrome 8mm wide 2pin



801099000191  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





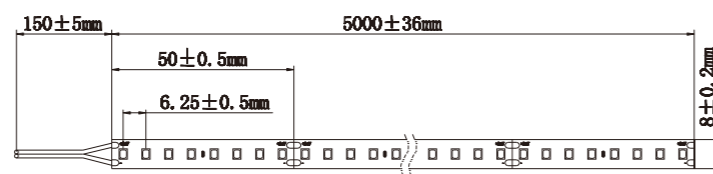
### 2835 LED Strip-160LED/m 24V CRI>95 9.6W

#### Electrical Data

- Number Led/M : 160pcs
- Power W/m±10% : 9.6W
- PCB Width : 8mm
- CRI : >95
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product Parameters

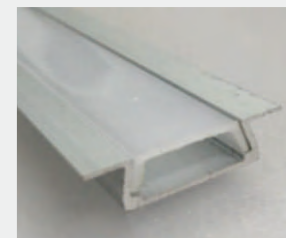
Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24160T09-8A25	2700	>95	9.6	115	1104	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24160T09-8A25	3000	>95	9.6	120	1152	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24160T09-8A25	4000	>95	9.6	125	1200	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24160T09-8A25	6500	>95	9.6	125	1200	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

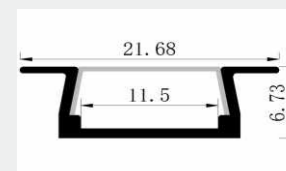
1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

#### Aluminum Profile

##### Product Picture



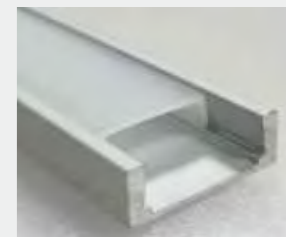
##### Design specification



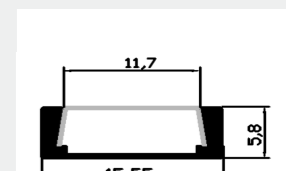
##### Description

- LS-047  
Features:  
1.Dimensions:3000\*22\*07MM  
2.Profile: 1M  
3.PC cover:1M  
4.PCB Width: 11MM

##### Product Picture



##### Design specification



##### Description

- LS-048  
1.Dimensions:1000\*16\*6MM  
2.Profile: 1M  
3.Frosted or clear cover  
4.PCB Width:11mm





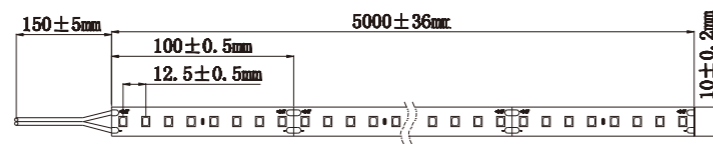
### 2835 LED Strip-80LED/m 24V CRI>95 14.4W

#### Electrical Data

- Number Led/M : 80pcs
- Power W/m±10% : 14.4W
- PCB Width : 10mm
- CRI : >95
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24080T09-0A65	2700	>95	14.4	105	1512	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24080T09-0A65	3000	>95	14.4	110	1584	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24080T09-0A65	4000	>95	14.4	120	1728	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24080T09-0A65	6500	>95	14.4	120	1728	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

#### LED strip connectors

##### Type One:

801099000138  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



102762000320  
TYPE: QJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



##### Type Two:

801099000151  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



102762000353  
TYPE: QJ-SL8BB-2  
Monochrome 8mm wide 2pin



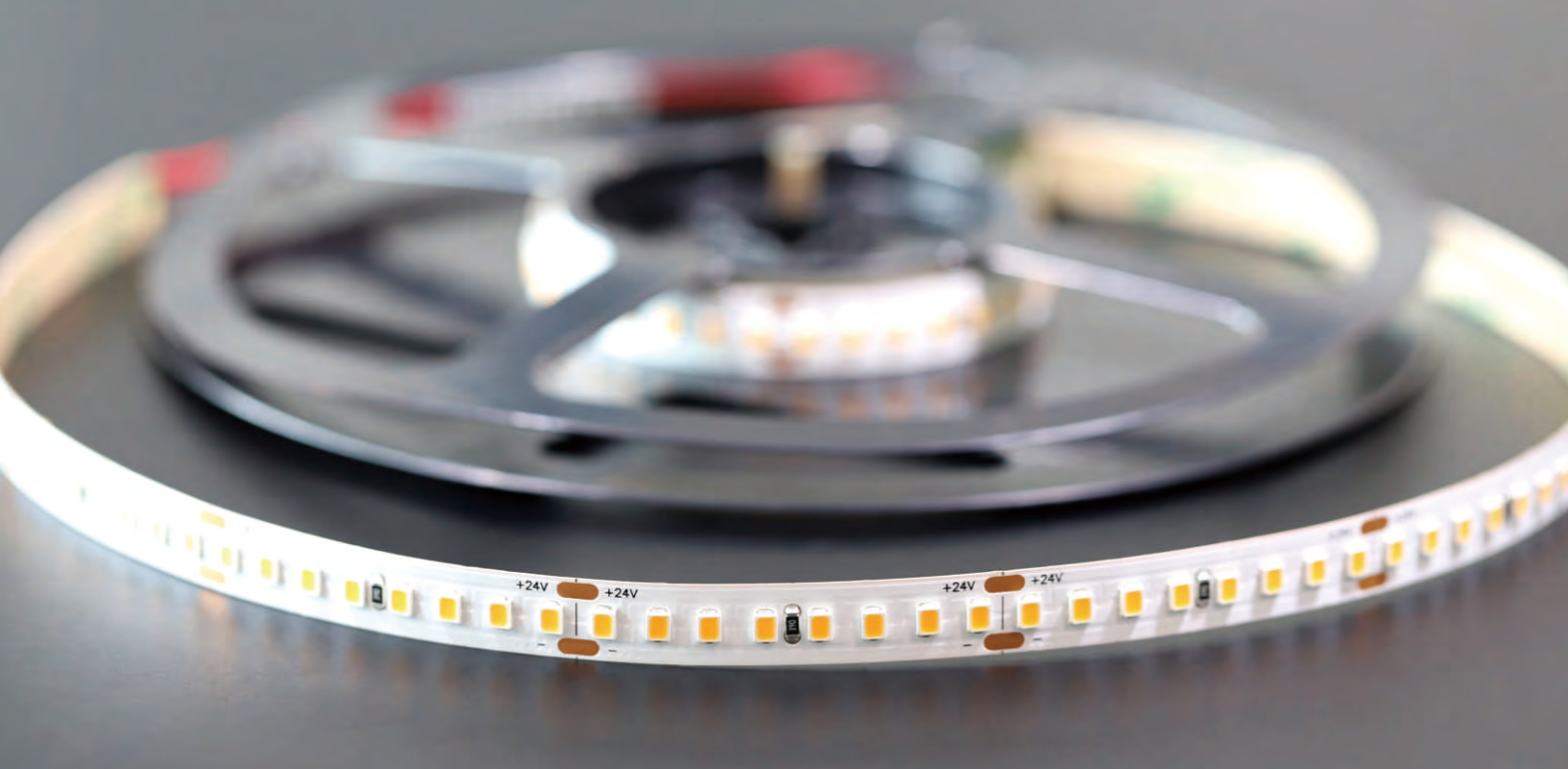
801099000191  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





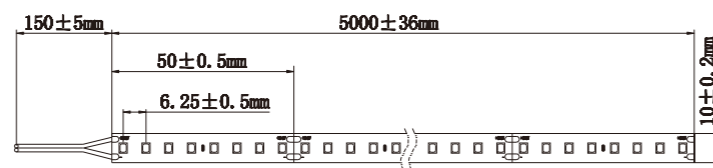
### 2835 LED Strip-160LED/m 24V CRI>95 19.2W

#### Electrical Data

- Number Led/M : 160pcs
- Power W/m±10% : 19.2W
- PCB Width : 10mm
- CRI : >95
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24160T09-0A45	2700	>95	19.2	110	2112	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24160T09-0A45	3000	>95	19.2	115	2208	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24160T09-0A45	4000	>95	19.2	125	2400	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24160T09-0A45	6500	>95	19.2	125	2400	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

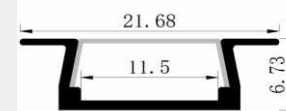
1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

#### Aluminum Profile

##### Product Picture



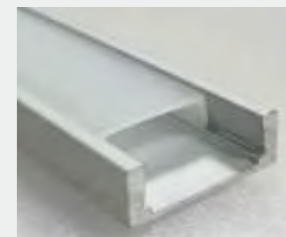
##### Design specification



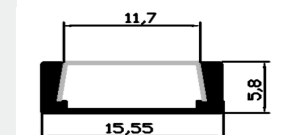
##### Description

- LS-047  
Features:  
1.Dimensions:3000\*22\*07MM  
2.Profile: 1M  
3.PC cover:1M  
4.PCB Width: 11MM

##### Product Picture



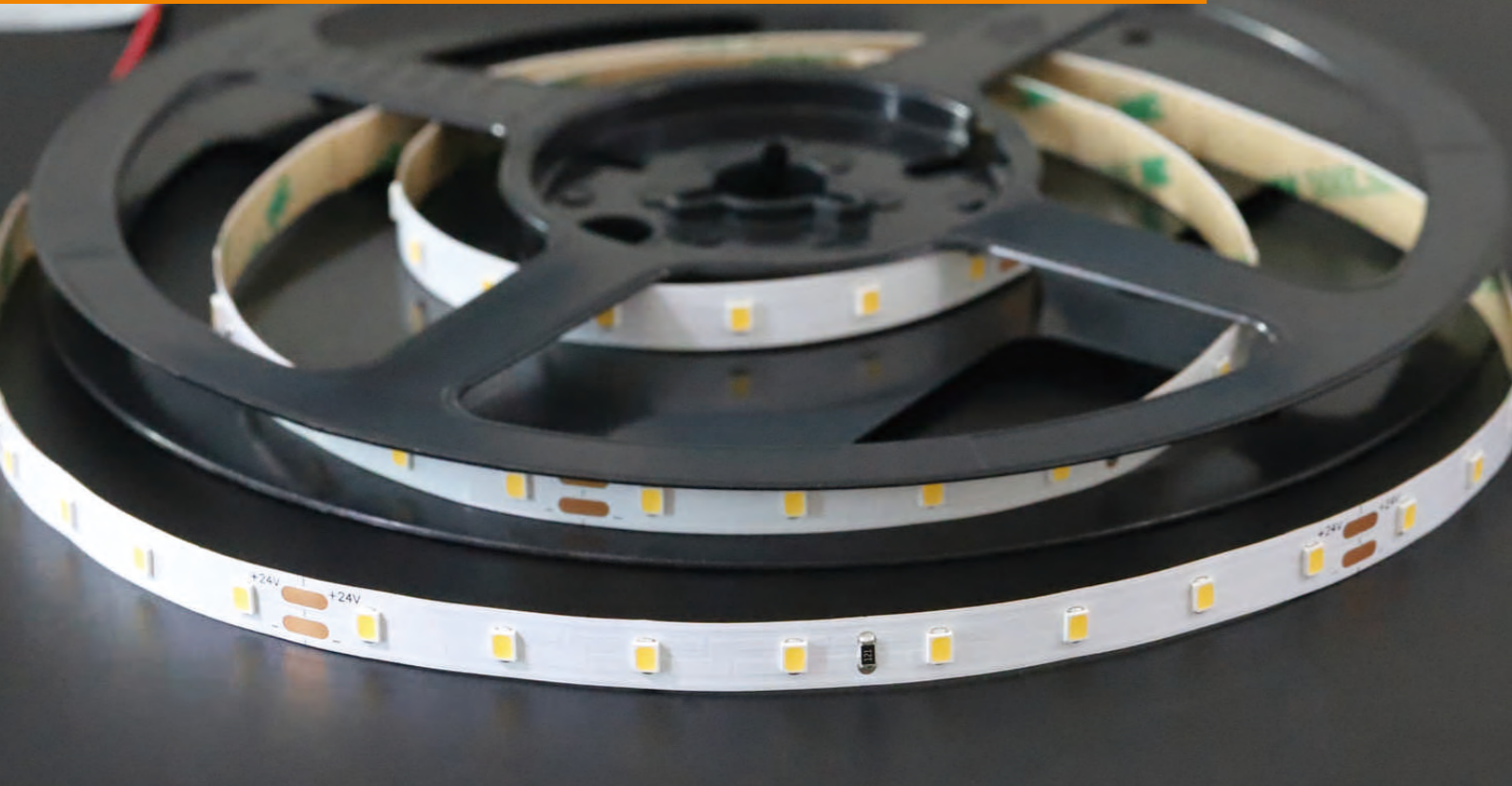
##### Design specification



##### Description

- LS-048  
1.Dimensions:1000\*16\*6MM  
2.Profile: 1M  
3.Frosted or clear cover  
4.PCB Width:11mm





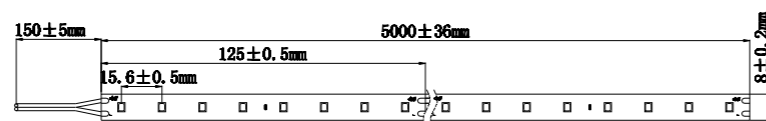
### 64LED/m 24V

#### Electrical Data

- Number Led/M : 64pcs
- Power W/m±10% : 4.8
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 125mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes

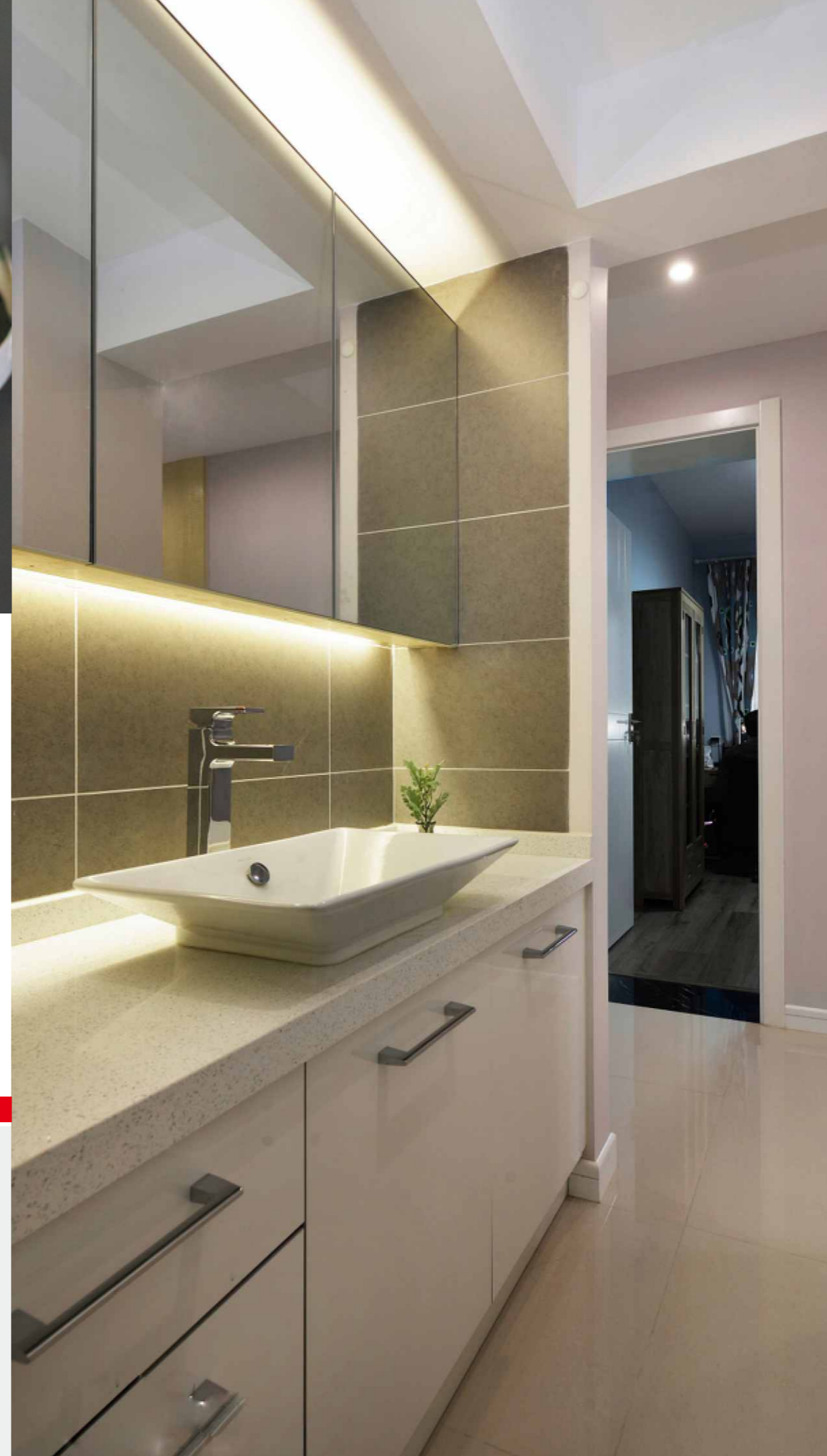


#### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24064T09-8A39	2700	>90	4.8	120	576	24	20 ( 54A/B/66A/B/C/67 )
CLT-INNF24064T09-8A39	3000	>90	4.8	120	576	24	20 ( 54A/B/66A/B/C/67 )
CLT-DNNF24064T09-8A39	4000	>90	4.8	130	624	24	20 ( 54A/B/66A/B/C/67 )
CLT-WNNF24064T09-8A39	6500	>90	4.8	125	600	24	20 ( 54A/B/66A/B/C/67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



#### LED strip connectors

##### Type One:

801099000140  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm width 2pin



102762000328  
TYPE: QJ-SE-N108B-2  
Monochrome 10mm wide 2pin



801099000134  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm wide 2pin



##### Type Two:

801099000152  
TYPE: QJ-SL10XB-2  
Monochrome 10mm width 2pin



102762000354  
TYPE: QJ-SL108B-2  
Monochrome 10mm wide 2pin



801099000192  
TYPE: QJ-SL10XB-2  
Monochrome 10mm width 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





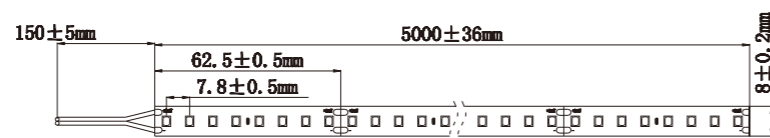
## 128LED/m 24V

### Electrical Data

- Number Led/M : 128pcs
- Power W/m±10% : 9.6
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 62.5mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

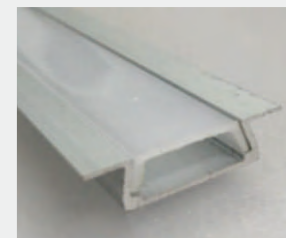
Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24128T09-8A39	2700	>90	9.6	120	1152	24	20 ( 54A/B/66A/B/C/67 )
CLT-INNF24128T09-8A39	3000	>90	9.6	120	1152	24	20 ( 54A/B/66A/B/C/67 )
CLT-DNNF24128T09-8A39	4000	>90	9.6	130	1248	24	20 ( 54A/B/66A/B/C/67 )
CLT-WNNF24128T09-8A39	6500	>90	9.6	125	1200	24	20 ( 54A/B/66A/B/C/67 )

### Cautions :

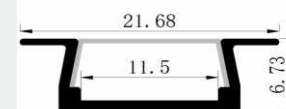
1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

### Aluminum Profile

#### Product Picture



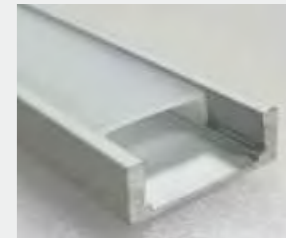
#### Design specification



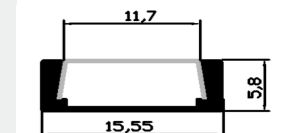
#### Description

- LS-047  
Features:  
1. Dimensions:3000\*22\*07MM  
2. Profile: 1M  
3. PC cover:1M  
4. PCB Width: 11MM

#### Product Picture



#### Design specification



#### Description

- LS-048  
1. Dimensions:1000\*16\*6MM  
2. Profile: 1M  
3. Frosted or clear cover  
4. PCB Width:11mm





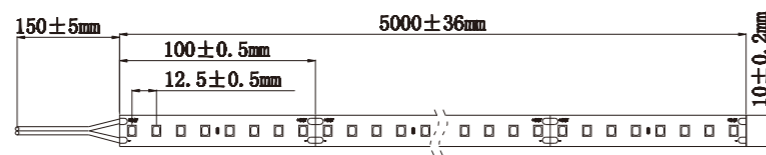
**80LED/m 24V**

**Electrical Data**

- Number Led/M : 80pcs
- Power W/m±10% : 14.4
- PCB Width : 10mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm

**Standards / Normative Requirements**

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



**Product parameters**

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24080T09-0A69	2700	>90	14.4	110	1584	24	20 ( 54A/B/66A/B/C/67 )
CLT-INNF24080T09-0A69	3000	>90	14.4	110	1584	24	20 ( 54A/B/66A/B/C/67 )
CLT-DNNF24080T09-0A69	4000	>90	14.4	120	1728	24	20 ( 54A/B/66A/B/C/67 )
CLT-WNNF24080T09-0A69	6500	>90	14.4	115	1656	24	20 ( 54A/B/66A/B/C/67 )

**Cautions :**

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



**LED strip connectors**

**Type One:**

801099000140  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm wide 2pin



102762000328  
TYPE: QJ-SE-N108B-2  
Monochrome 10mm wide 2pin



801099000134  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm wide 2pin



**Type Two:**

801099000152  
TYPE: QJ-SL10XB-2  
Monochrome 10mm wide 2pin



102762000354  
TYPE: QJ-SL108B-2  
Monochrome 10mm wide 2pin



801099000192  
TYPE: QJ-SL10XB-2  
Monochrome 10mm wide 2pin



**Accessories**

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





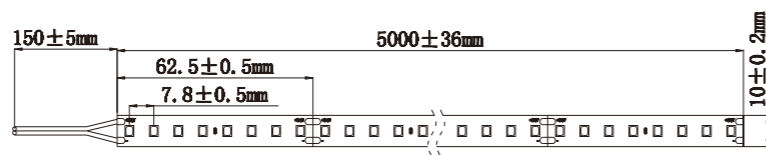
### 128LED/m 24V

#### Electrical Data

- Number Led/M : 128pcs
- Power W/m±10% : 19.2
- PCB Width : 10mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 62.5mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24128T09-0A59	2700	>90	19.2	110	2112	24	20 ( 54A/B/66A/B/C/67 )
CLT-INNF24128T09-0A59	3000	>90	19.2	110	2112	24	20 ( 54A/B/66A/B/C/67 )
CLT-DNNF24128T09-0A59	4000	>90	19.2	120	2304	24	20 ( 54A/B/66A/B/C/67 )
CLT-WNNF24128T09-0A59	6500	>90	19.2	115	2208	24	20 ( 54A/B/66A/B/C/67 )

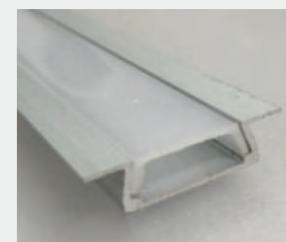
#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

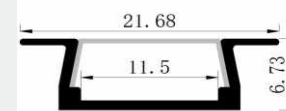


#### Aluminum Profile

##### Product Picture



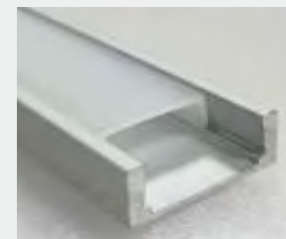
##### Design specification



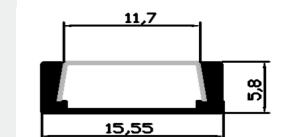
##### Description

- LS-047  
Features:  
1.Dimensions:3000\*22\*07MM  
2.Profile: 1M  
3.PC cover:1M  
4.PCB Width: 11MM

##### Product Picture



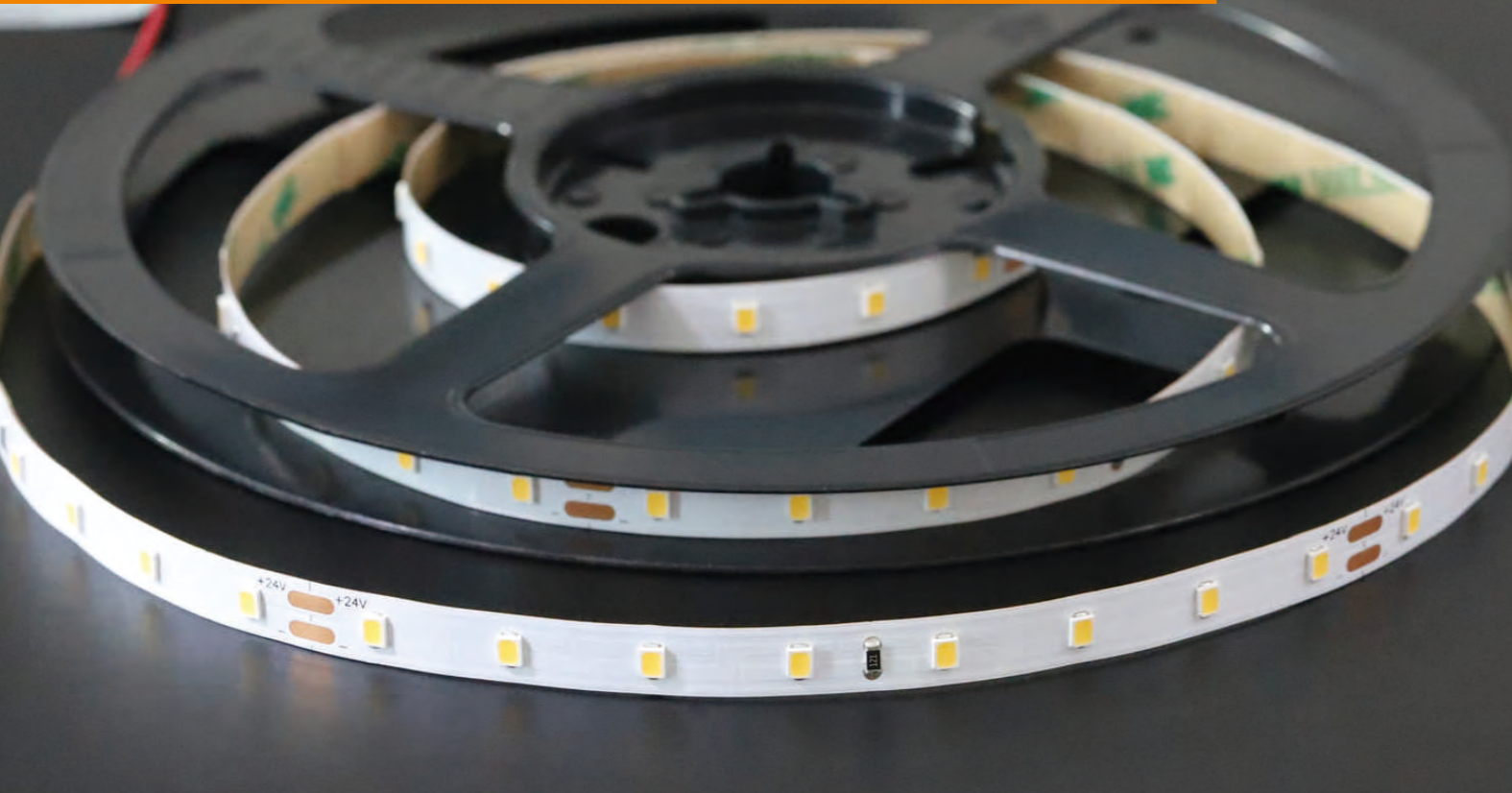
##### Design specification



##### Description

- LS-048  
1.Dimensions:1000\*16\*6MM  
2.Profile: 1M  
3.Frosted or clear cover  
4.PCB Width:11mm





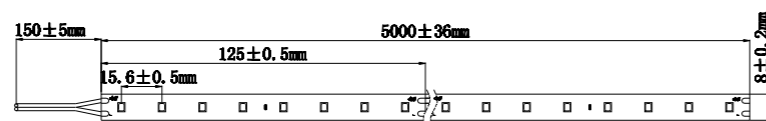
**64LED/m 24V**

**Electrical Data**

- Number Led/M : 64pcs
- Power W/m±10% : 4.8
- PCB Width : 8mm
- CRI : >80
- Max length(10% voltage drop) : 5m
- Cut Size : 125mm

**Standards / Normative Requirements**

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



**Product parameters**

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24064T09-8A38	2700	>80	4.8	140	672	24	20 ( 54A/B/66A/B/C/67 )
CLT-INNF24064T09-8A38	3000	>80	4.8	145	696	24	20 ( 54A/B/66A/B/C/67 )
CLT-DNNF24064T09-8A38	4000	>80	4.8	150	720	24	20 ( 54A/B/66A/B/C/67 )
CLT-WNNF24064T09-8A38	6500	>80	4.8	145	696	24	20 ( 54A/B/66A/B/C/67 )

**Cautions :**

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



**LED strip connectors**

**Type One:**

801099000140  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm width 2pin



102762000328  
TYPE: QJ-SE-N108B-2  
Monochrome 10mm wide 2pin



801099000134  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm wide 2pin



**Type Two:**

801099000152  
TYPE: QJ-SL10XB-2  
Monochrome 10mm width 2pin



102762000354  
TYPE: QJ-SL108B-2  
Monochrome 10mm wide 2pin



801099000192  
TYPE: QJ-SL10XB-2  
Monochrome 10mm width 2pin



**Accessories**

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





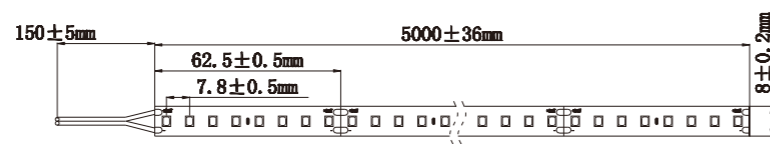
## 128LED/m 24V

### Electrical Data

- Number Led/M : 128pcs
- Power W/m±10% : 9.6
- PCB Width : 8mm
- CRI : >80
- Max length(10% voltage drop) : 5m
- Cut Size : 62.5mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24128T09-8A38	2700	>80	9.6	130	1248	24	20 ( 54A/B/66A/B/C/67 )
CLT-INNF24128T09-8A38	3000	>80	9.6	140	1344	24	20 ( 54A/B/66A/B/C/67 )
CLT-DNNF24128T09-8A38	4000	>80	9.6	150	1440	24	20 ( 54A/B/66A/B/C/67 )
CLT-WNNF24128T09-8A38	6500	>80	9.6	140	1334	24	20 ( 54A/B/66A/B/C/67 )

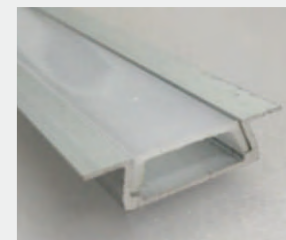
### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

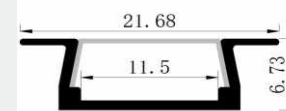


### Aluminum Profile

#### Product Picture



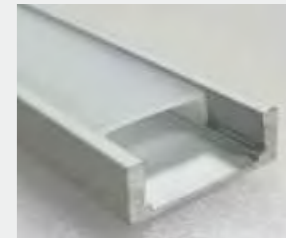
#### Design specification



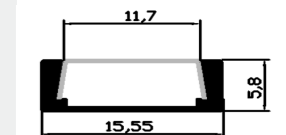
#### Description

- LS-047  
Features:  
1. Dimensions:3000\*22\*07MM  
2. Profile: 1M  
3. PC cover:1M  
4. PCB Width: 11MM

#### Product Picture



#### Design specification



#### Description

- LS-048  
1. Dimensions:1000\*16\*6MM  
2. Profile: 1M  
3. Frosted or clear cover  
4. PCB Width:11mm





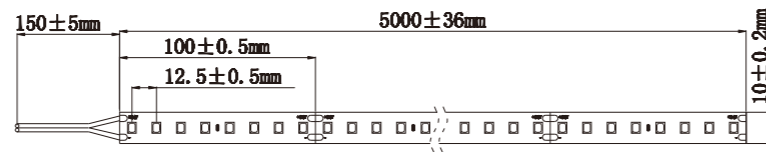
## 80LED/m 24V

### Electrical Data

- Number Led/M : 80pcs
- Power W/m±10% : 14.4
- PCB Width : 10mm
- CRI : >80
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24080T09-0A68	2700	>80	14.4	125	1800	24	20 ( 54A/B/66A/B/C/67 )
CLT-INNF24080T09-0A68	3000	>80	14.4	125	1800	24	20 ( 54A/B/66A/B/C/67 )
CLT-DNNF24080T09-0A68	4000	>80	14.4	130	1872	24	20 ( 54A/B/66A/B/C/67 )
CLT-WNNF24080T09-0A68	6500	>80	14.4	130	1872	24	20 ( 54A/B/66A/B/C/67 )

### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

### LED strip connectors

#### Type One:

801099000140  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm width 2pin



102762000328  
TYPE: QJ-SE-N10BB-2  
Monochrome 10mm wide 2pin



801099000134  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm wide 2pin



#### Type Two:

801099000152  
TYPE: QJ-SL10XB-2  
Monochrome 10mm width 2pin



102762000354  
TYPE: QJ-SL10BB-2  
Monochrome 10mm wide 2pin



801099000192  
TYPE: QJ-SL10XB-2  
Monochrome 10mm width 2pin



### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





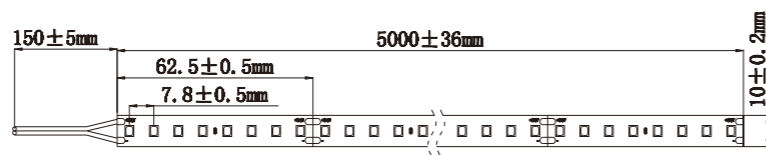
## 128LED/m 24V

### Electrical Data

- Number Led/M : 128pcs
- Power W/m±10% : 19.2
- PCB Width : 10mm
- CRI : >80
- Max length(10% voltage drop) : 5m
- Cut Size : 62.5mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24128T09-0A58	2700	>80	19.2	130	2496	24	20 ( 54A/B/66A/B/C/67 )
CLT-INNF24128T09-0A58	3000	>80	19.2	130	2496	24	20 ( 54A/B/66A/B/C/67 )
CLT-DNNF24128T09-0A58	4000	>80	19.2	135	2592	24	20 ( 54A/B/66A/B/C/67 )
CLT-WNNF24128T09-0A58	6500	>80	19.2	135	2592	24	20 ( 54A/B/66A/B/C/67 )

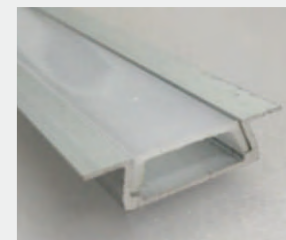
### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

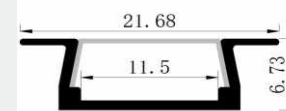


### Aluminum Profile

#### Product Picture



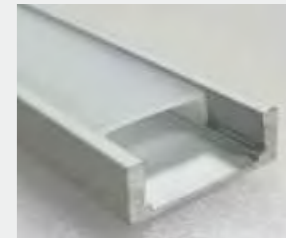
#### Design specification



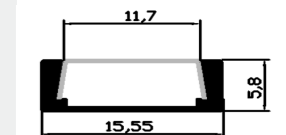
#### Description

- LS-047  
Features:  
1. Dimensions:3000\*22\*07MM  
2. Profile: 1M  
3. PC cover:1M  
4. PCB Width: 11MM

#### Product Picture



#### Design specification



#### Description

- LS-048  
1. Dimensions:1000\*16\*6MM  
2. Profile: 1M  
3. Frosted or clear cover  
4. PCB Width:11mm





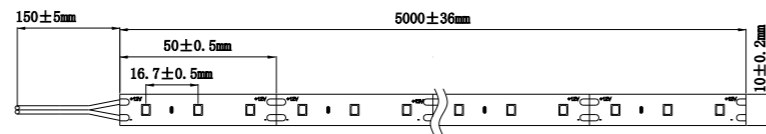
### 60LED/m 12V

#### Electrical Data

- Number Led/M : 60pcs
- Power W/m±10% : 14.4
- PCB Width : 10mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF12060T09-0A69	2700	>90	14.4	61	878	12	20 ( 54A/B/66A/B/C/67 )
CLT-INNF12060T09-0A69	3000	>90	14.4	65	936	12	20 ( 54A/B/66A/B/C/67 )
CLT-DNNF12060T09-0A69	4000	>90	14.4	70	1008	12	20 ( 54A/B/66A/B/C/67 )
CLT-WNNF12060T09-0A69	6500	>90	14.4	71	1022	12	20 ( 54A/B/66A/B/C/67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

#### LED strip connectors

##### Type One:

801099000140  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm width 2pin



102762000328  
TYPE: QJ-SE-N108B-2  
Monochrome 10mm wide 2pin



801099000134  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm wide 2pin



##### Type Two:

801099000152  
TYPE: QJ-SL10XB-2  
Monochrome 10mm width 2pin



102762000354  
TYPE: QJ-SL108B-2  
Monochrome 10mm wide 2pin



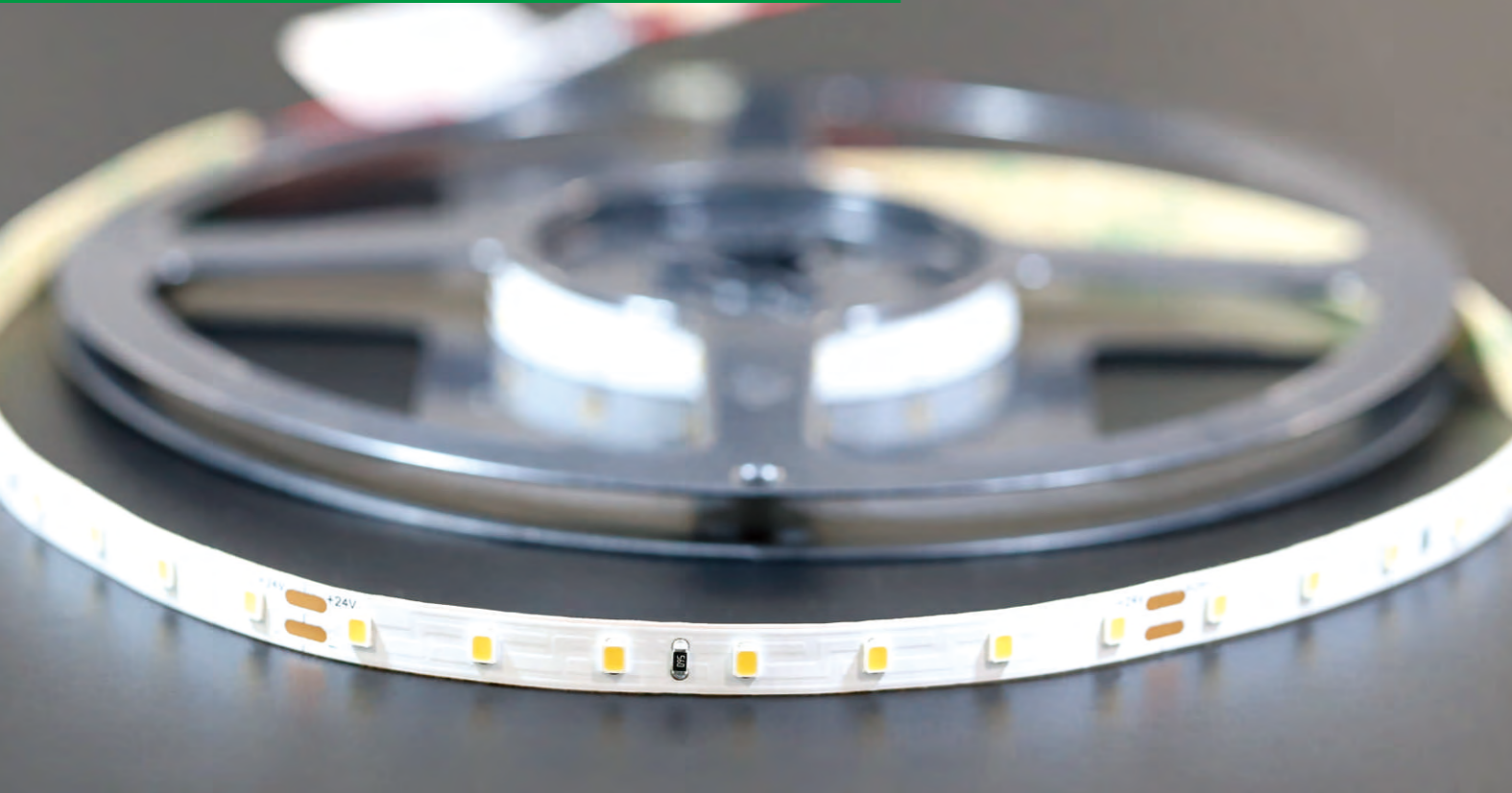
801099000192  
TYPE: QJ-SL10XB-2  
Monochrome 10mm width 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





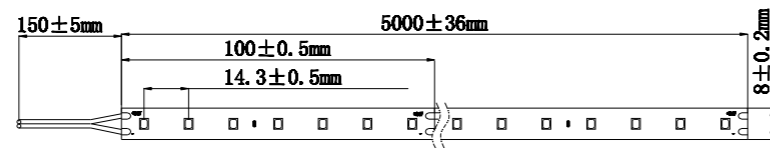
### 70LED/m 24V

#### Electrical Data

- Number Led/M : 70pcs
- Power W/m±10% : 14.4
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes

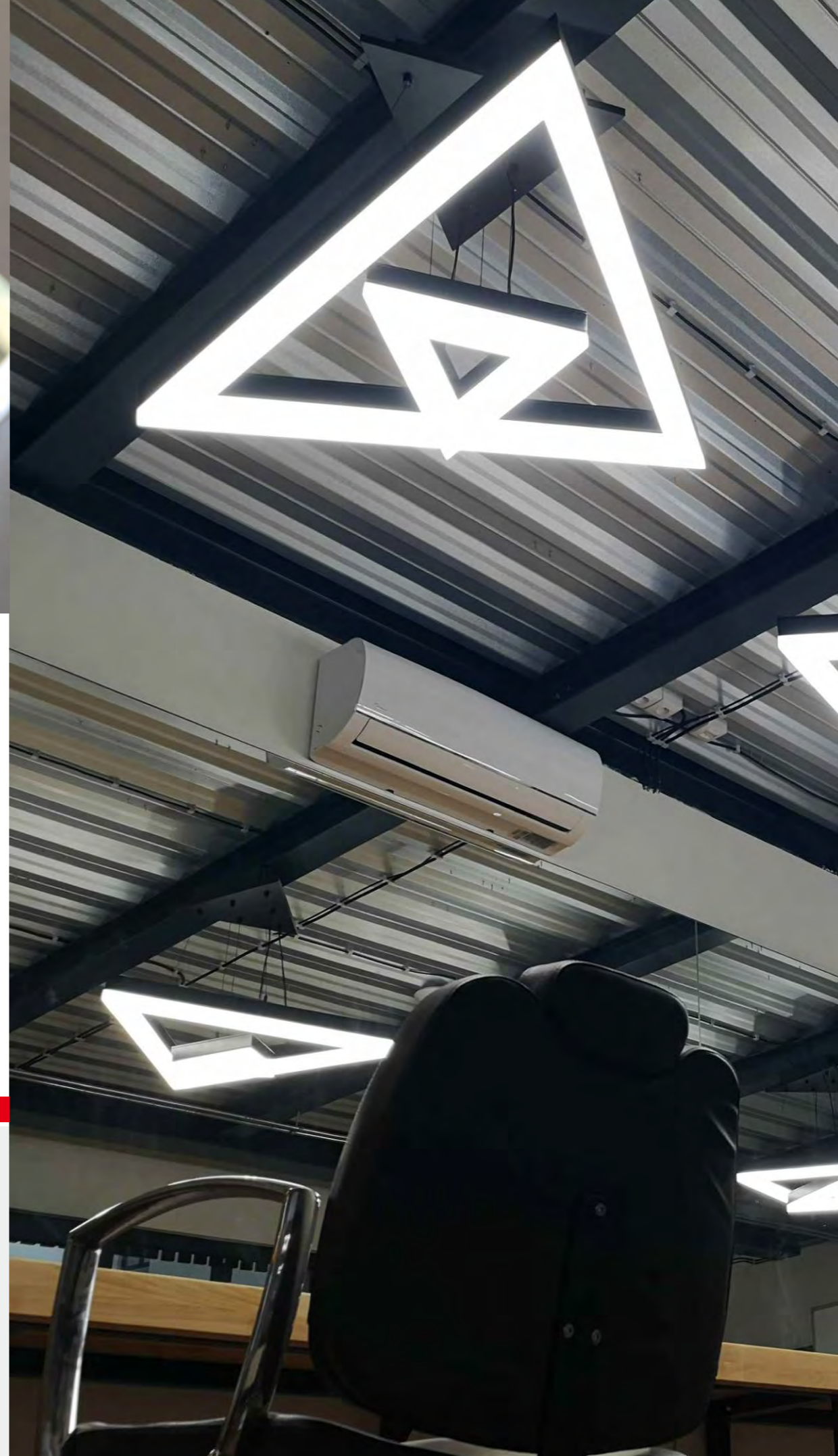


#### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24070T09-0A69	2700	>90	14.4	71	1022	24	20 ( 54A/B/66A/B/C/67 )
CLT-INNF24070T09-0A69	3000	>90	14.4	75	1080	24	20 ( 54A/B/66A/B/C/67 )
CLT-DNNF24070T09-0A69	4000	>90	14.4	80	1152	24	20 ( 54A/B/66A/B/C/67 )
CLT-WNNF24070T09-0A69	6500	>90	14.4	81	1166	24	20 ( 54A/B/66A/B/C/67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



#### LED strip connectors

##### Type One:

801099000140  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm width 2pin



102762000328  
TYPE: QJ-SE-N108B-2  
Monochrome 10mm wide 2pin



801099000134  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm wide 2pin



##### Type Two:

801099000152  
TYPE: QJ-SL10XB-2  
Monochrome 10mm width 2pin



102762000354  
TYPE: QJ-SL108B-2  
Monochrome 10mm wide 2pin



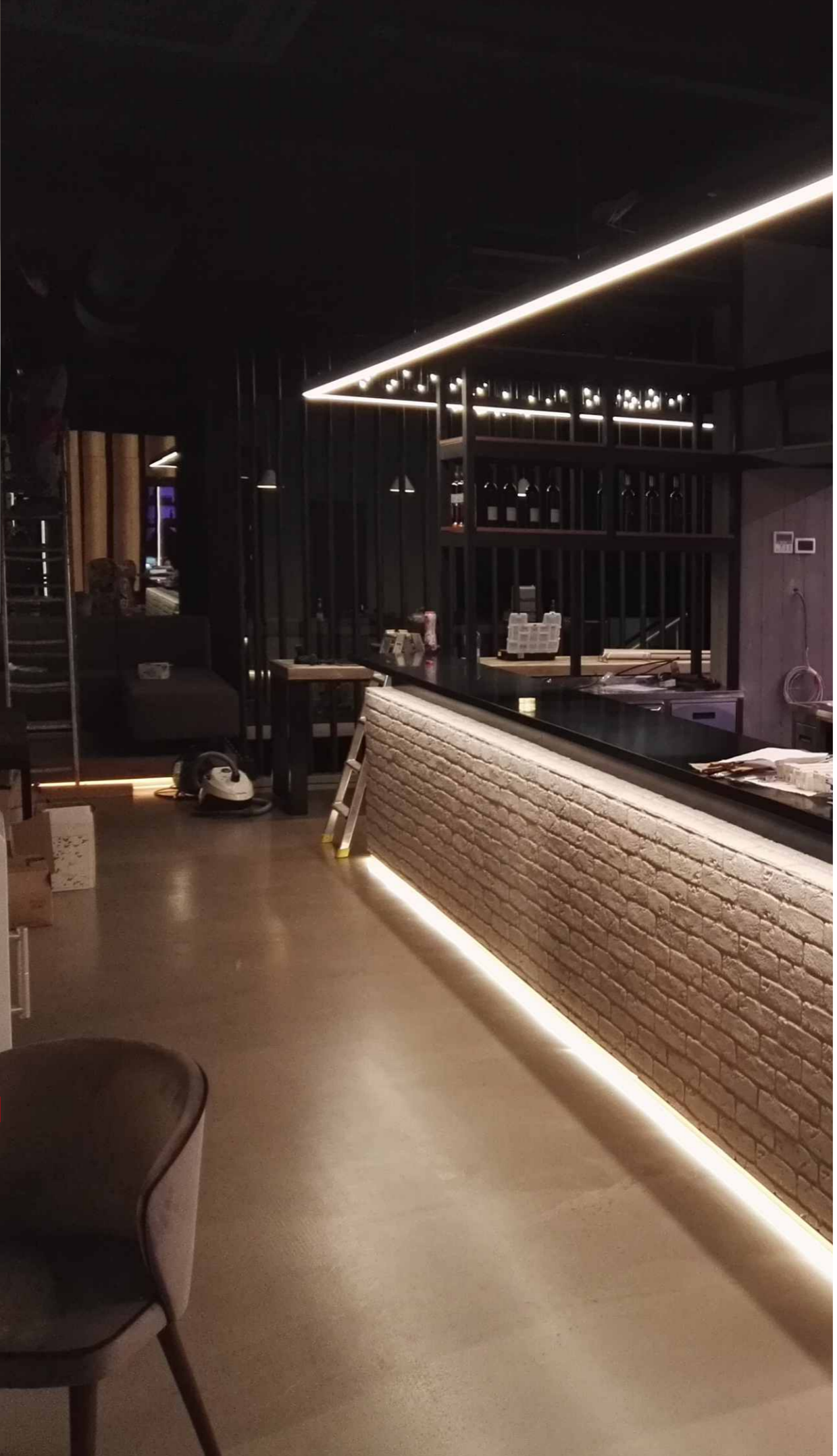
801099000192  
TYPE: QJ-SL10XB-2  
Monochrome 10mm width 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





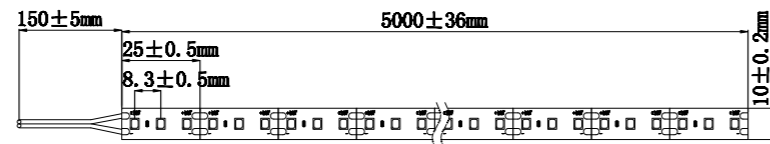
## 120LED/m 12V

### Electrical Data

- Number Led/M : 120pcs
- Power W/m±10% : 19.2
- PCB Width : 10mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 25mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF12120T09-0A49	2700	>90	19.2	61	1177	12	20 ( 54A/B/66A/B/C/67 )
CLT-INNF12120T09-0A49	3000	>90	19.2	65	1248	12	20 ( 54A/B/66A/B/C/67 )
CLT-DNNF12120T09-0A49	4000	>90	19.2	70	1344	12	20 ( 54A/B/66A/B/C/67 )
CLT-WNNF12120T09-0A49	6500	>90	19.2	71	1363	12	20 ( 54A/B/66A/B/C/67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

### LED strip connectors

#### Type One:

801099000140  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm width 2pin



102762000328  
TYPE: QJ-SE-N10BB-2  
Monochrome 10mm wide 2pin



801099000134  
TYPE: QJ-SE-N10XB-2  
Monochrome 10mm wide 2pin



#### Type Two:

801099000152  
TYPE: QJ-SL10XB-2  
Monochrome 10mm width 2pin



102762000354  
TYPE: QJ-SL10BB-2  
Monochrome 10mm wide 2pin



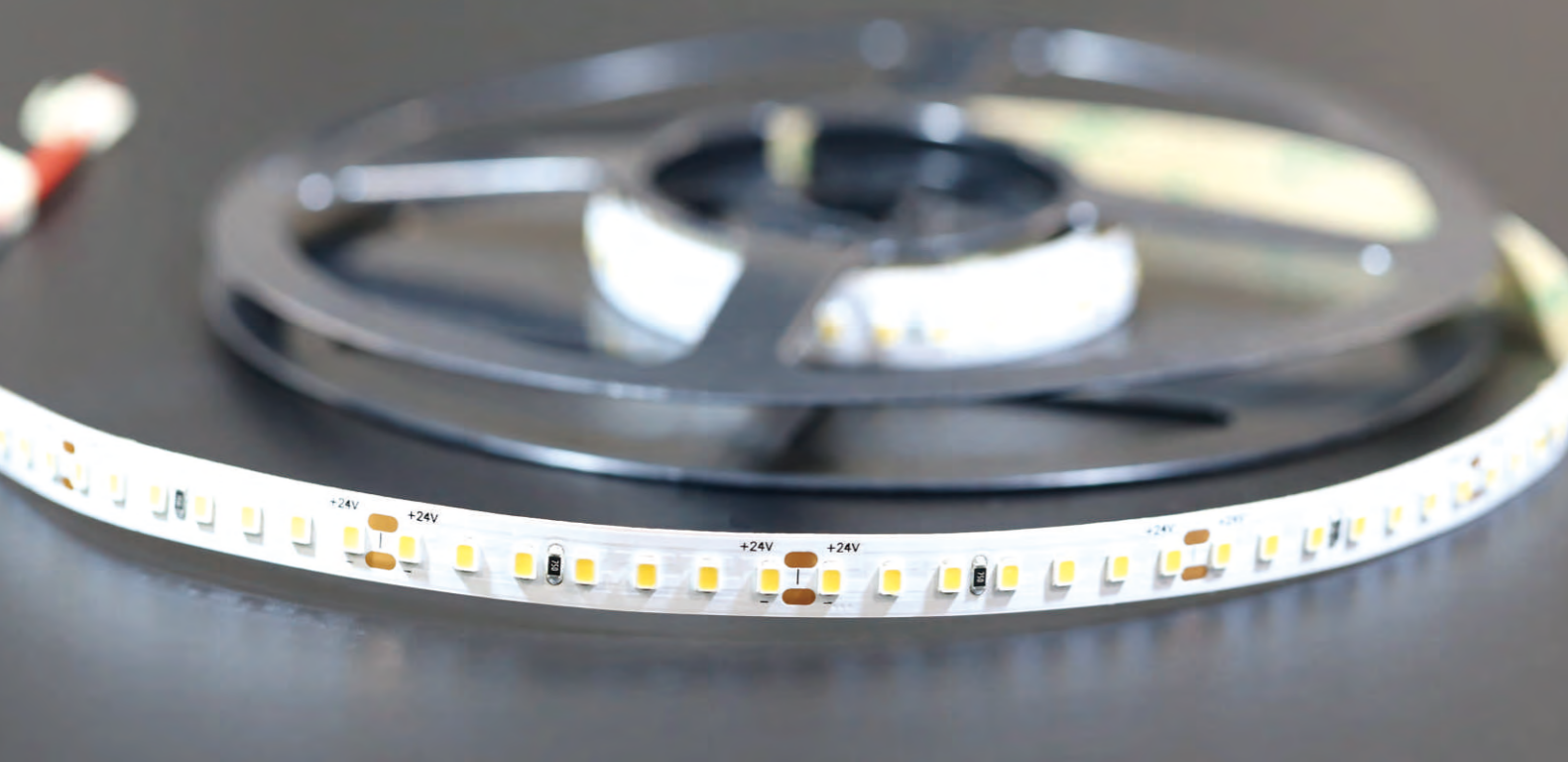
801099000192  
TYPE: QJ-SL10XB-2  
Monochrome 10mm width 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





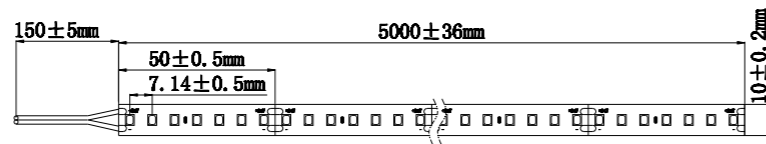
## 140LED/m 24V

### Electrical Data

- Number Led/M : 140pcs
- Power W/m±10% : 19.2
- PCB Width : 10mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24140T09-0A49	2700	>90	19.2	75	1440	24	20 ( 54A/B/66A/B/C/67 )
CLT-INNF24140T09-0A49	3000	>90	19.2	80	1536	24	20 ( 54A/B/66A/B/C/67 )
CLT-DNNF24140T09-0A49	4000	>90	19.2	85	1632	24	20 ( 54A/B/66A/B/C/67 )
CLT-WNNF24140T09-0A49	6500	>90	19.2	89	1709	24	20 ( 54A/B/66A/B/C/67 )

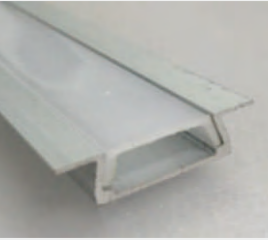
#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

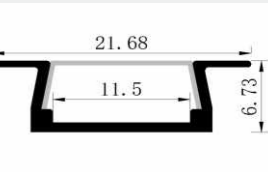


### Aluminum Profile

#### Product Picture



#### Design specification



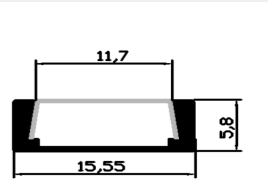
#### Description

- LS-047  
Features:  
1.Dimensions:3000\*22\*07MM  
2.Profile: 1M  
3.PC cover:1M  
4.PCB Width: 11MM

#### Product Picture



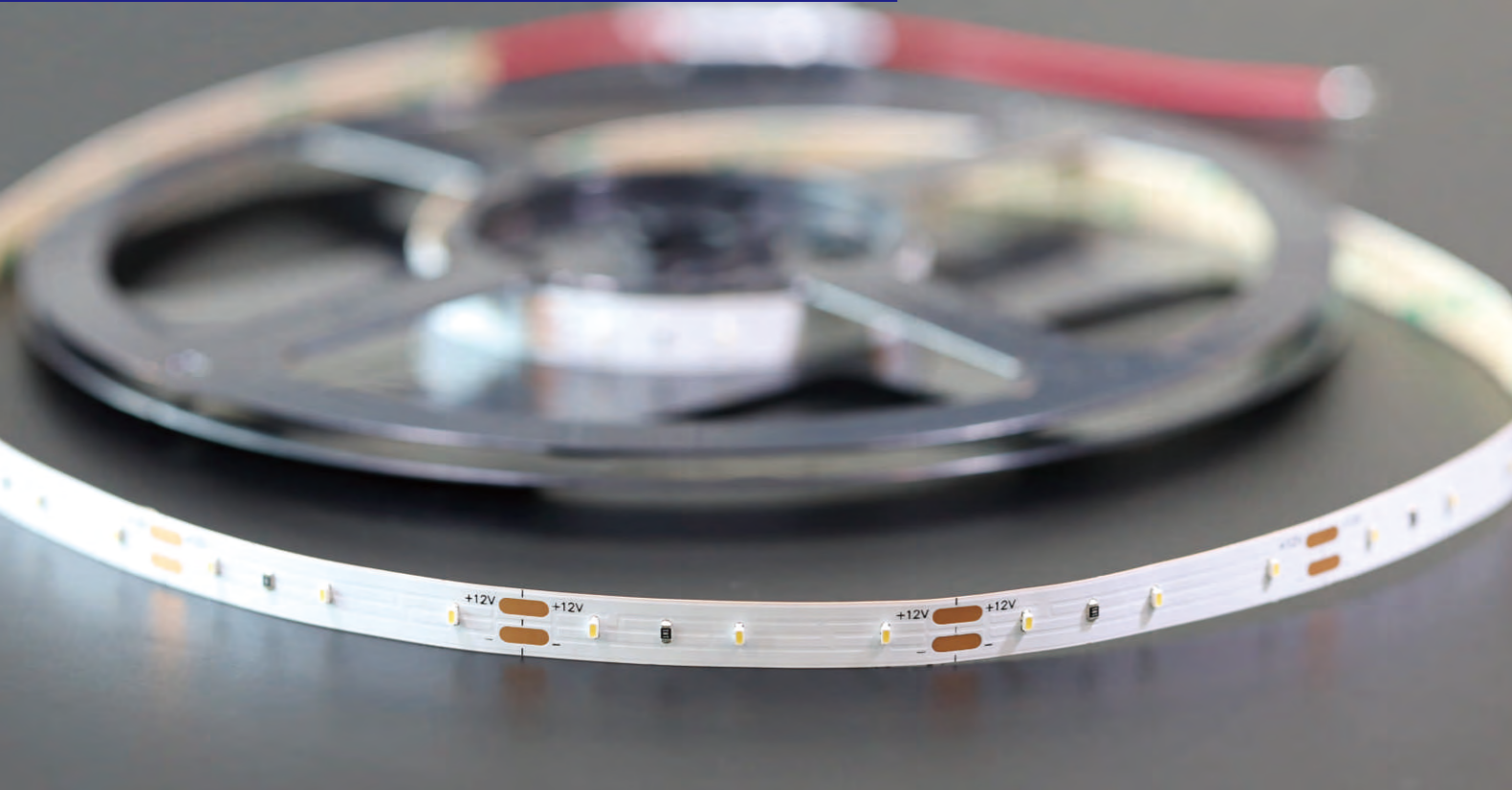
#### Design specification



#### Description

- LS-048  
1.Dimensions:1000\*16\*6MM  
2.Profile: 1M  
3.Frosted or clear cover  
4.PCB Width:11mm





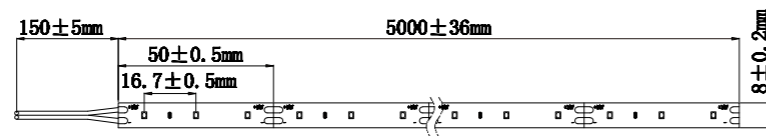
## 60LED/m 12V

### Electrical Data

- Number Led/M : 60pcs
- Power W/m±10% : 4.8W
- PCB Width : 8mm
- CRI : >90
- R9 : >60
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF12060T10-8A29	2700	>90	4.8	72	346	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF12060T10-8A29	3000	>90	4.8	76	365	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF12060T10-8A29	4000	>90	4.8	82	394	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF12060T10-8A29	6000	>90	4.8	82	394	12	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



### LED strip connectors

#### Type One:

801099000138  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm width 2pin



102762000320  
TYPE: QJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



#### Type Two:

801099000151  
TYPE: QJ-SL8XB-2  
Monochrome 8mm width 2pin



102762000353  
TYPE: QJ-SL8BB-2  
Monochrome 8mm wide 2pin



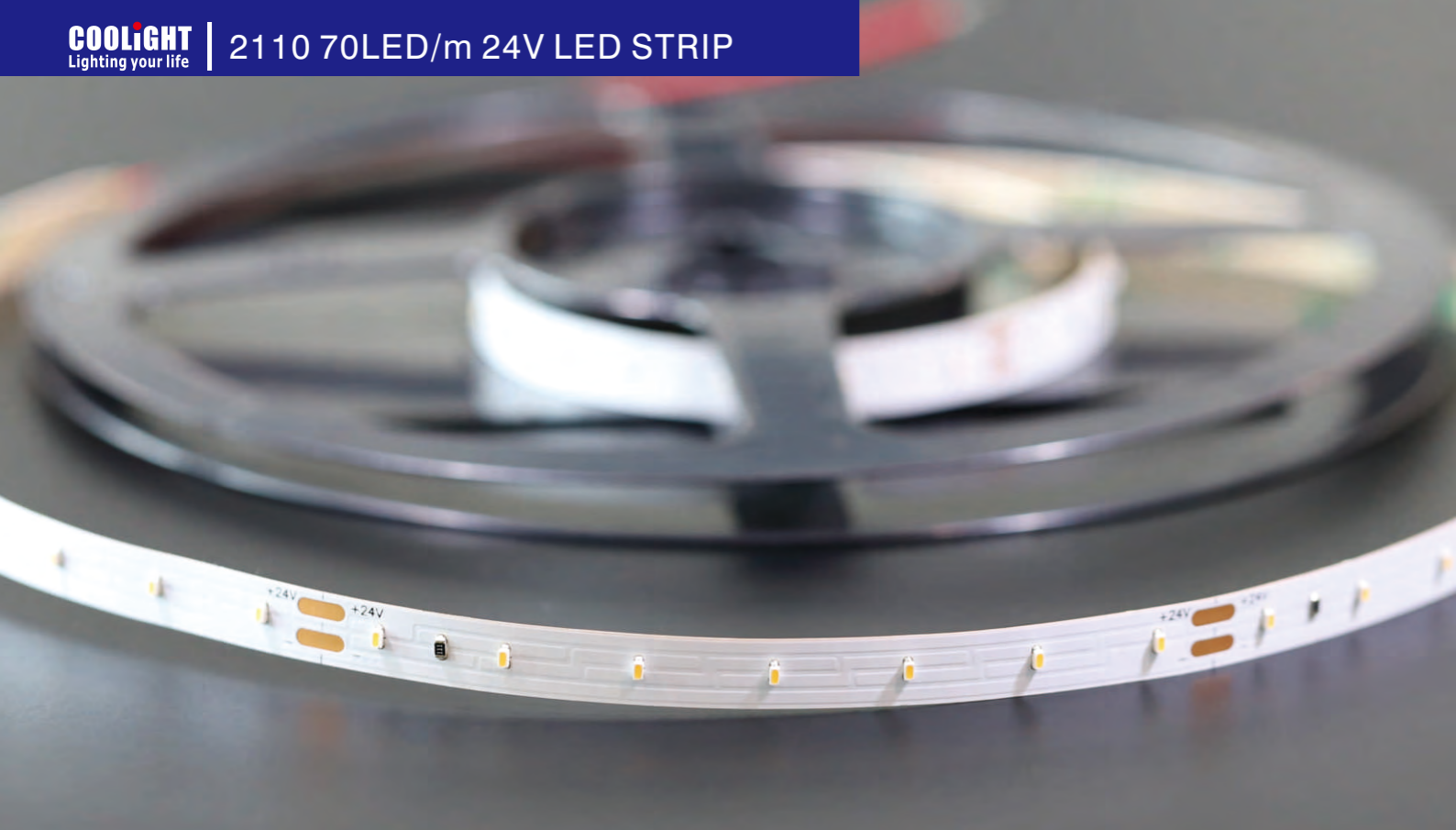
801099000191  
TYPE: QJ-SL8XB-2  
Monochrome 8mm width 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





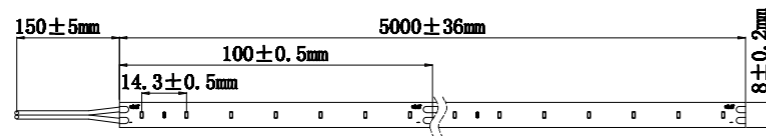
### 70LED/m 24V

#### Electrical Data

- Number Led/M : 70pcs
- Power W/m±10% : 4.8W
- PCB Width : 8mm
- CRI : >90
- R9 : >60
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24070T10-8A29	2700	>90	4.8	85	408	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24070T10-8A29	3000	>90	4.8	87	418	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24070T10-8A29	4000	>90	4.8	96	461	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24070T10-8A29	6000	>90	4.8	96	461	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



#### LED strip connectors

##### Type One:

801099000138  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



102762000320  
TYPE: QJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



##### Type Two:

801099000151  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



102762000353  
TYPE: QJ-SL8BB-2  
Monochrome 8mm wide 2pin



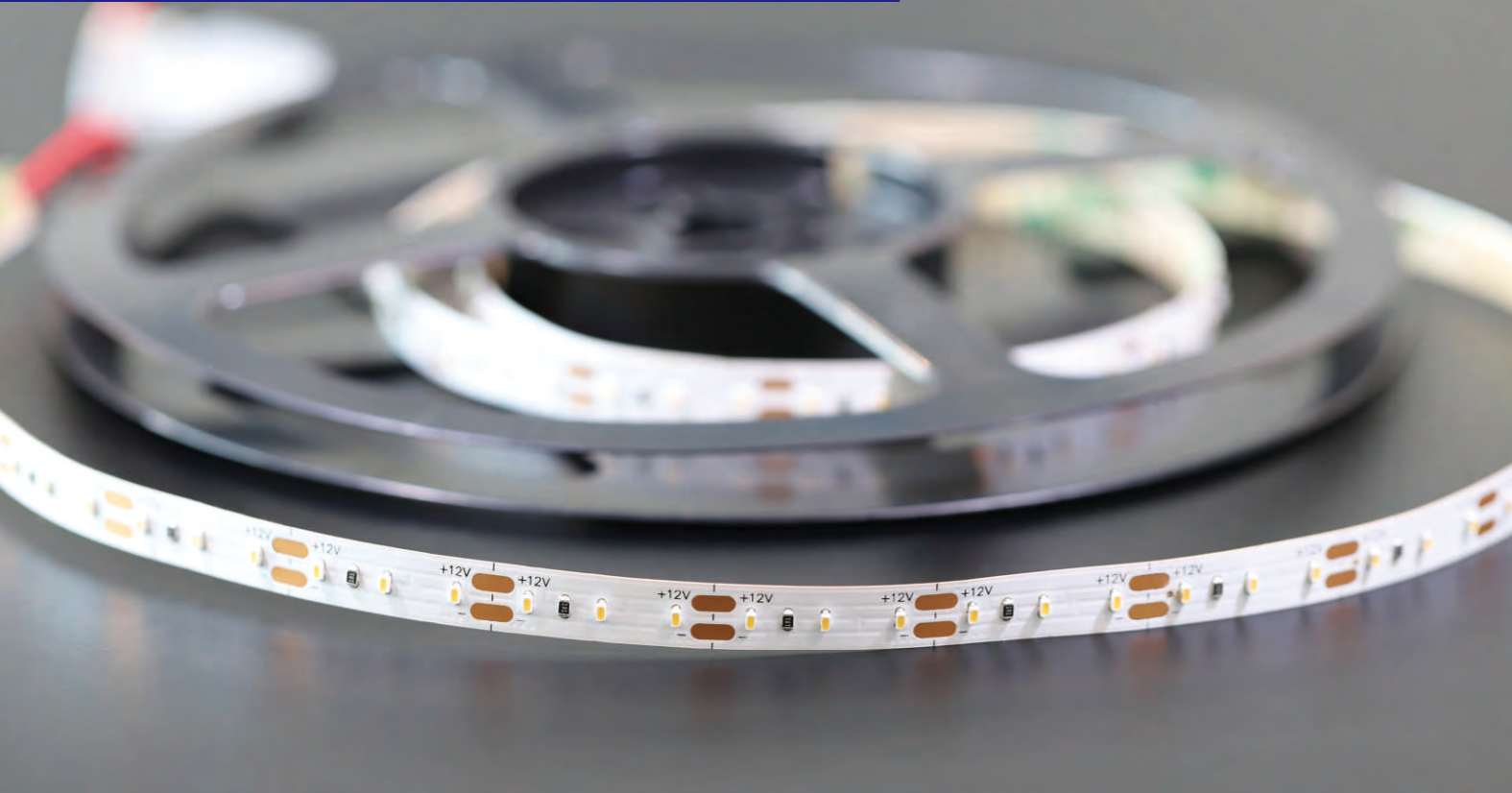
801099000191  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





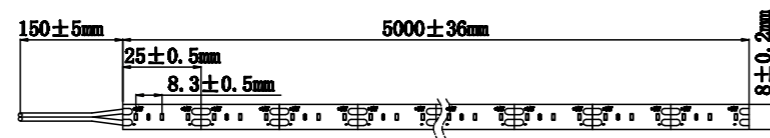
## 120LED/m 12V

### Electrical Data

- Number Led/M : 120pcs
- Power W/m±10% : 9.6W
- PCB Width : 8mm
- CRI : >90
- R9 : >60
- Max length(10% voltage drop) : 5m
- Cut Size : 25mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes

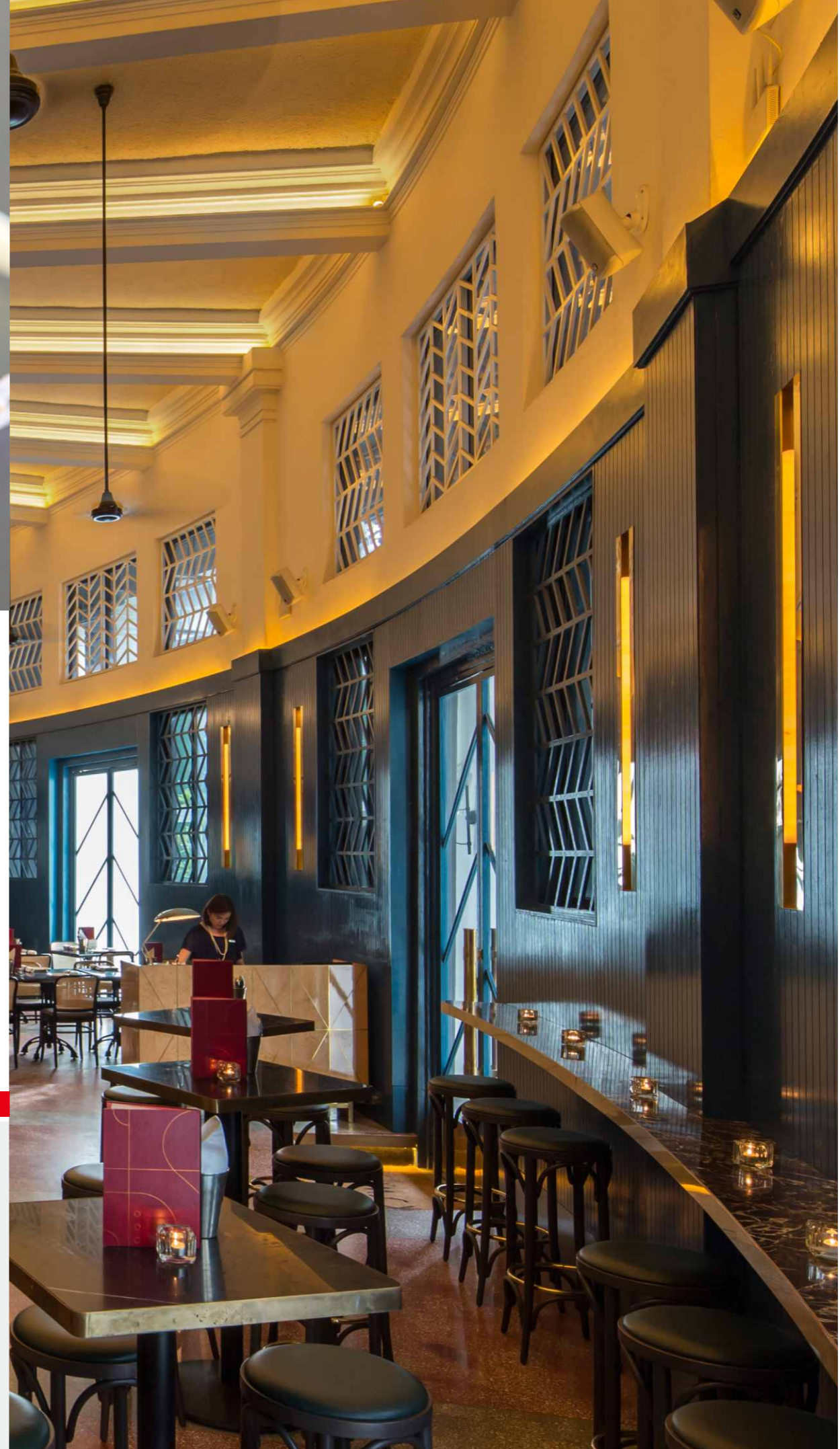


### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF12120T10-8A29	2700	>90	9.6	72	691	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF12120T10-8A29	3000	>90	9.6	76	730	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF12120T10-8A29	4000	>90	9.6	82	787	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF12120T10-8A29	6000	>90	9.6	82	787	12	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



### LED strip connectors

#### Type One:

801099000138  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



102762000320  
TYPE: QJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



#### Type Two:

801099000151  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



102762000353  
TYPE: QJ-SL8BB-2  
Monochrome 8mm wide 2pin



801099000191  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





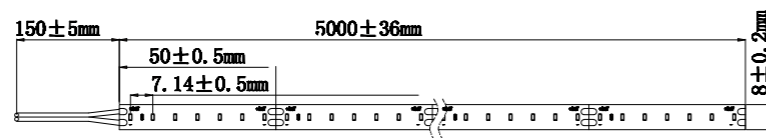
## 140LED/m 24V

### Electrical Data

- Number Led/M : 140pcs
- Power W/m±10% : 9.6W
- PCB Width : 8mm
- CRI : >90
- R9 : >60
- R9 : 5m
- Max length(10% voltage drop) : 50mm
- Cut Size : 50mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

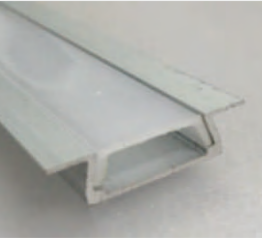
Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24140T10-8A29	2700	>90	9.6	85	816	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24140T10-8A29	3000	>90	9.6	87	835	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24140T10-8A29	4000	>90	9.6	96	922	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24140T10-8A29	6000	>90	9.6	96	922	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

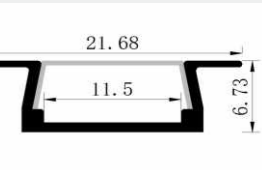
1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

### Aluminum Profile

#### Product Picture



#### Design specification



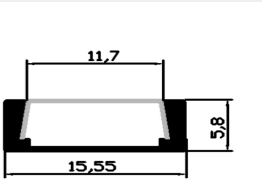
#### Description

- LS-047  
Features:  
1.Dimension:3000\*22\*07MM  
2.Profile: 1M  
3.PC cover:1M  
4.PCB Width: 11MM

#### Product Picture



#### Design specification

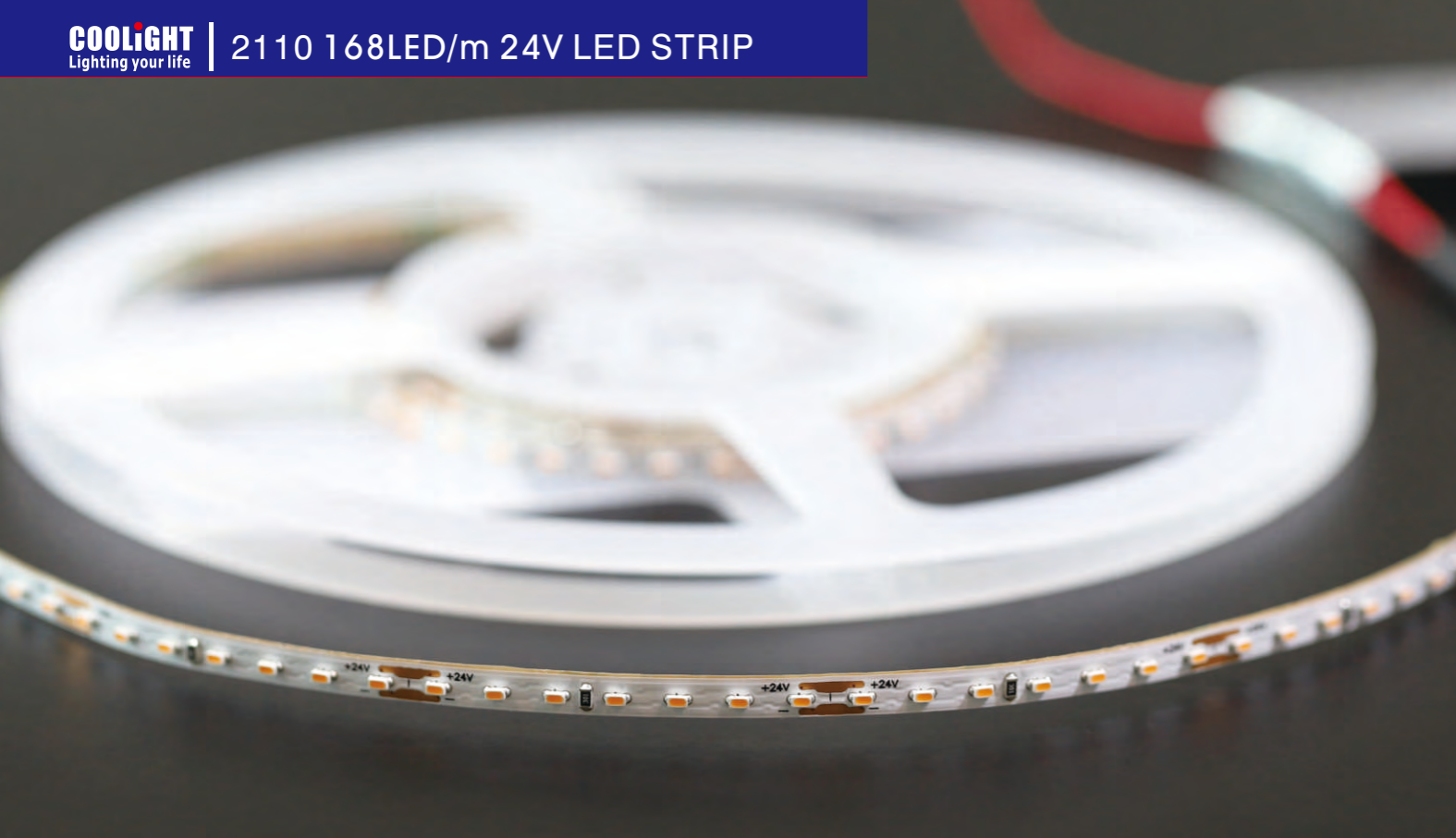


#### Description

- LS-048  
1.Dimension:1000\*16\*6MM  
2.Profile: 1M  
3.Frosted or clear cover  
4.PCB Width:11mm







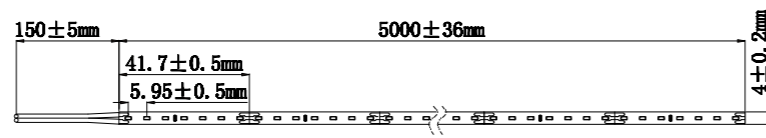
## 168LED/m 24V

### Electrical Data

- Number Led/M : 168pcs
- Power W/m±10% : 10W
- PCB Width : 4mm
- CRI : >90
- R9 : >60
- R9 : 5m
- Max length(10% voltage drop) : 41.7mm
- Cut Size : 41.7mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24168T10-BA29	2700	>90	10	85	850	24	20
CLT-INNF24168T10-BA29	3000	>90	10	87	870	24	20
CLT-DNNF24168T10-BA29	4000	>90	10	96	960	24	20
CLT-WNNF24168T10-BA29	6000	>90	10	96	960	24	20

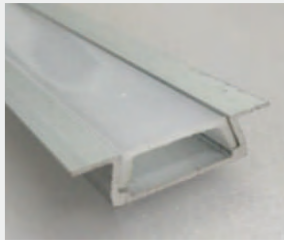
#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

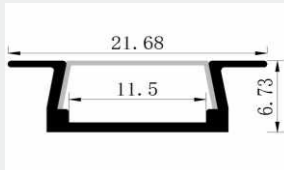


### Aluminum Profile

#### Product Picture



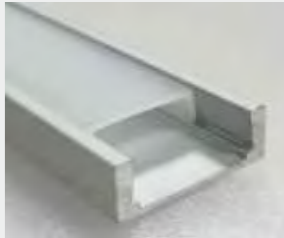
#### Design specification



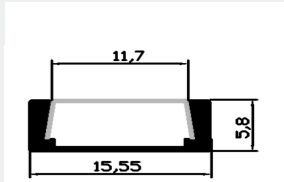
#### Description

- LS-047  
Features:  
1.Dimensions:3000\*22\*07MM  
2.Profile: 1M  
3.PC cover:1M  
4.PCB Width: 11MM

#### Product Picture



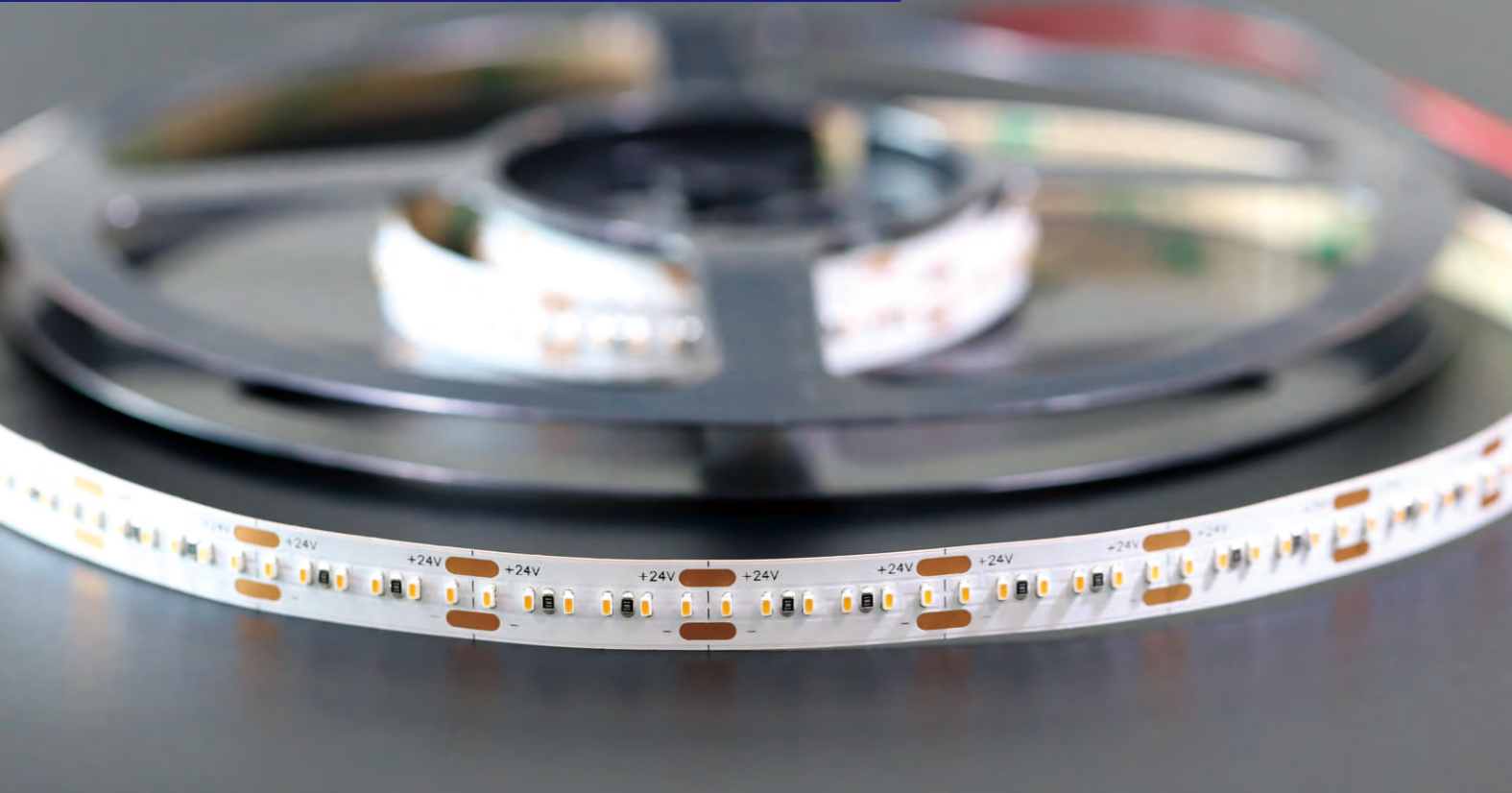
#### Design specification



#### Description

- LS-048  
1.Dimensions:1000\*16\*6MM  
2.Profile: 1M  
3.Frosted or clear cover  
4.PCB Width:11mm





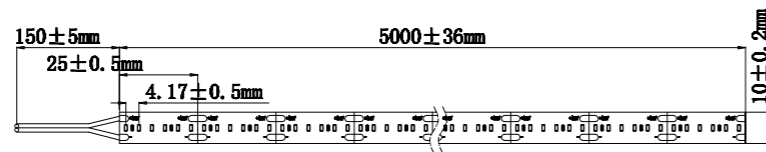
## 240LED/m 24V

### Electrical Data

- Number Led/M : 240pcs
- Power W/m±10% : 19.2W
- PCB Width : 10mm
- CRI : >90
- R9 : >60
- Max length(10% voltage drop) : 5m
- Cut Size : 25mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24240T10-0A29	2700	>90	19.2	68	1306	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24240T10-0A29	3000	>90	19.2	72	1382	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24240T10-0A29	4000	>90	19.2	76	1498	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24240T10-0A29	6000	>90	19.2	76	1498	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



### LED strip connectors

TYPE:One

102762000335  
TYPE: QJ-SE-N10XB-2G  
Monochrome 10mm width 2pin



102762000371  
TYPE: QJ-SE-N108B-2G  
Monochrome 10mm wide 2pin



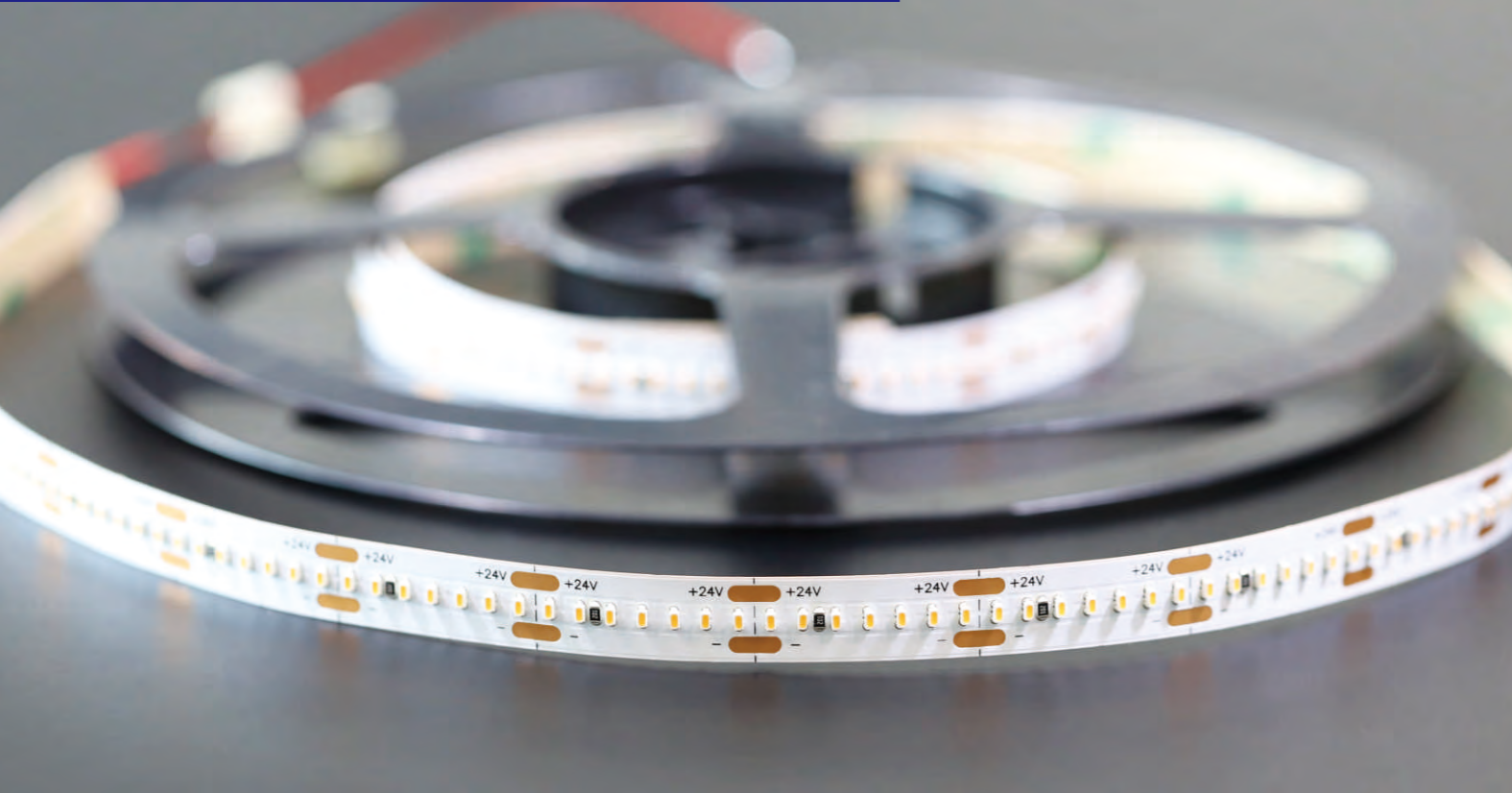
801099000183  
TYPE: QJ-SE-N10XB-2G  
Monochrome 10mm wide 2pin



### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





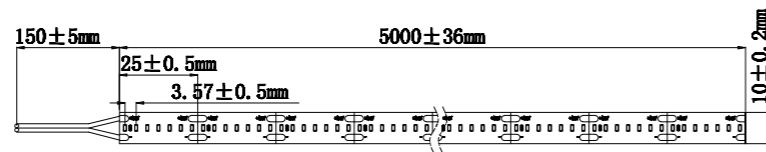
## 280LED/m 24V

### Electrical Data

- Number Led/M : 280pcs
- Power W/m±10% : 19.2W
- PCB Width : 10mm
- CRI : >90
- R9 : >60
- Max length(10% voltage drop) : 5m
- Cut Size : 25mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24280T10-0A29	2700	>90	19.2	81	1555	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24280T10-0A29	3000	>90	19.2	83	1594	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24280T10-0A29	4000	>90	19.2	92	1766	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24280T10-0A29	6000	>90	19.2	92	1766	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



### LED strip connectors

#### TYPE:One

102762000335  
TYPE: QJ-SE-N10XB-2G  
Monochrome 10mm width 2pin



102762000371  
TYPE: QJ-SE-N108B-2G  
Monochrome 10mm wide 2pin



801099000183  
TYPE: QJ-SE-N10XB-2G  
Monochrome 10mm wide 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





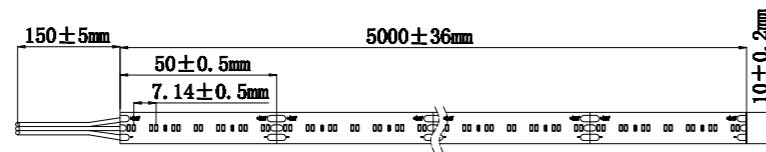
## 280LED/m 24V

### Electrical Data

- Number Led/M : 280pcs
- Power W/m±10% : 19.2W
- PCB Width : 10mm
- CRI : >90
- R9 : >60
- R9 : 5m
- Max length(10% voltage drop) : 50mm
- Cut Size

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes

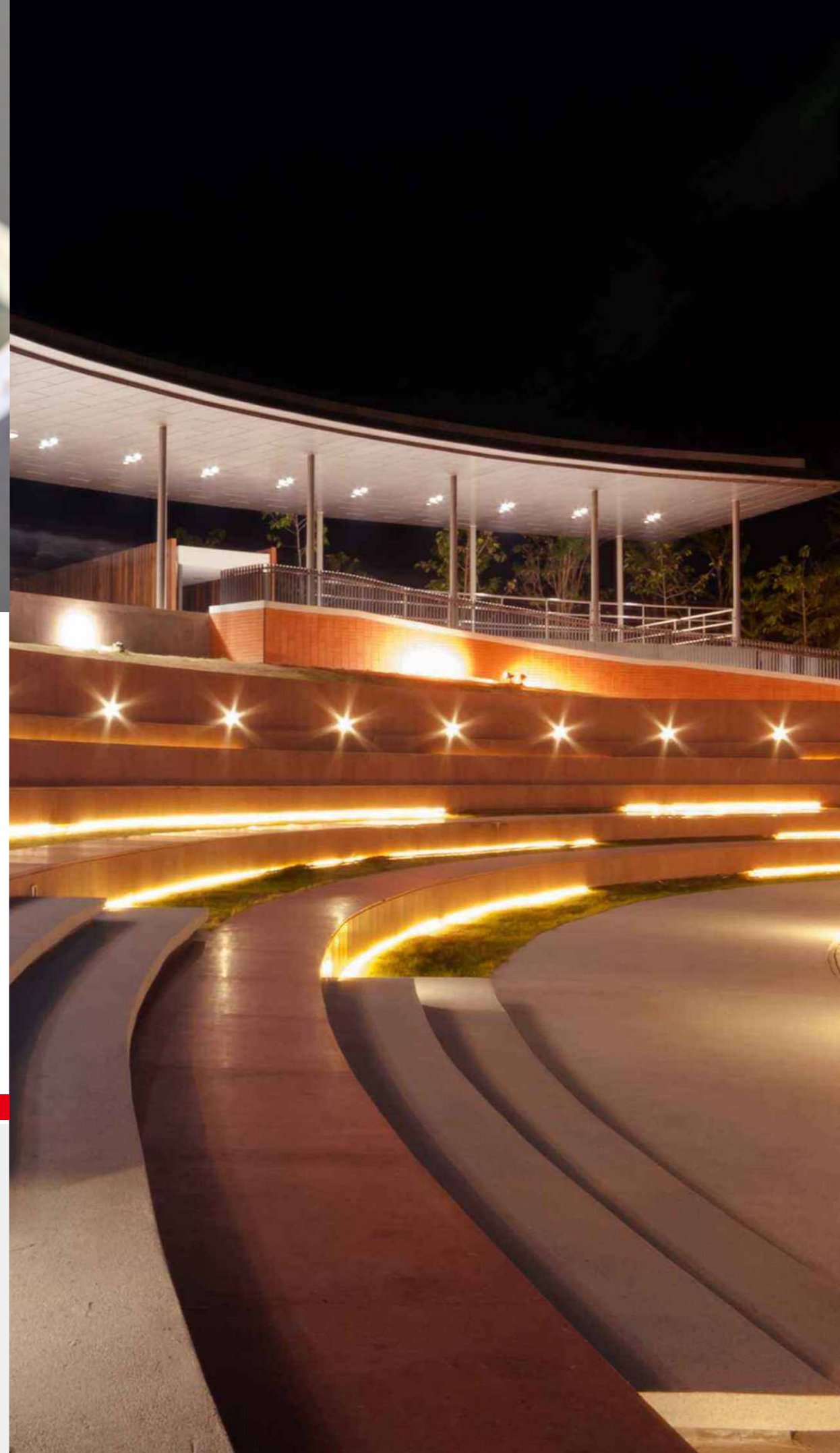


### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-WKNF24280T10-0A29	2700+6000	>90	19.2	90	1728	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



### Turnable



#### Mixed color strip controller CL-TJCCON

- Input voltage: DC 12V-24V
- Output: 3 channels
- Output current: 6A each
- channelBattery for the remote:  
3pcs 1.5V AAA





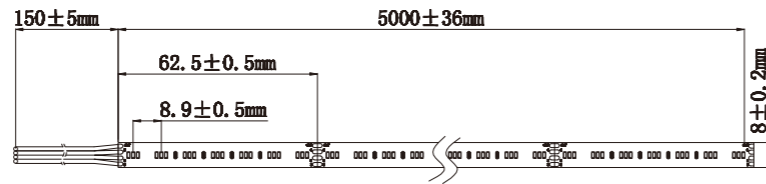
### 336LED/m 24V RGB

#### Electrical Data

- Number Led/M : 336pcs
- Power W/m±10% : 14.4W
- PCB Width : 8mm
- Max length(10% voltage drop) : 5m
- Cut Size : 62.5mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes

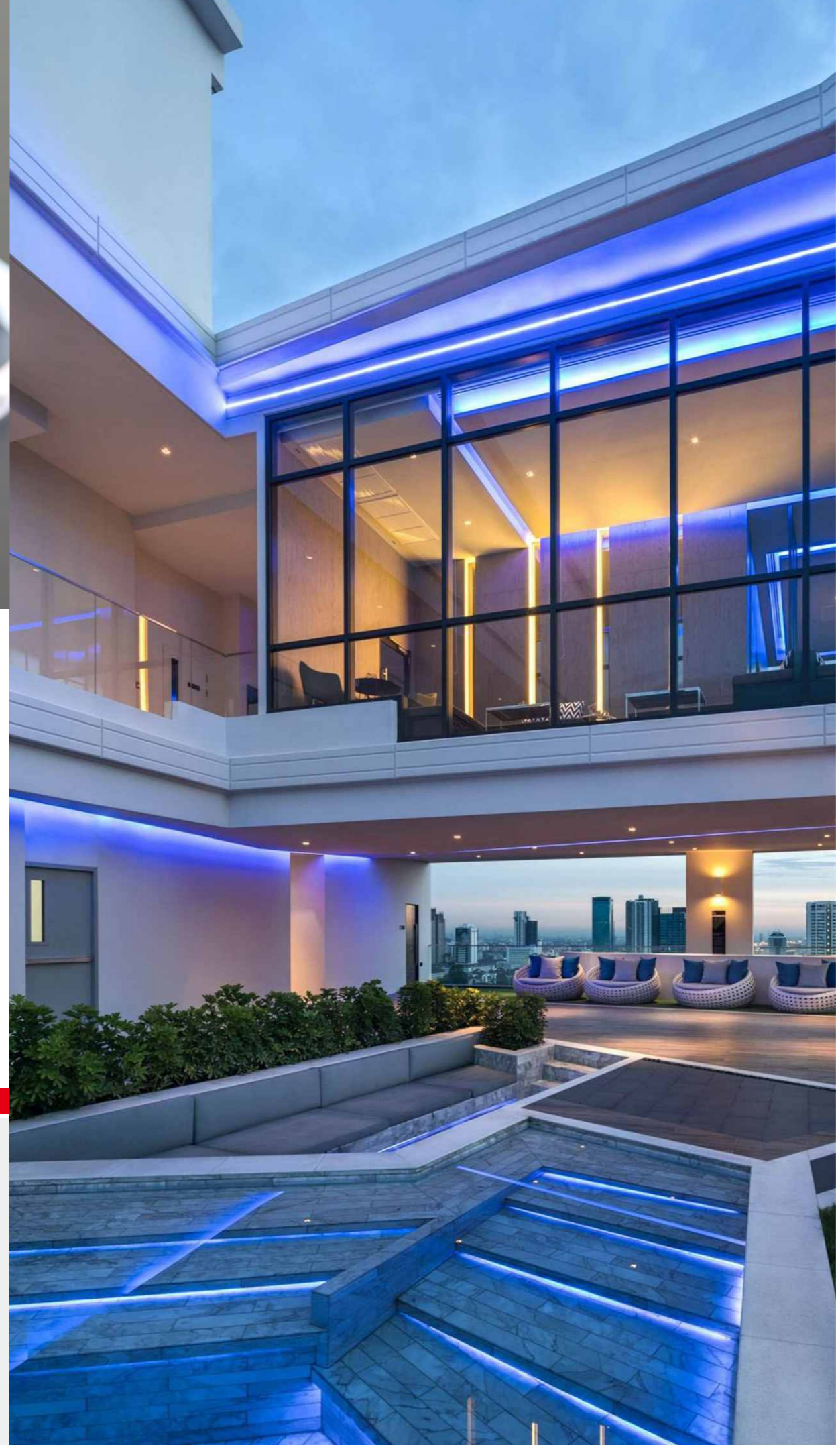


#### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-W2NF24336T10-8A20	RGB	>90	14.4	37	533	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



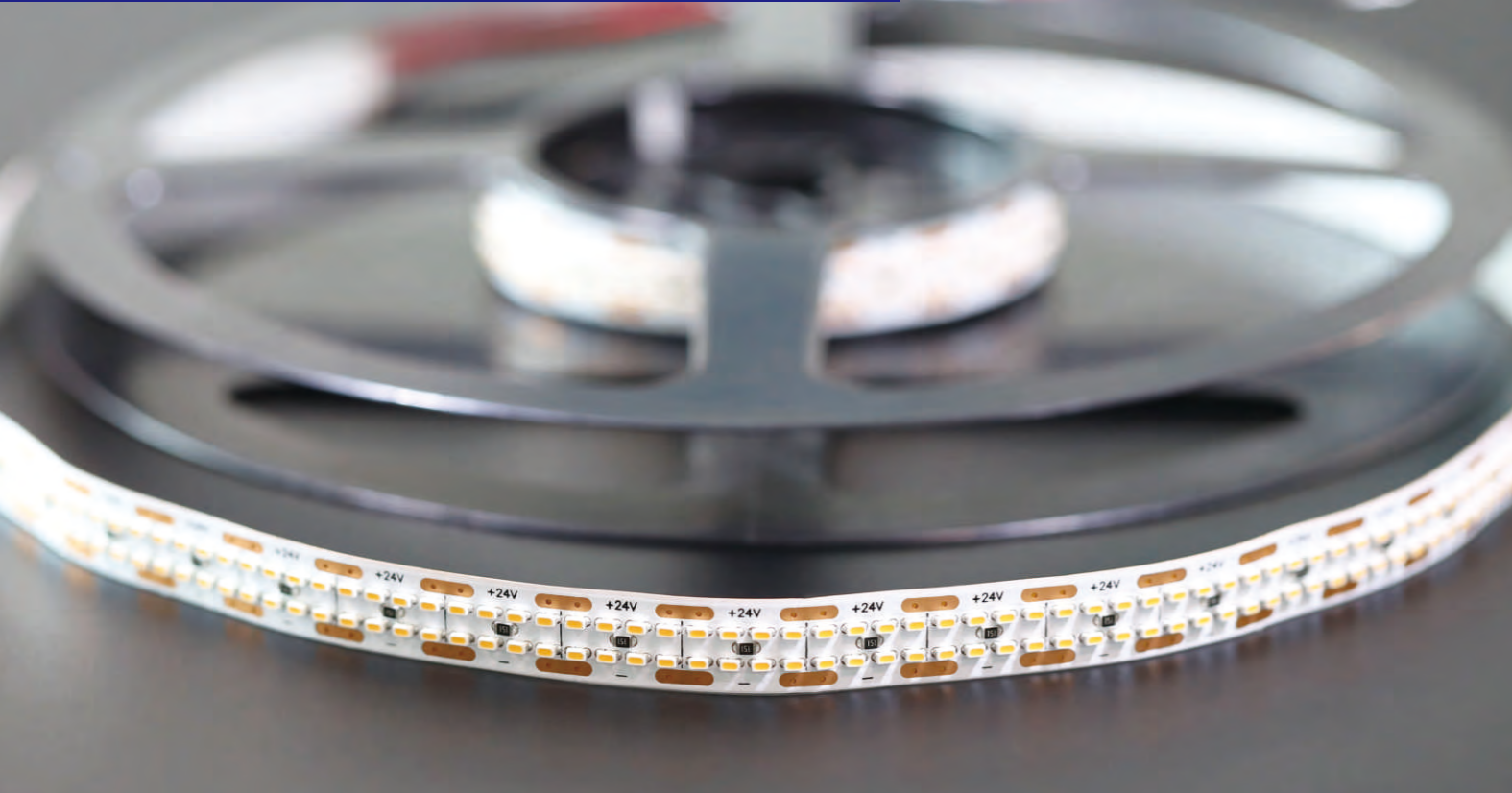
#### Controller



#### Color touch wheel controller CI-TCWCON

- Input voltage: DC 12V/24V
- Output: 3 channels
- Output current: 6A each channel
- Battery for the remote: 3pcs 1.5V AAA





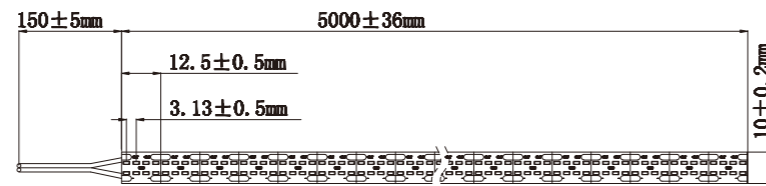
## 640LED/m 24V

### Electrical Data

- Number Led/M : 640pcs
- Power W/m±10% : 24W
- PCB Width : 10mm
- CRI : >90
- R9 : >60
- R9 : >60
- Max length(10% voltage drop) : 5m
- Cut Size : 12.5mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes

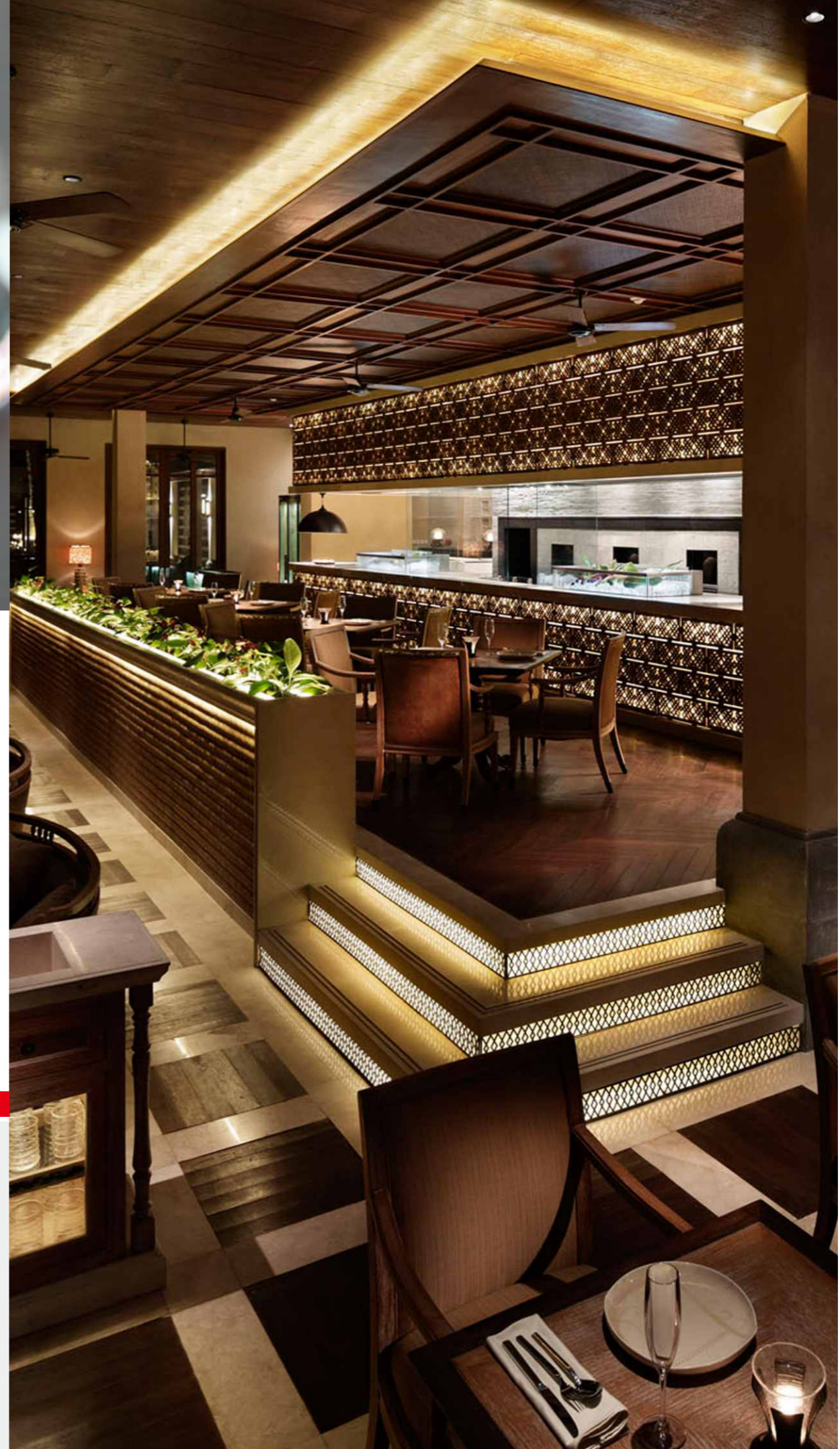


### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24640T10-0B29	2700	>90	24	84	2016	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24640T10-0B29	3000	>90	24	86	2064	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24640T10-0B29	4000	>90	24	95	2280	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24640T10-0B29	6000	>90	24	95	2280	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



### LED strip connectors

#### TYPE:One

102762000335  
TYPE: QJ-SE-N10XB-2G  
Monochrome 10mm width 2pin



102762000371  
TYPE: QJ-SE-N10BB-2G  
Monochrome 10mm wide 2pin



801099000183  
TYPE: QJ-SE-N10XB-2G  
Monochrome 10mm wide 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





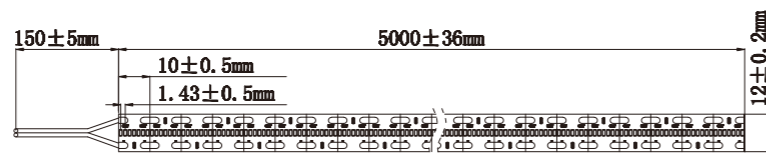
## 700LED/m 24V

### Electrical Data

- Number Led/M : 700pcs
- Power W/m±10% : 24W
- PCB Width : 12mm
- CRI : >90
- R9 : >60
- R9 : 5m
- Max length(10% voltage drop) :10mm
- Cut Size

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes

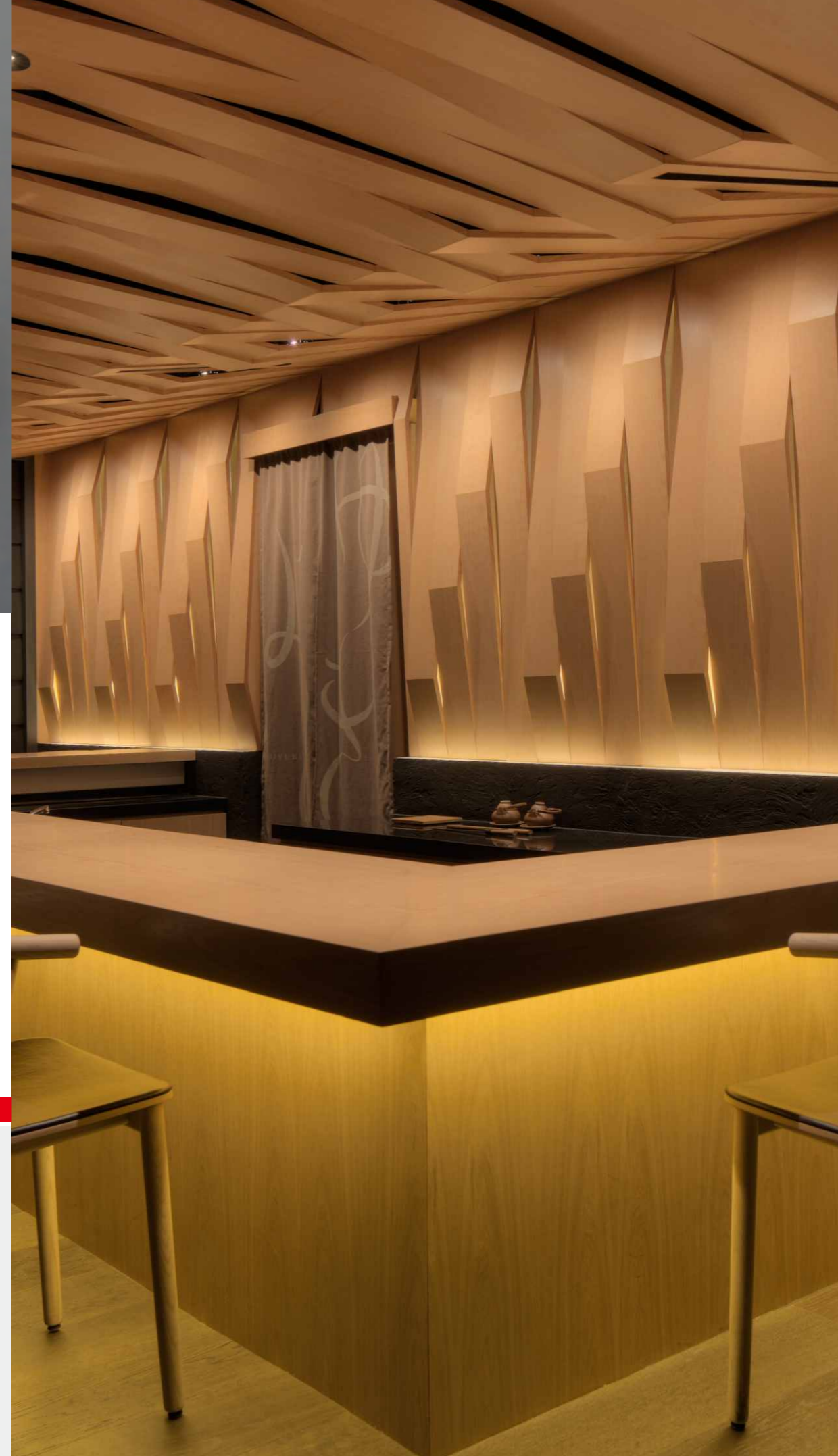


### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24700T10-2A19	2700	>90	24	87	2088	24	20
CLT-INNF24700T10-2A19	3000	>90	24	89	2136	24	20
CLT-DNNF24700T10-2A19	4000	>90	24	98	2352	24	20
CLT-WNNF24700T10-2A19	6000	>90	24	98	2352	24	20

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



### LED strip connectors

TYPE:One

102762000372  
TYPE:QJ-SE-N12XB-2G  
Monochrome 12mm wide 2pin



102762000345  
TYPE: QJ-SE-N12BB-2G  
Monochrome 12mm wide 2pin



801099000185  
TYPE: QJ-SE-N12XB-2G  
Monochrome 12mm wide 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





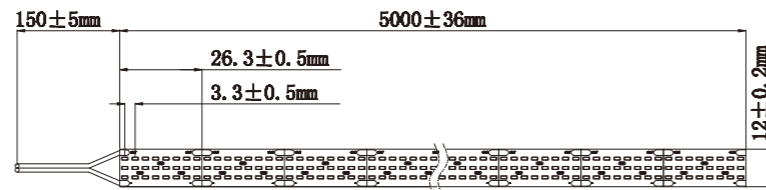
## 912LED/m 24V

### Electrical Data

- Number Led/M : 912pcs
- Power W/m±10% : 28.8W
- PCB Width : 12mm
- CRI : >90
- R9 : >60
- R9 : 5m
- Max length(10% voltage drop) : 26.3mm
- Cut Size : 26.3mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24912T10-2C19	2700	>90	28.8	84	1613	24	20
CLT-INNF24912T10-2C19	3000	>90	28.8	86	1651	24	20
CLT-DNNF24912T10-2C19	4000	>90	28.8	95	1824	24	20
CLT-WNNF24912T10-2C19	6000	>90	28.8	95	1824	24	20

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



### LED strip connectors

TYPE:One

102762000372  
TYPE:GJ-SE-N12XB-2G  
Monochrome 12mm wide 2pin



102762000345  
TYPE: GJ-SE-N12BB-2G  
Monochrome 12mm wide 2pin



801099000185  
TYPE: GJ-SE-N12XB-2G  
Monochrome 12mm wide 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





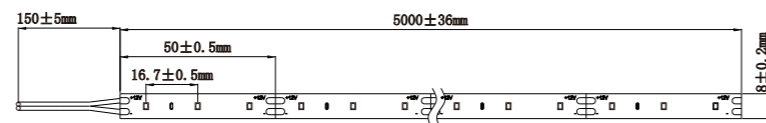
### 60LED/m 12V

#### Electrical Data

- Number Led/M : 60pcs
- Power W/m±10% : 4.8W
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF12060T16-8A29	2700	>90	4.8	75	360	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF12060T16-8A29	3000	>90	4.8	80	384	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF12060T16-8A29	4000	>90	4.8	87	417	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF12060T16-8A29	6500	>90	4.8	87	417	12	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

#### LED strip connectors

##### Type One:

801099000138  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



102762000320  
TYPE: QJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



##### Type Two:

801099000151  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



102762000353  
TYPE: QJ-SL8BB-2  
Monochrome 8mm wide 2pin



801099000191  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin

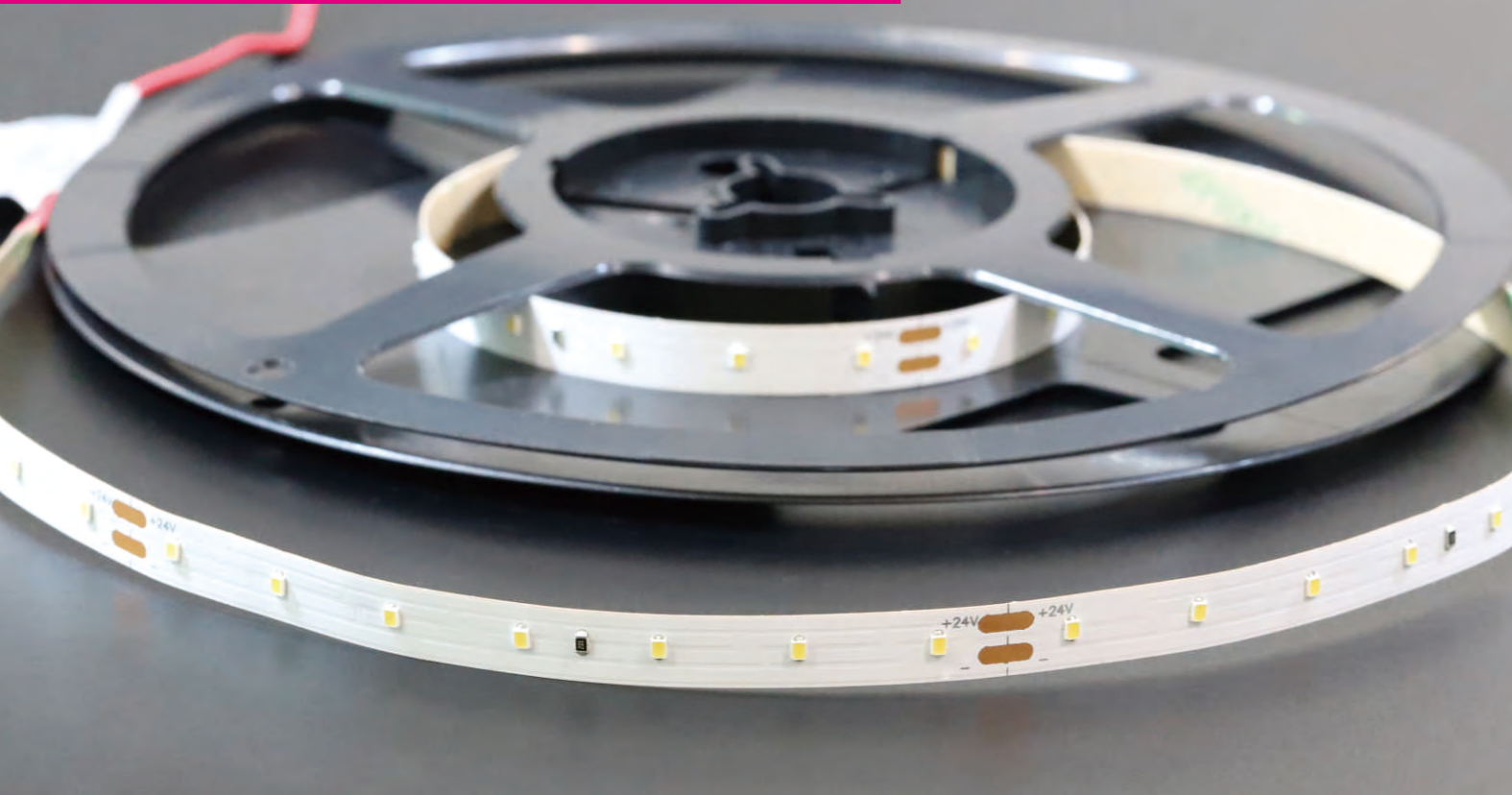


#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires







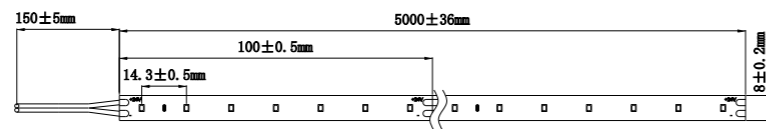
## 70LED/m 24V

### Electrical Data

- Number Led/M : 70pcs
- Power W/m±10% : 4.8W
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes

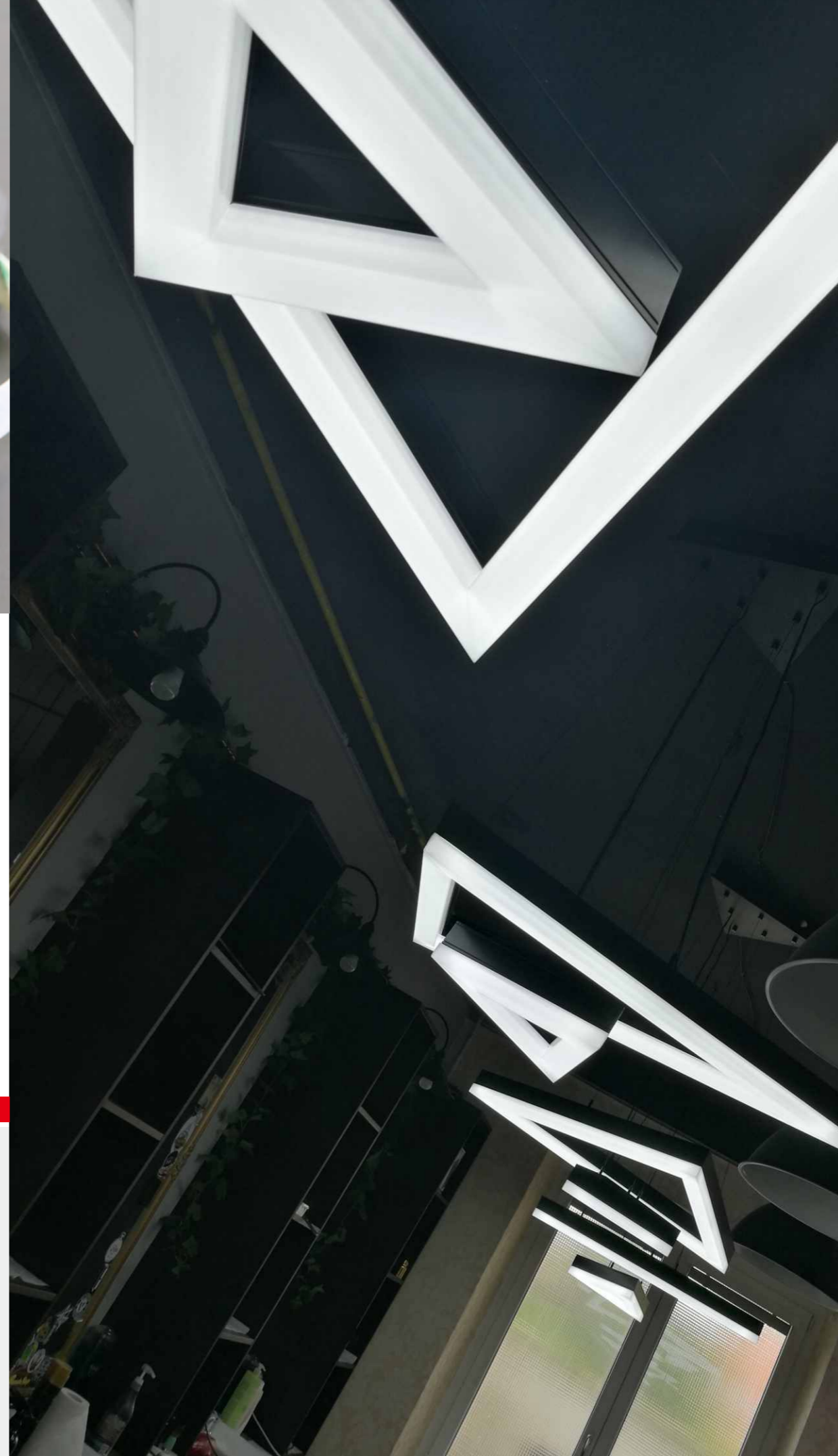


### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24070T16-8A29	2700	>90	4.8	91	436	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24070T16-8A29	3000	>90	4.8	95	456	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24070T16-8A29	4000	>90	4.8	100	480	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24070T16-8A29	6500	>90	4.8	100	480	24	20 ( 54A/B / 66A/B/C / 67 )

### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



## LED strip connectors

### Type One:

801099000138  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



102762000320  
TYPE: QJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



### Type Two:

801099000151  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



102762000353  
TYPE: QJ-SL8BB-2  
Monochrome 8mm wide 2pin



801099000191  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





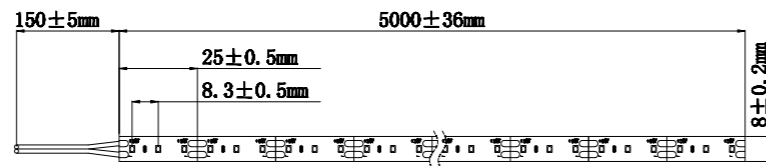
## 120LED/m 12V

### Electrical Data

- Number Led/M : 120pcs
- Power W/m±10% : 9.6W
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 25mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF12120T16-8A29	2700	>90	9.6	75	720	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF12120T16-8A29	3000	>90	9.6	80	768	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF12120T16-8A29	4000	>90	9.6	87	835	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF12120T16-8A29	6500	>90	9.6	87	835	12	20 ( 54A/B / 66A/B/C / 67 )

### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

### LED strip connectors

#### Type One:

801099000138  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



102762000320  
TYPE: QJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



#### Type Two:

801099000151  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



102762000353  
TYPE: QJ-SL8BB-2  
Monochrome 8mm wide 2pin



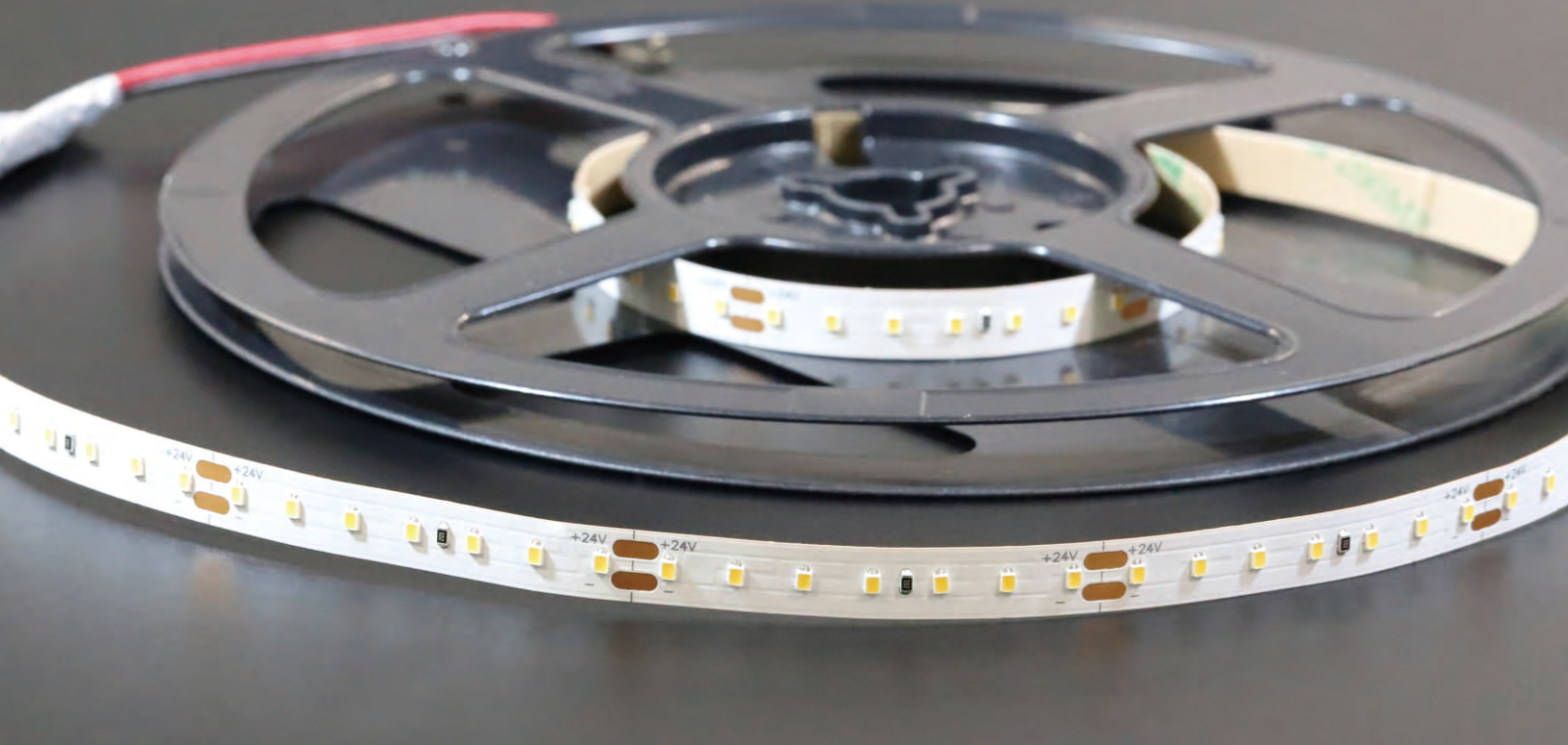
801099000191  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





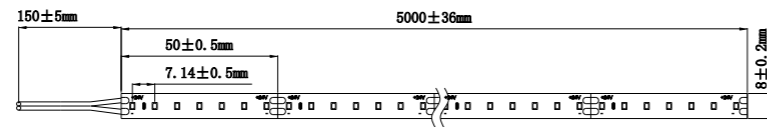
### 140LED/m 24V

#### Electrical Data

- Number Led/M : 140pcs
- Power W/m±10% : 9.6W
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24140T16-8A29	2700	>90	9.6	90	864	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24140T16-8A29	3000	>90	9.6	95	912	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24140T16-8A29	4000	>90	9.6	100	960	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24140T16-8A29	6500	>90	9.6	102	979	24	20 ( 54A/B / 66A/B/C / 67 )

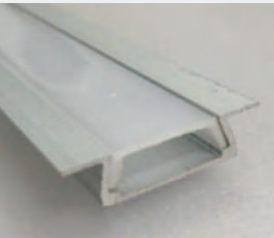
#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

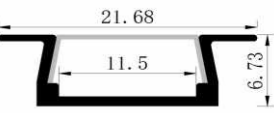


#### Aluminum Profile

##### Product Picture



##### Design specification



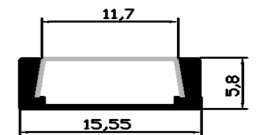
##### Description

- LS-047  
 Features:  
 1. Dimensions:3000\*22\*07MM  
 2. Profile: 1M  
 3. PC cover:1M  
 4. PCB Width: 11MM

##### Product Picture



##### Design specification



##### Description

- LS-048  
 1. Dimensions:1000\*16\*6MM  
 2. Profile: 1M  
 3. Frosted or clear cover  
 4. PCB Width:11mm





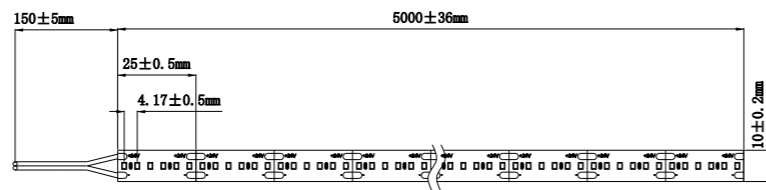
## 240LED/m 24V

### Electrical Data

- Number Led/M : 240pcs
- Power W/m±10% : 19.2W
- PCB Width : 10mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 25mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24240T16-0A29	2700	>90	19.2	75	1440	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24240T16-0A29	3000	>90	19.2	80	1536	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24240T16-0A29	4000	>90	19.2	87	1670	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24240T16-0A29	6500	>90	19.2	87	1670	24	20 ( 54A/B / 66A/B/C / 67 )

### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



### LED strip connectors

TYPE:One

102762000335  
TYPE: QJ-SE-N10XB-2G  
Monochrome 10mm width 2pin



102762000371  
TYPE: QJ-SE-N10BB-2G  
Monochrome 10mm wide 2pin



801099000183  
TYPE: QJ-SE-N10XB-2G  
Monochrome 10mm wide 2pin



### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





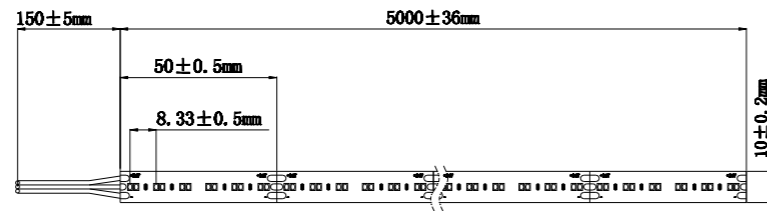
## 240LED/m 24V

### Electrical Data

- Number Led/M : 240pcs
- Power W/m±10% : 19.2W
- PCB Width : 10mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-WINF24240T16-0A29	6500+3000	>90	19.2	83	1593	24	20 ( 54A/B / 66A/B/C / 67 )

### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

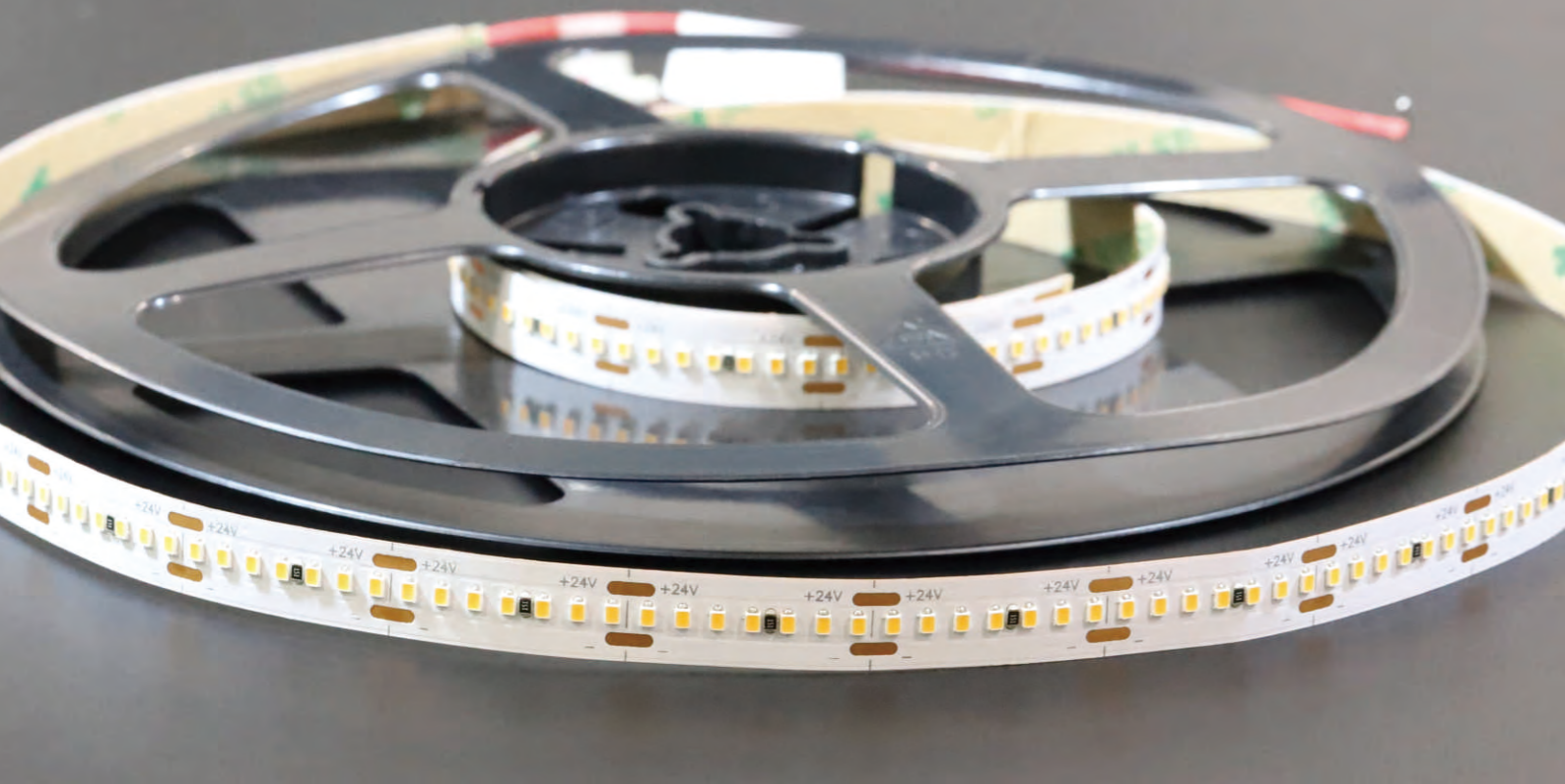
### Turnable



#### Mixed color strip controller CL-TJCCON

- Input voltage: DC 12V-24V
- Output: 3 channels
- Output current: 6A each channel
- Battery for the remote: 3pcs 1.5V AAA





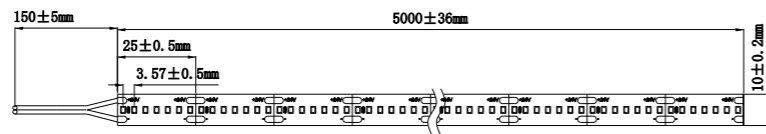
## 280LED/m 24V

### Electrical Data

- Number Led/M : 280pcs
- Power W/m ± 10% : 24W
- PCB Width : 10mm
- CRI : > 90
- Max length(10% voltage drop) : 5m
- Cut Size : 25mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes

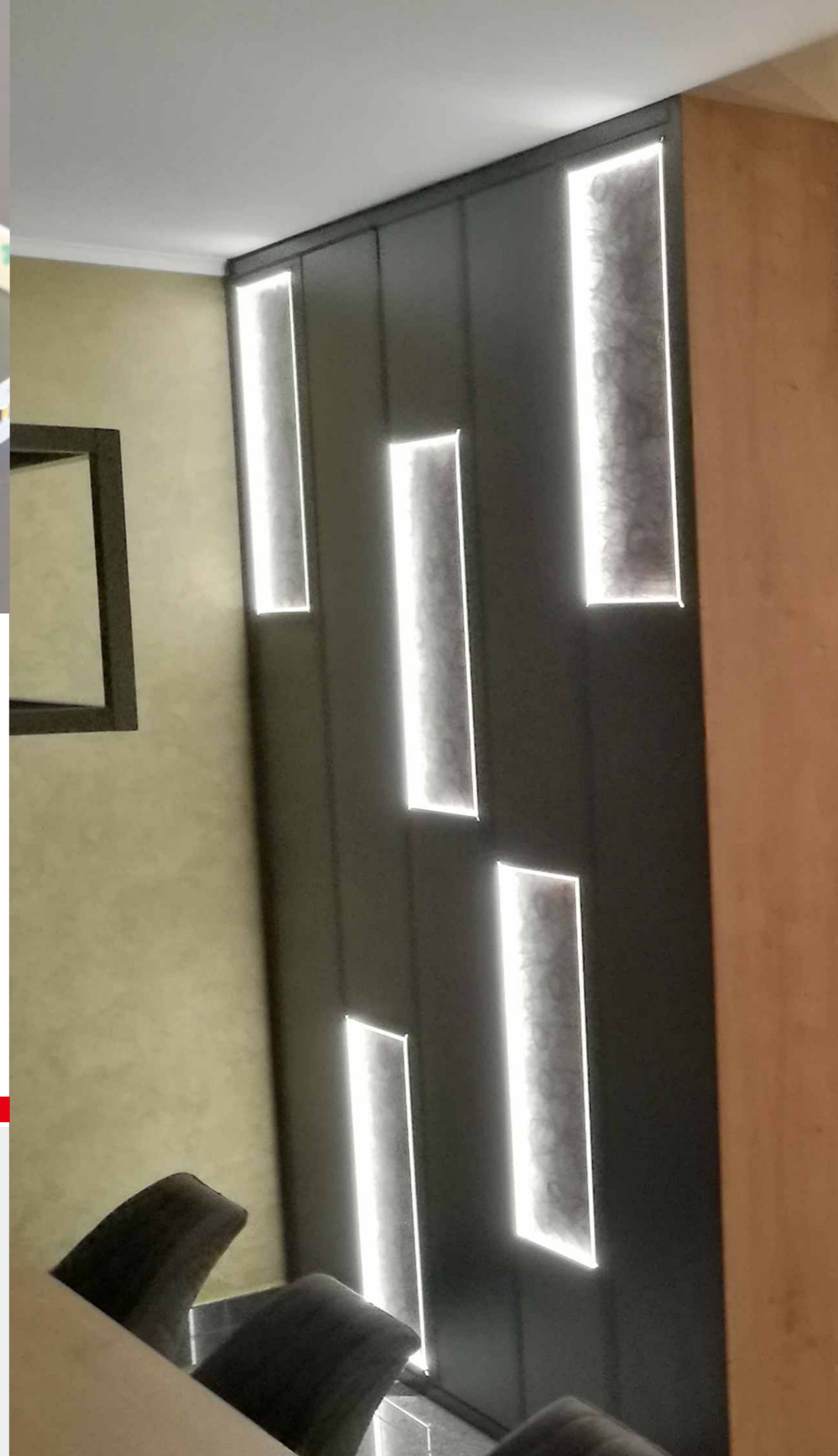


### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m) ± 10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24280T16-0A29	2700	> 90	24	75	1800	24	20 ( 54A/B / 66A/B / 67 )
CLT-INNF24280T16-0A29	3000	> 90	24	80	1970	24	20 ( 54A/B / 66A/B / 67 )
CLT-DNNF24280T16-0A29	4000	> 90	24	87	2088	24	20 ( 54A/B / 66A/B / 67 )
CLT-WNNF24280T16-0A29	6500	> 90	24	87	2088	24	20 ( 54A/B / 66A/B / 67 )

### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



## LED strip connectors

TYPE:One

102762000335  
TYPE: QJ-SE-N10XB-2G  
Monochrome 10mm width 2pin



102762000371  
TYPE: QJ-SE-N10BB-2G  
Monochrome 10mm wide 2pin



801099000183  
TYPE: QJ-SE-N10XB-2G  
Monochrome 10mm wide 2pin



### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires









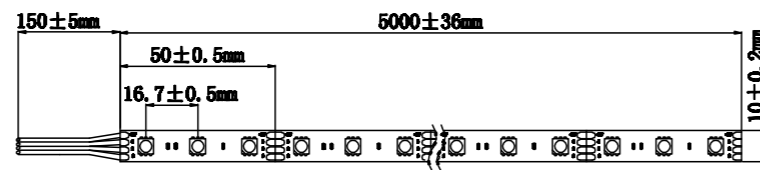
### 60LED/m 12V RGB

#### Electrical Data

- Number Led/M : 60pcs
- Power W/m±10% : 14.4W
- PCB Width : 10mm
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product parameters

Part No.CLT	CCT(K)	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-W2NF12060T03-0A20	RGB	14.4	25	360	12	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

#### LED strip connectors

##### TYPE:One

102762000339  
TYPE: QJ-SE-N10XB-4  
Monochrome 10mm width 4pin



102762000322  
TYPE: QJ-SE-N10BB-4  
Monochrome 10mm wide 4pin



801099000182  
TYPE: QJ-SE-N10XB-4  
Monochrome 10mm width 4pin



##### TYPE: Two

801099000194  
TYPE: QJ-SL10BB-4  
Monochrome 10mm width 4pin



102762000356  
TYPE: QJ-SL10BB-4  
Monochrome 10mm wide 4pin



801099000195  
TYPE: QJ-SL10BB-4  
Monochrome 10mm width 4pin



#### Accessories

- 1.Strip -To-Driver Connector With 150mm
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires

#### Controller



##### Color touch wheel controller C-TWCWCON

Input voltage: DC 12V/24V  
Output: 3 channels  
Output current: 6A each channel  
Battery for the remote: 3pcs  
1.5V AAA





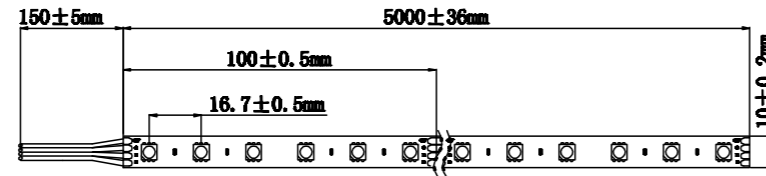
### 60LED/m 24V RGB

#### Electrical Data

- Number Led/M : 60pcs
- Power W/m±10% : 14.4W
- PCB Width : 10mm
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes

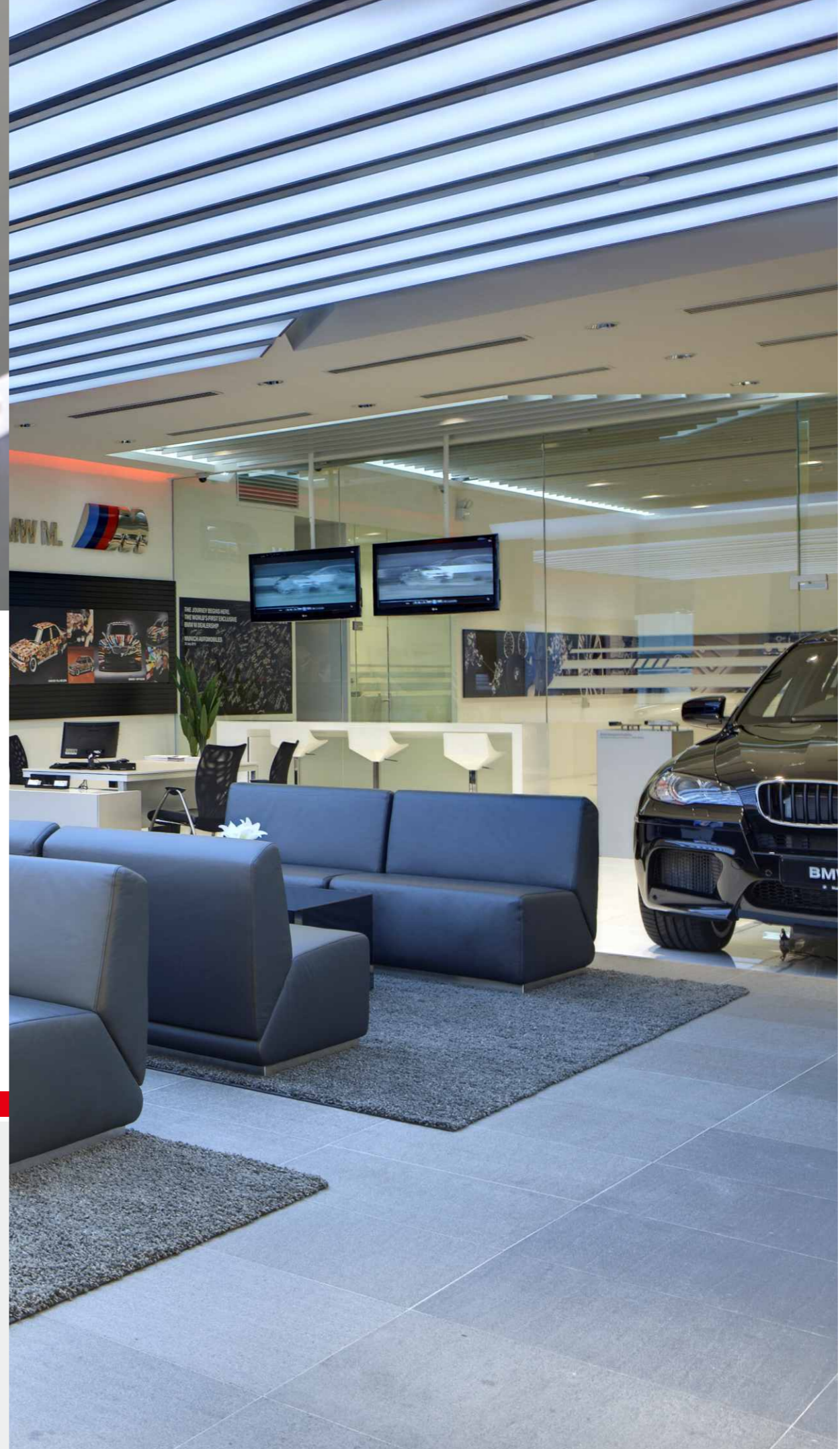


#### Product parameters

Part No.CLT	CCT(K)	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-W2NF24060T03-0A20	RGB	14.4	25	360	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



#### LED strip connectors

##### TYPE: One

102762000339  
TYPE: QJ-SE-N10XB-4  
Monochrome 10mm width 4pin



102762000322  
TYPE: QJ-SE-N10BB-4  
Monochrome 10mm wide 4pin



801099000182  
TYPE: QJ-SE-N10XB-4  
Monochrome 10mm width 4pin



##### TYPE: Two

801099000194  
TYPE: QJ-SL10BB-4  
Monochrome 10mm width 4pin



102762000356  
TYPE: QJ-SL10BB-4  
Monochrome 10mm wide 4pin



801099000195  
TYPE: QJ-SL10BB-4  
Monochrome 10mm width 4pin



#### Accessories

- 1.Strip -To-Driver Connector With 150mm
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires

#### Controller



#### Color touch wheel controller C-TWCWCON

Input voltage: DC 12V/24V  
Output: 3 channels  
Output current: 6A each channel  
Battery for the remote: 3pcs 1.5V AAA





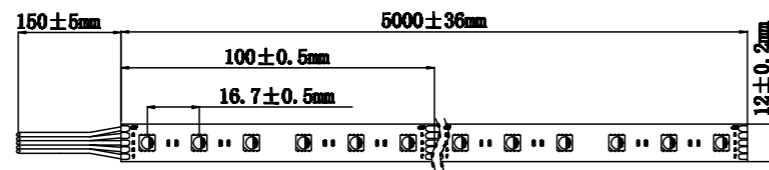
## 60LED/m 24V RGB+W

### Electrical Data

- Number Led/M : 60pcs
- Power W/m±10% : 19.2W
- PCB Width : 12mm
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-IRNF24060T03-2A20	RGB+3000K	19.2	45	864	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DRNF24060T03-2A20	RGB+4000K	19.2	45	864	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WRNF24060T03-2A20	RGB+6000K	19.2	47	902	24	20 ( 54A/B / 66A/B/C / 67 )

### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



### LED strip connectors

TYPE:One

102762000342  
TYPE: QJ-SE-N12XB-5  
Monochrome 12mm width 5pin



102762000344  
TYPE: QJ-SE-N12BB-5  
Monochrome 12mm wide 5pin



801099000184  
TYPE: QJ-SE-N12XB-5  
Monochrome 12mm wide 5pin



### Accessories

- 1.Strip -To-Driver Connector With 150mm
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 22AWG 150mm Wires

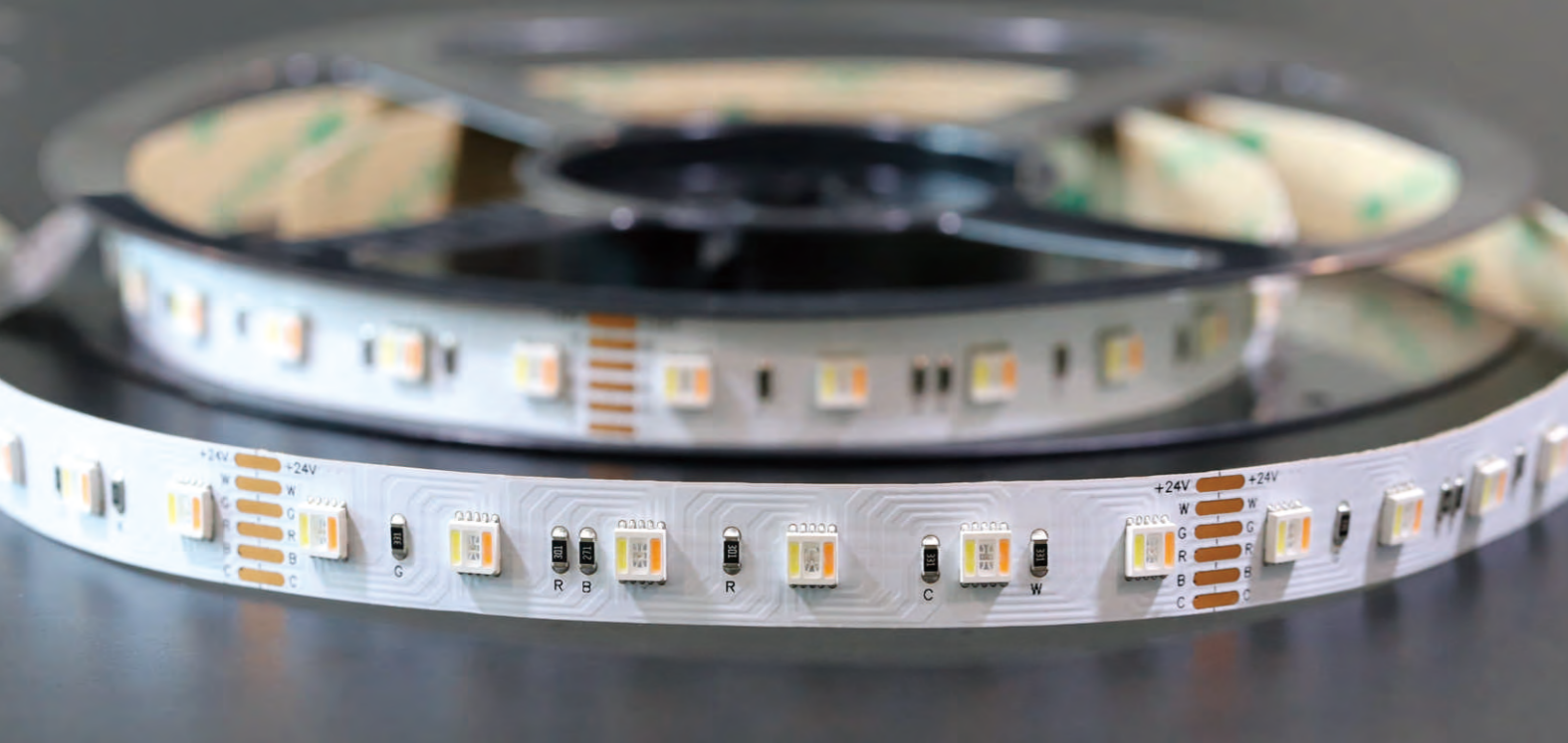
### Controller



### RGB+W touch wheel controller

Operation voltage:12-24VDC  
Size(mm):110\*52\*20  
Receiver:  
Working voltage:12-36VDC  
Max load per channel:6A  
Size(mm):85\*45\*23  
Technical distance:30m





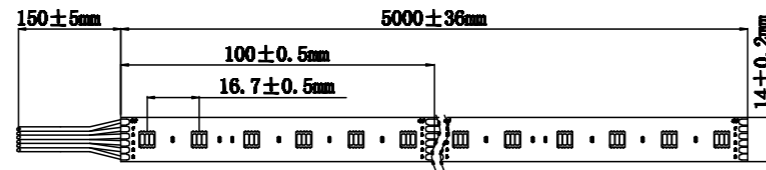
**60LED/m 24V RGB+W+WW**

**Electrical Data**

- Number Led/M : 60pcs
- Power W/m±10% : 24W
- PCB Width : 14mm
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm

**Standards / Normative Requirements**

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes

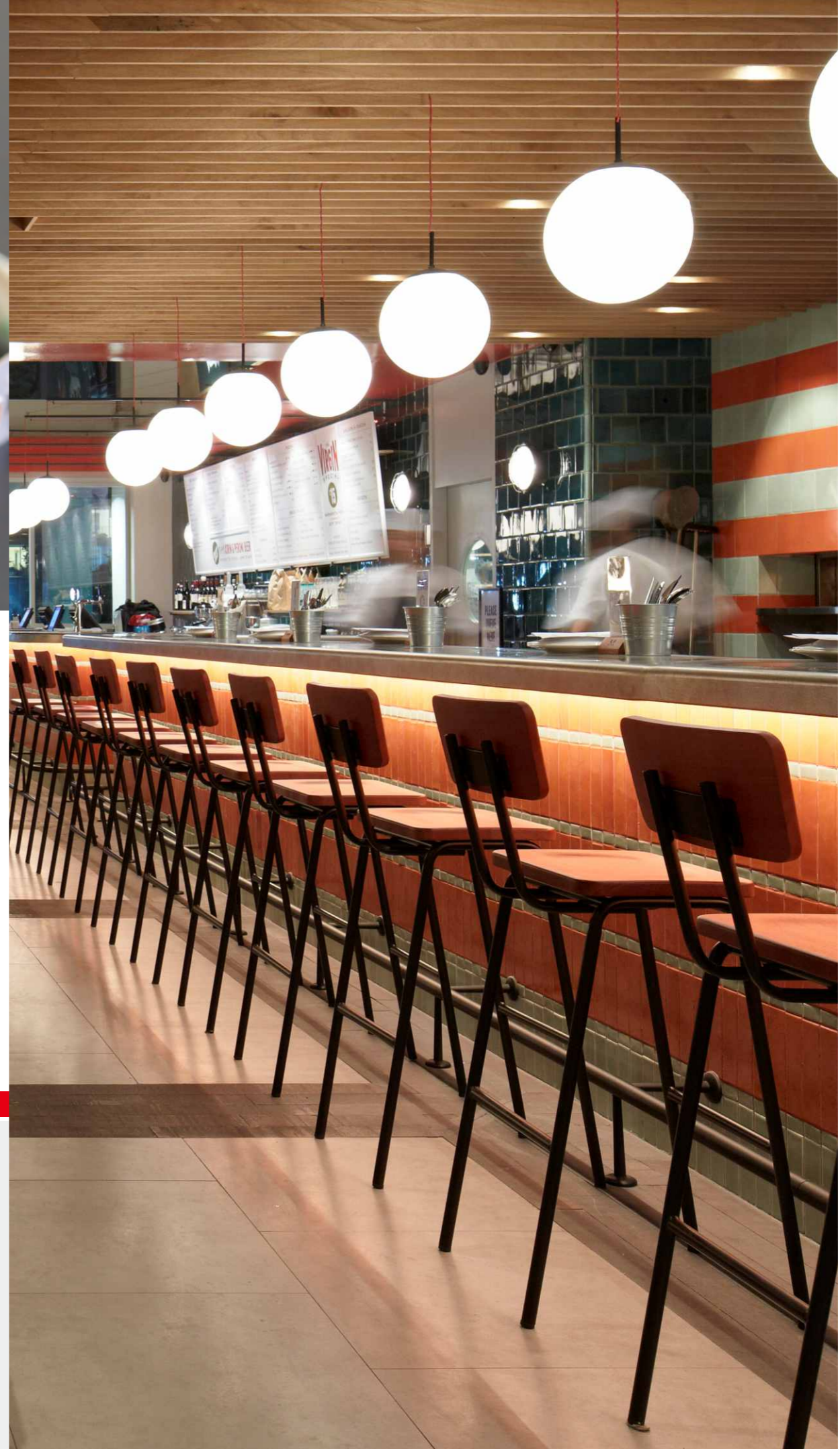


**Product parameters**

Part No.CLT	CCT(K)	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-WWNF24060T03-4A28	RGB+2400K+6500K	24	60	1440	24	20

**Cautions :**

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



**Controller**



**Hand-holder**

- 5 IN 1 Smart LED Controller
- Model No.: LS2
- Working Temperature: -20-60°C
- Input Voltage: DC12V-24V
- Output: 6A/Channel
- Total output Max: 15A
- 2.4G wireless control/WIFI control



**Wall touch**

- 5 IN 1 Smart LED Controller
- Model No.: LS2
- Working Temperature: -20-60°C
- Input Voltage: DC12V-24V
- Output: 6A/Channel
- Total output Max: 15A
- 2.4G wireless control/WIFI control





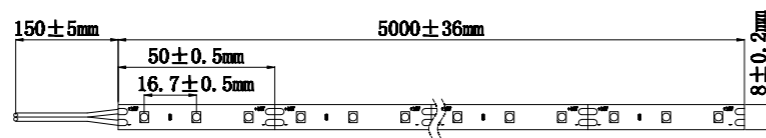
### 60LED/m 12V

#### Electrical Data

- Number Led/M : 60pcs
- Power W/m±10% : 4.8W
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm
- SDCM : 3-step

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF12060T02-8A29	2700	>90	4.8	68	326	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF12060T02-8A29	3000	>90	4.8	70	336	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF12060T02-8A29	4000	>90	4.8	76	365	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF12060T02-8A29	6500	>90	4.8	75	360	12	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



#### LED strip connectors

##### Type One:

801099000138  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



102762000320  
TYPE: QJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



##### Type Two:

801099000151  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



102762000353  
TYPE: QJ-SL8BB-2  
Monochrome 8mm wide 2pin



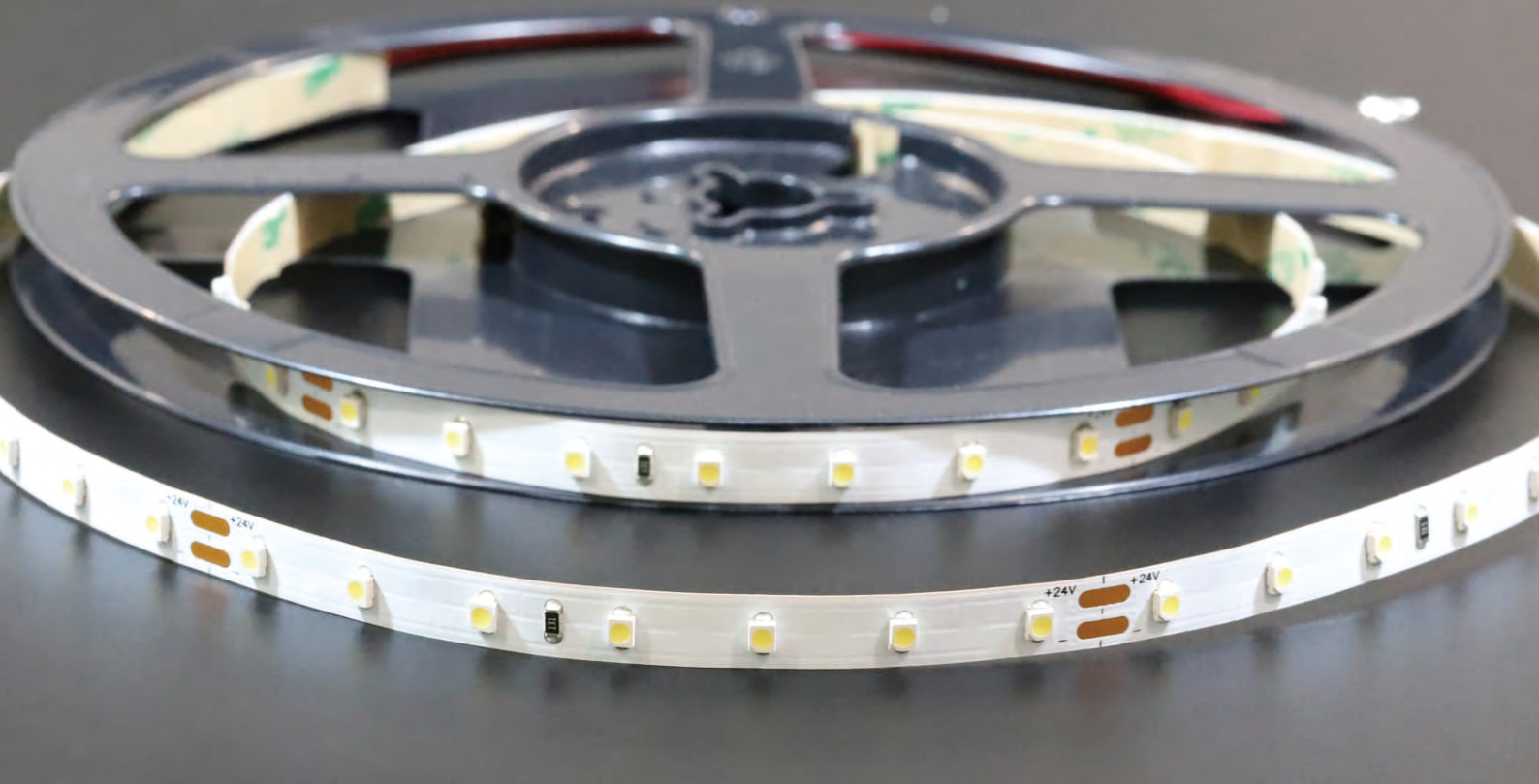
801099000191  
TYPE: QJ-SL8XB-2  
Monochrome 8mm wide 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





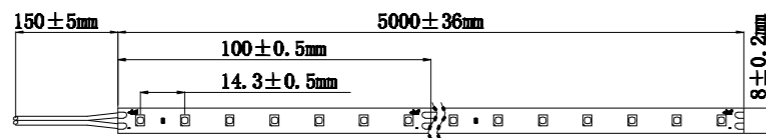
## 70LED/m 24V

### Electrical Data

- Number Led/M : 70pcs
- Power W/m±10% : 4.8W
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 100mm
- SDCM : 3-step

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24070T02-8A29	2700	>90	4.8	78	374	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24070T02-8A29	3000	>90	4.8	80	384	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24070T02-8A29	4000	>90	4.8	88	422	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24070T02-8A29	6500	>90	4.8	85	408	24	20 ( 54A/B / 66A/B/C / 67 )

### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



### LED strip connectors

#### Type One:

801099000138  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm width 2pin



102762000320  
TYPE: QJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: QJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



#### Type Two:

801099000151  
TYPE: QJ-SL8XB-2  
Monochrome 8mm width 2pin



102762000353  
TYPE: QJ-SL8BB-2  
Monochrome 8mm wide 2pin



801099000191  
TYPE: QJ-SL8XB-2  
Monochrome 8mm width 2pin



### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





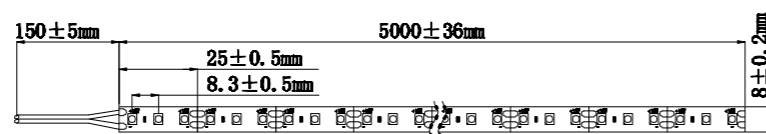
## 120LED/m 12V

### Electrical Data

- Number Led/M : 120pcs
- Power W/m ± 10% : 9.6W
- PCB Width : 8mm
- CRI : > 90
- Max length(10% voltage drop) : 5m
- Cut Size : 25mm
- SDCM : 3-step

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m) ± 10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF12120T02-8A29	2700	>90	9.6	68	653	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF12120T02-8A29	3000	>90	9.6	70	670	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF12120T02-8A29	4000	>90	9.6	76	730	12	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF12120T02-8A29	6500	>90	9.6	75	720	12	20 ( 54A/B / 66A/B/C / 67 )

### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

## LED strip connectors

### Type One:

801099000138  
TYPE: GJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



102762000320  
TYPE: GJ-SE-N8BB-2  
Monochrome 8mm wide 2pin



801099000180  
TYPE: GJ-SE-N8XB-2  
Monochrome 8mm wide 2pin



### Type Two:

801099000151  
TYPE: GJ-SL8XB-2  
Monochrome 8mm wide 2pin



102762000353  
TYPE: GJ-SL8BB-2  
Monochrome 8mm wide 2pin



801099000191  
TYPE: GJ-SL8XB-2  
Monochrome 8mm wide 2pin



### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





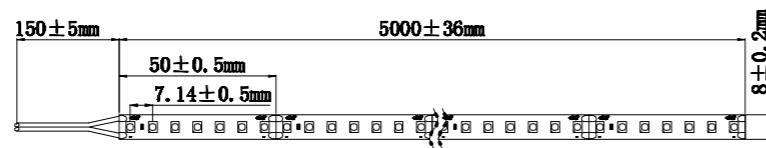
## 140LED/m 24V

### Electrical Data

- Number Led/M : 140pcs
- Power W/m ± 10% : 9.6W
- PCB Width : 8mm
- CRI : > 90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm
- SDCM : 3-step

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m) ± 10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNNF24140T02-8A29	2700	>90	9.6	78	749	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-INNF24140T02-8A29	3000	>90	9.6	80	768	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-DNNF24140T02-8A29	4000	>90	9.6	88	845	24	20 ( 54A/B / 66A/B/C / 67 )
CLT-WNNF24140T02-8A29	6500	>90	9.6	85	816	24	20 ( 54A/B / 66A/B/C / 67 )

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

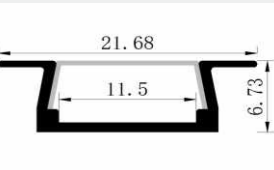


### Aluminum Profile

#### Product Picture



#### Design specification



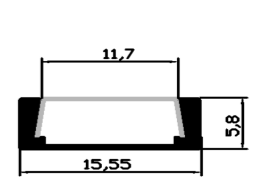
#### Description

- LS-047  
Features:  
1. Dimensions: 3000\*22\*07MM  
2. Profile: 1M  
3. PC cover: 1M  
4. PCB Width: 11MM

#### Product Picture



#### Design specification



#### Description

- LS-048  
1. Dimensions: 1000\*16\*6MM  
2. Profile: 1M  
3. Frosted or clear cover  
4. PCB Width: 11mm





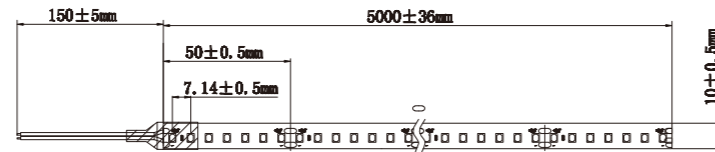
## IP54 A Silicon Glue

### Electrical Data

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

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product Parameters

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNWF24140T09-0A39	2700	>90	14.4	65	936	24	54A
CLT-INWF24140T09-0A39	3000	>90	14.4	70	1008	24	54A
CLT-DNWF24140T09-0A39	4000	>90	14.4	75	1080	24	54A
CLT-FNWF24140T09-0A39	5000	>90	14.4	83	1195	24	54A
CLT-WNWF24140T09-0A39	6000	>90	14.4	83	1195	24	54A

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

### LED strip connectors

TYPE:One

801099000139  
TYPE: QJ-DJ-N10XB-2  
Monochrome 10mm wide 2pin



102762000327  
TYPE: QJ-DJ-N10BB-2  
Monochrome 10mm wide 2pin



801099000187  
TYPE: QJ-DJ-N10XB-2  
Monochrome 10mm wide 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





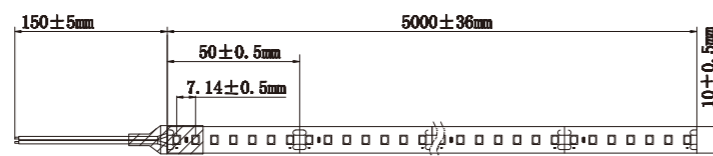
## IP54 B Silicon Glue Extrusion

### Electrical Data

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

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product Parameters

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNDF24140T09-0A39	2700	>90	14.4	65	936	24	54B
CLT-INDF24140T09-0A39	3000	>90	14.4	70	1008	24	54B
CLT-DNDF24140T09-0A39	4000	>90	14.4	75	1080	24	54B
CLT-FNDF24140T09-0A39	5000	>90	14.4	83	1195	24	54B
CLT-WNDF24140T09-8A39	6000	>90	14.4	83	1195	24	54B

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



### LED strip connectors

TYPE:One

801099000139  
TYPE: QJ-DJ-N10XB-2  
Monochrome 10mm wide 2pin



102762000327  
TYPE: QJ-DJ-N10BB-2  
Monochrome 10mm wide 2pin



801099000187  
TYPE: QJ-DJ-N10XB-2  
Monochrome 10mm wide 2pin



#### Accessories

- 1.Strip -To-Driver Connector With 20AWG 150mm Wires
- 2.Strip -To-Strip Connector Without Wires
- 3.Strip -To-Strip Connector With 20AWG 150mm Wires





With various accessories available based on 5meter

TYPE: 801099000089

Silicone plug without hole plug



End cup without Hole 5pcs

Silicone plug with wire end plug



End Cup With Hole 5pcs

Cassette



Clips 20PCS

Screw belt muon round head self tapping screw



Screw 20pcs

Plug 801 special glue



Glue 1pcs

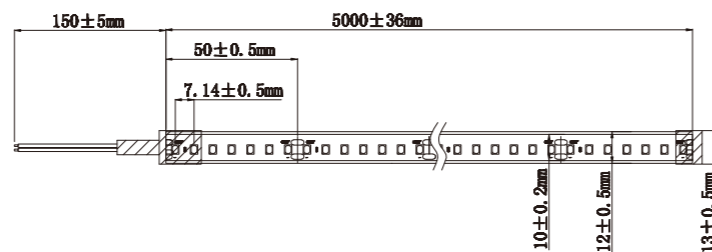
## IP66 A Silicon Glue Extrusion Curve Shape

### Electrical Data

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

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



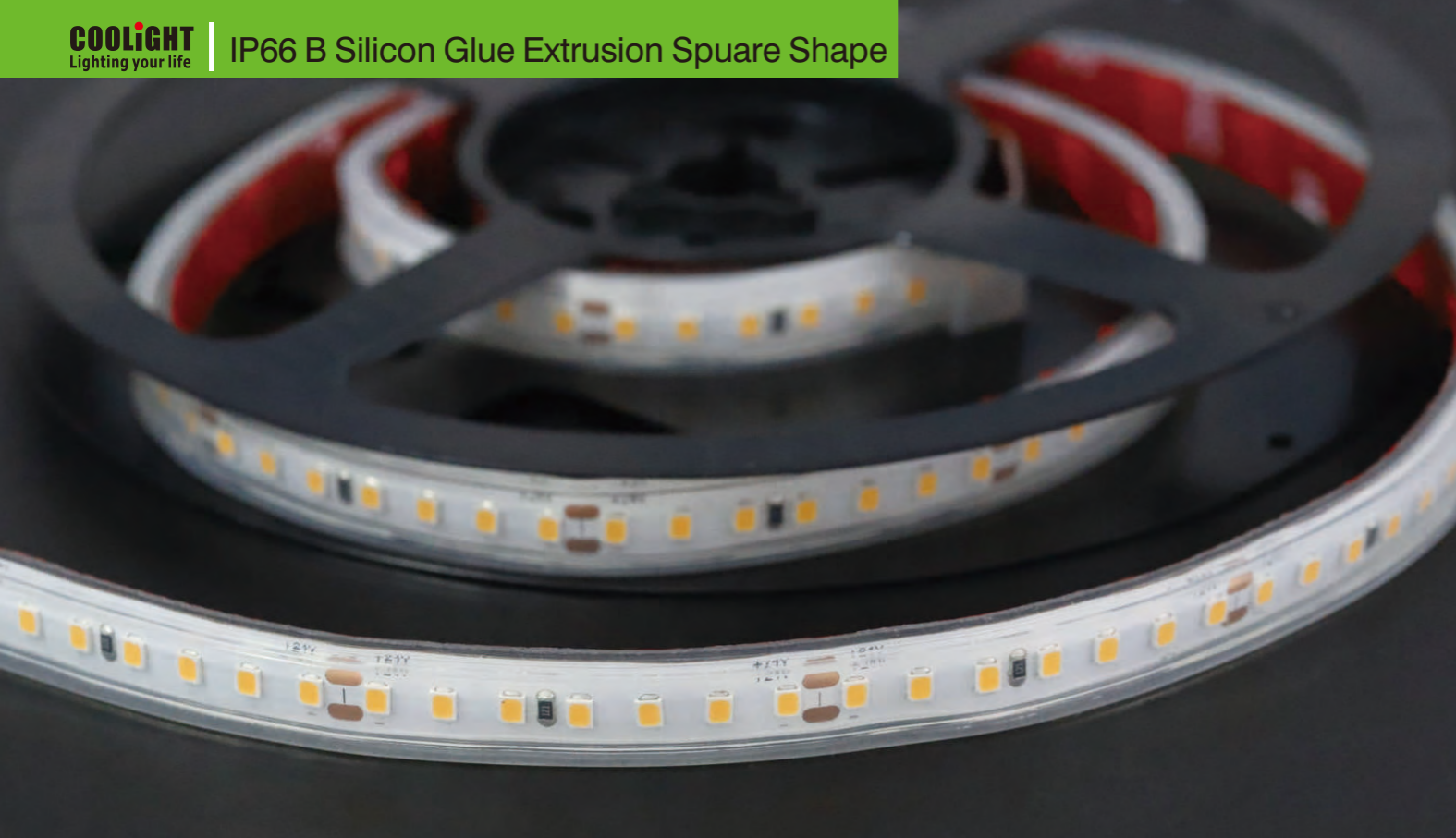
### Product Parameters

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNHF24140T09-0A39	2700	>90	14.4	65	936	24	66A
CLT-INHF24140T09-0A39	3000	>90	14.4	70	1008	24	66A
CLT-DNHF24140T09-0A39	4000	>90	14.4	75	1080	24	66A
CLT-FNHF24140T09-0A39	5000	>90	14.4	83	1195	24	66A
CLT-WNHF24140T09-0A39	6000	>90	14.4	83	1195	24	66A

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.





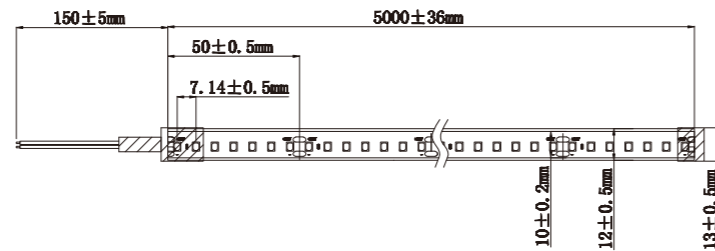
## IP66 B Silicon Glue Extrusion Square Shape

### Electrical Data

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

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product Parameters

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNJF24140T09-0A39	2700	>90	14.4	65	936	24	66B
CLT-INJF24140T09-0A39	3000	>90	14.4	70	1008	24	66B
CLT-DNJF24140T09-0A39	4000	>90	14.4	75	1080	24	66B
CLT-FNJF24140T09-0A39	5000	>90	14.4	83	1195	24	66B
CLT-WNJF24140T09-0A39	6000	>90	14.4	83	1195	24	66B

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

With various accessories available based on 5meter

TYPE: 801099000092

Silicone plug without hole plug



End cup without Hole 5pcs

Silicone plug with wire end plug



End Cup With Hole 5pcs

Cassette



Clips 20PCS

Screw belt moon round head self tapping screw



Screw 20pcs

Plug 801 special glue



Glue 1pcs





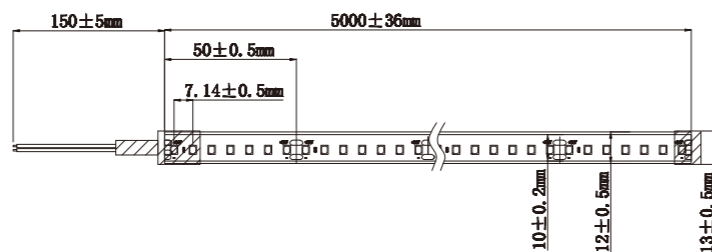
## IP66 C Dual Color Silicon Glue Extrusion

### Electrical Data

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

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product Parameters

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNMF24140T09-0A39	2700	>90	14.4	65	936	24	66C
CLT-INMF24140T09-0A39	3000	>90	14.4	70	1008	24	66C
CLT-DNMF24140T09-0A39	4000	>90	14.4	75	1080	24	66C
CLT-FNMF24140T09-0A39	5000	>90	14.4	83	1195	24	66C
CLT-WNMF24140T09-0A39	6000	>90	14.4	83	1195	24	66C

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



With various accessories available based on 5meter

TYPE: 801099000092

Silicone plug without hole plug



End cup without Hole 5pcs

Silicone plug with wire end plug



End Cup With Hole 5pcs

Cassette



Clips 20PCS

Screw belt moon round head self tapping screw



Screw 20pcs

Plug 801 special glue



Glue 1pcs





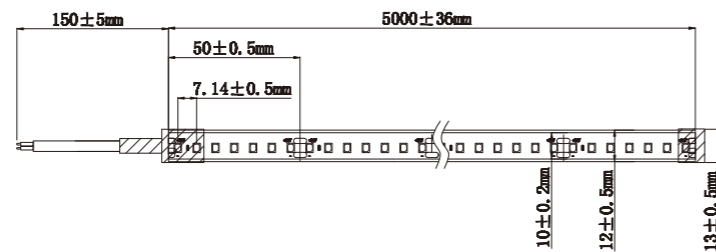
### IP67 Silicon Glue Extrusion With Glue Inside

**Electrical Data**

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

**Standards / Normative Requirements**

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



**Product Parameters**

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNSF24140T09-0A39	2700	>90	14.4	65	936	24	67
CLT-INSF24140T09-0A39	3000	>90	14.4	70	1008	24	67
CLT-DNSF24140T09-0A39	4000	>90	14.4	75	1080	24	67
CLT-FNSF24140T09-0A39	5000	>90	14.4	83	1195	24	67
CLT-WNSF24140T09-0A39	6000	>90	14.4	83	1195	24	67

**Cautions :**

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



With various accessories available based on 5meter

TYPE: 801099000095

Silicone plug without hole plug



End cup without Hole 5pcs

Silicone plug with wire end plug



End Cup With Hole 5pcs

Cassette



Clips 20PCS

Screw belt moon round head self tapping screw



Screw 20pcs

Plug 801 special glue



Glue 1 pcs





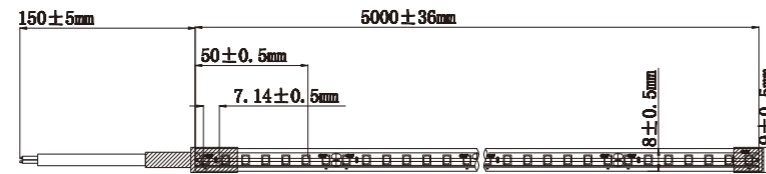
## 4×8mm Side View Neon Light

### Electrical Data

- Number Led/M : 140pcs
- Power W/m±10% : 9.6W
- PCB Width : 5mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNQF24140T09-5A29	2700	>90	9.6	18	173	24	66
CLT-INQF24140T09-5A29	3000	>90	9.6	18	173	24	66
CLT-DNQF24140T09-5A29	4000	>90	9.6	22	211	24	66
CLT-FNQF24140T09-5A29	5000	>90	9.6	22	211	24	66

### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.

With various accessories available based on 5meter

TYPE: 801099000106

Silicone plug without hole plug



End cup without Hole 5pcs

Silicone plug with wire end plug



End Cup With Hole 5pcs

Stainless steel holder



Clips 20PCS

Screw round head cross tapping screw



Screw 20pcs

Plug 801 special glue



Glue 1pcs





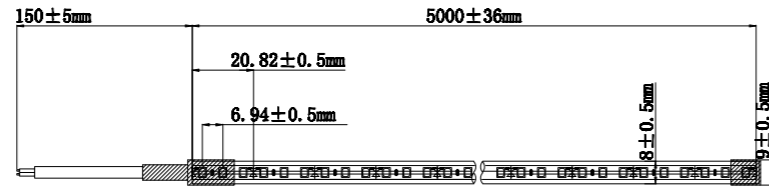
### 4×8mm Side View Neon Light

**Electrical Data**

- Number Led/M : 144pcs
- Power W/m±10% : 9.6W
- PCB Width : 5mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

**Standards / Normative Requirements**

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



**Product parameters**

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNQF24144T09-5A29	2700	>90	9.6	18	173	12	66
CLT-INQF24144T09-5A29	3000	>90	9.6	18	173	12	66
CLT-DNQF24144T09-5A29	4000	>90	9.6	22	211	12	66
CLT-FNQF24144T09-5A29	5000	>90	9.6	22	211	12	66

- Cautions :**
1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
  2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



With various accessories available based on 5meter

TYPE: 801099000106

- Silicone plug without hole plug
- End cup without Hole 5pcs
- Silicone plug with wire end plug
- End Cup With Hole 5pcs
- Stainless steel holder
- Clips 20PCS
- Screw round head cross tapping screw
- Screw 20pcs
- Plug 801 special glue
- Glue 1pcs





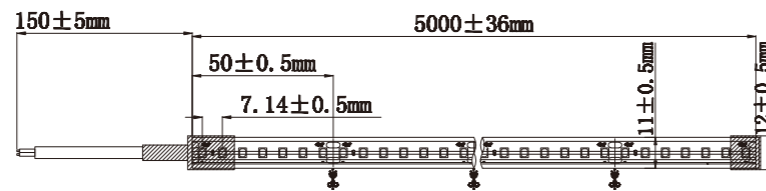
### 6.5×11mm Side View Neon Light

#### Electrical Data

- Number Led/M : 140pcs
- Power W/m±10% : 14.4W
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

#### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



#### Product parameters

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNQF24140T09-8A39	2700	>90	14.4	20	288	24	66
CLT-INQF24140T09-8A39	3000	>90	14.4	22	317	24	66
CLT-DNQF24140T09-8A39	4000	>90	14.4	25	360	24	66
CLT-FNQF24140T09-8A39	5000	>90	14.4	25	360	24	66

#### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



With various accessories available based on 5meter

TYPE: 801099000097

Silicone plug without hole plug



End cup without Hole 5pcs

Silicone plug with wire end plug



End Cup With Hole 5pcs

Stainless steel holder



Clips 20PCS



Screw 20pcs

Plug 801 special glue



Glue 1pcs





With various accessories available based on 5meter

TYPE: 801099000096

Silicone plug without hole plug



End cup without Hole 5pcs

Silicone plug with wire end plug



End Cup With Hole 5pcs

Stainless steel holder



Clips 20PCS

Screw round head cross tapping screw



Screw 20pcs

Plug 801 special glue



Glue 1pcs

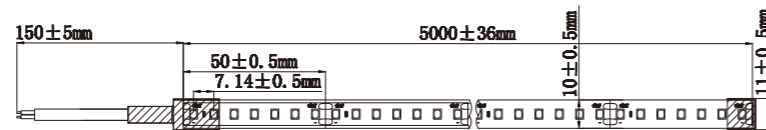
## 10×10mm Curve Top View Neon Light

### Electrical Data

- Number Led/M : 140pcs
- Power W/m±10% : 14.4W
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNHF24140T09-8A39	2700	>90	14.4	62	893	24	66
CLT-INHF24140T09-8A39	3000	>90	14.4	64	922	24	66
CLT-DNHF24140T09-8A39	4000	>90	14.4	70	1008	24	66
CLT-FNHF24140T09-8A39	5000	>90	14.4	70	1008	24	66

### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.





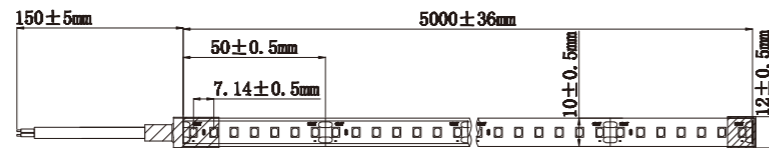
## 10×10mm Square Top View Neon Light

### Electrical Data

- Number Led/M : 140pcs
- Power W/m±10% : 14.4W
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 50mm

### Standards / Normative Requirements

- Eye security : IEC 62471
- Protection class : EN 60529
- Safety Requirements : EN 62031 IEC 60598-1
- EMC / radio disturbance characteristics : EN 55015
- ROHS : Yes
- CE : Yes
- UL : Yes



### Product parameters

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC ( Optional )	IP ( Optional )
CLT-KNQF24140T09-8A39	2700	>90	14.4	50	720	24	66
CLT-INQF24140T09-8A39	3000	>90	14.4	53	763	24	66
CLT-DNQF24140T09-8A39	4000	>90	14.4	60	864	24	66
CLT-FNQF24140T09-8A39	5000	>90	14.4	60	864	24	66

### Cautions :

1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M(4.39W/feet)no need for additional heat sinking on Alu profile, if more than 14.4W/M(4.39W/feet) must be used the heat sinking.



With various accessories available based on 5meter

TYPE: 801099000156

Silicone plug without hole plug



End cup without Hole 5pcs

Silicone plug with wire end plug



End Cup With Hole 5pcs

10102000038  
Stainless steel holder



Clips 20PCS

Screw round head cross tapping screw



Screw 20pcs

Plug 801 special glue



Glue 1pcs



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: Aluminum 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

