

2020 CATALOGUE

Innovative LED Strip



COOLiGHT

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Shenzhen Coolight Opt-Ele Co., Ltd
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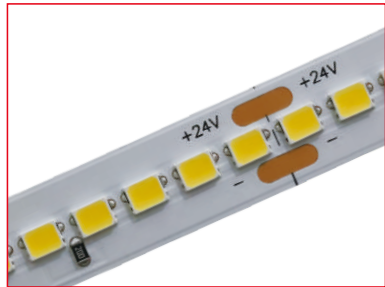
COOLiGHT
Lighting your life
Since 2006

Over 13 Year of Experience for LED Light

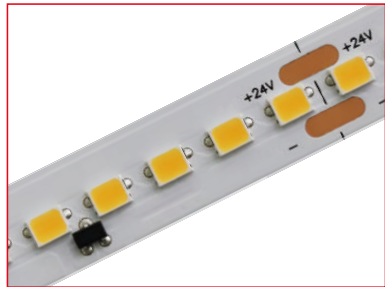
3040 LED Strip



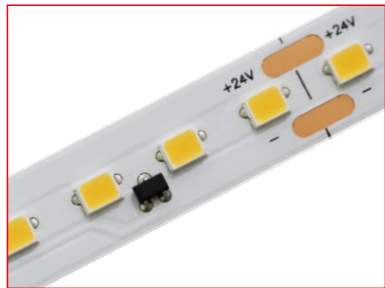
▶ P2-12
High Efficiency Series



▶ P13-18
High Brightness Series



▶ P19-26
High Efficiency + IC Series



▶ P27-34
High Brightness + IC + Super Long Series

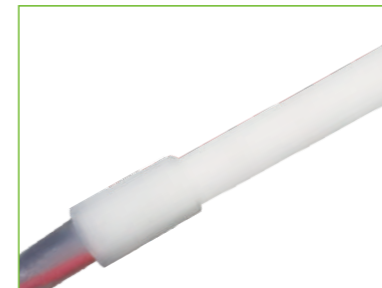
IP66A Milky Dotless LED Strip



▶ P35-38
4mm PCB



▶ P39-42
6mm PCB



▶ P43-46
8mm PCB



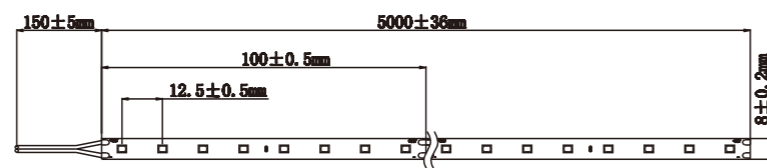
80LED 24V 4.8W

Electrical Data

- Number Led/M : 80pcs
- Power W/m±10% : 4.8W
- PCB Width : 8mm
- 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



Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24080T30-8A28	2700	>80	4.8	165	792	24	20 (54A/B / 66A/B/C / 67)
CLT-INNF24080T30-8A28	3000	>80	4.8	170	816	24	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24080T30-8A28	4000	>80	4.8	180	864	24	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24080T30-8A28	6000	>80	4.8	180	864	24	20 (54A/B / 66A/B/C / 67)

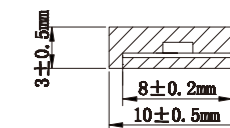
Cautions :

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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

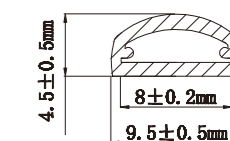


Waterproof Version:

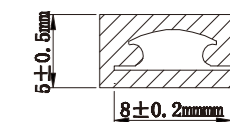
IP67 Silicon Glue Extrusion With Glue Inside



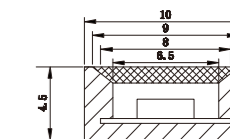
IP66 A Silicon Glue Extrusion Curve Shape



IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





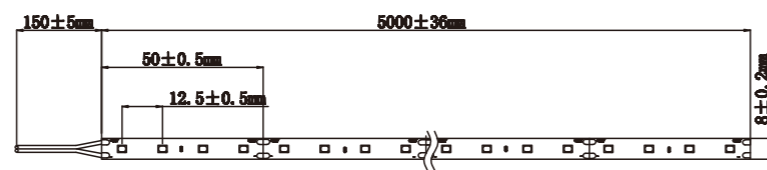
80LED 12V 4.8W

Electrical Data

- Number Led/M : 80pcs
- Power W/m±10% : 4.8W
- PCB Width : 8mm
- 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



Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF12080T30-8A28	2700	>80	4.8	165	792	12	20 (54A/B / 66A/B/C / 67)
CLT-INNF12080T30-8A28	3000	>80	4.8	170	816	12	20 (54A/B / 66A/B/C / 67)
CLT-DNNF12080T30-8A28	4000	>80	4.8	180	864	12	20 (54A/B / 66A/B/C / 67)
CLT-WNNF12080T30-8A28	6000	>80	4.8	180	864	12	20 (54A/B / 66A/B/C / 67)

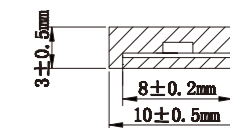
Cautions :

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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

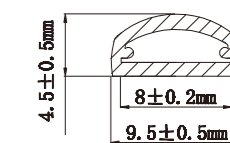


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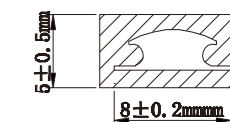
IP67 Silicon Glue Extrusion With Glue Inside



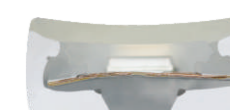
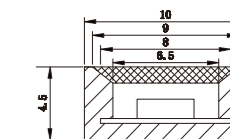
IP66 A Silicon Glue Extrusion Curve Shape



IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





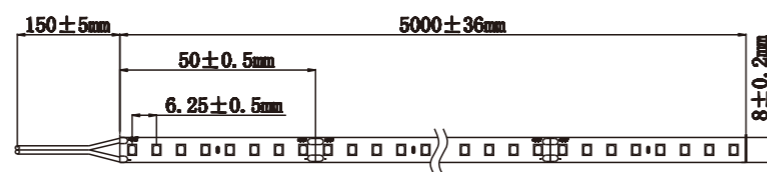
160LED 24V 9.6W

Electrical Data

- Number Led/M : 160pcs
- Power W/m±10% : 9.6W
- PCB Width : 8mm
- CRI : >80
- 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



Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24160T30-8A28	2700	>80	9.6	165	1584	24	20 (54A/B / 66A/B/C / 67)
CLT-INNF24160T30-8A28	3000	>80	9.6	170	1632	24	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24160T30-8A28	4000	>80	9.6	180	1728	24	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24160T30-8A28	6000	>80	9.6	180	1728	24	20 (54A/B / 66A/B/C / 67)

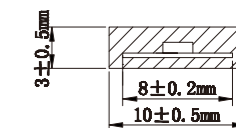
Cautions :

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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

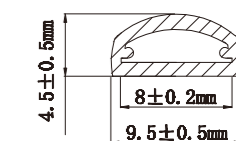


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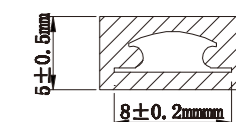
IP67 Silicon Glue Extrusion With Glue Inside



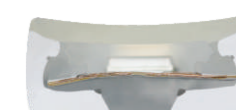
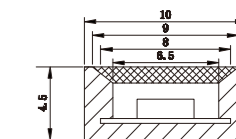
IP66 A Silicon Glue Extrusion Curve Shape



IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





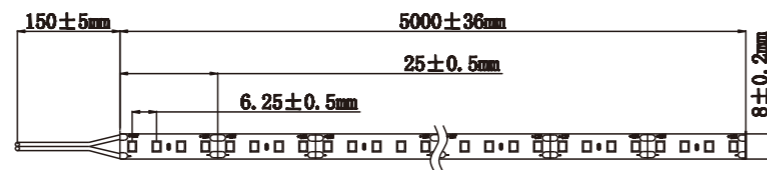
160LED 12V 9.6W

Electrical Data

- Number Led/M : 160pcs
- Power W/m±10% : 9.6W
- PCB Width : 8mm
- CRI : >80
- 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



Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF12160T30-8A28	2700	>80	9.6	165	1584	12	20 (54A/B / 66A/B/C / 67)
CLT-INNF12160T30-8A28	3000	>80	9.6	170	1632	12	20 (54A/B / 66A/B/C / 67)
CLT-DNNF12160T30-8A28	4000	>80	9.6	180	1728	12	20 (54A/B / 66A/B/C / 67)
CLT-WNNF12160T30-8A28	6000	>80	9.6	180	1728	12	20 (54A/B / 66A/B/C / 67)

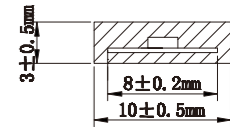
Cautions :

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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

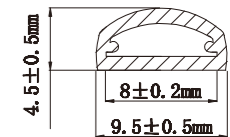


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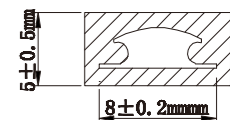
IP67 Silicon Glue Extrusion With Glue Inside



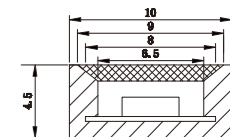
IP66 A Silicon Glue Extrusion Curve Shape



IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





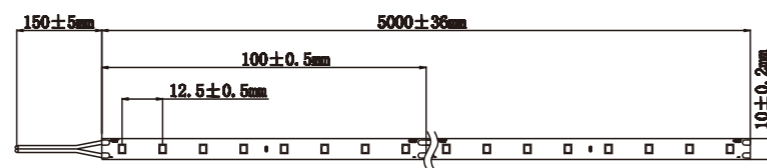
80LED 24V 14.4W

Electrical Data

- Number Led/M : 80pcs
- Power W/m±10% : 14.4W
- 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

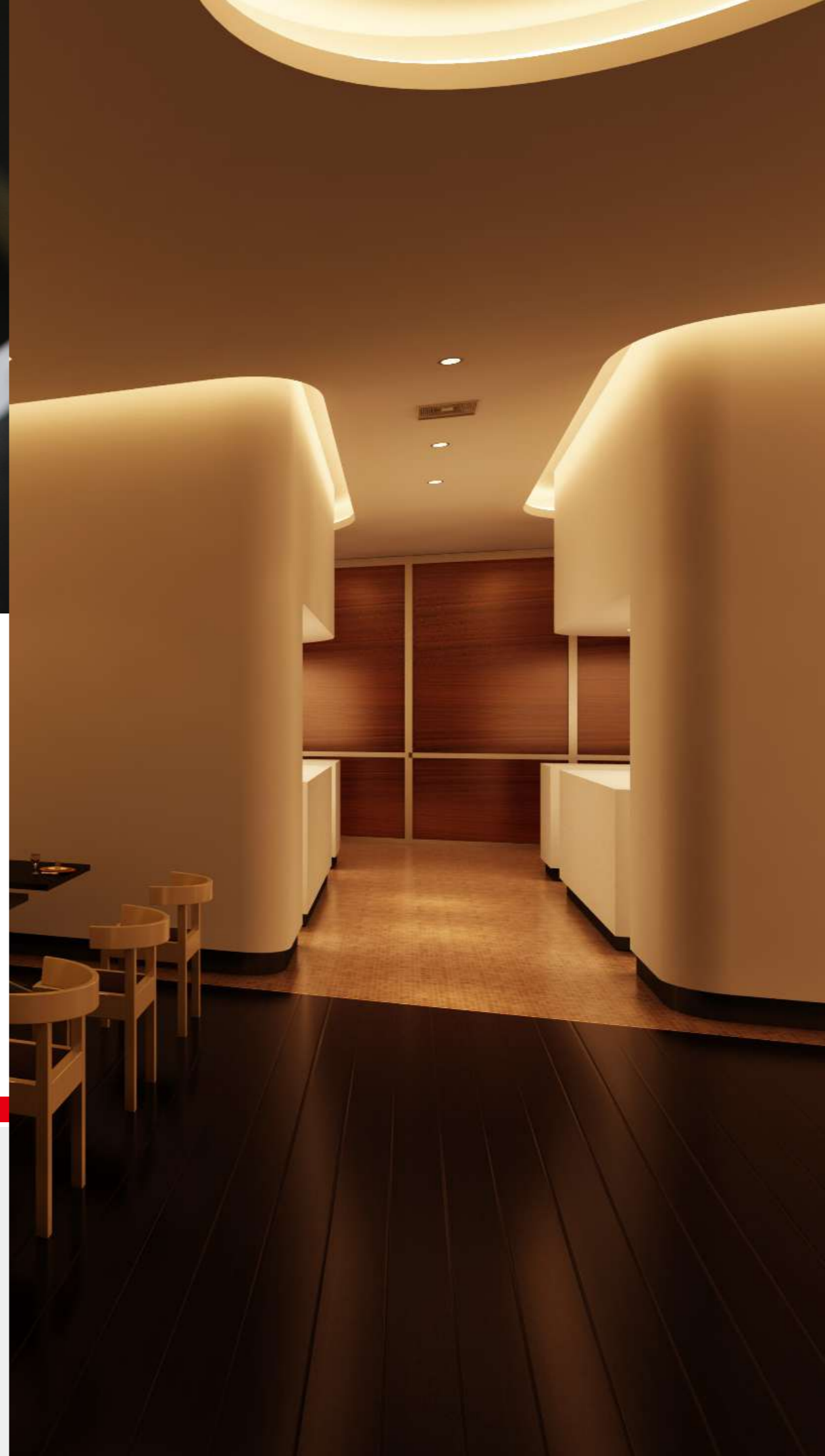


Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24080T30-0A68	2700	>80	14.4	148	2131	24	20 (54A/B / 66A/B/C / 67)
CLT-INNF24080T30-0A68	3000	>80	14.4	150	2160	24	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24080T30-0A68	4000	>80	14.4	160	2304	24	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24080T30-0A68	6000	>80	14.4	160	2304	24	20 (54A/B / 66A/B/C / 67)

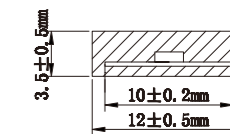
Cautions :

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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

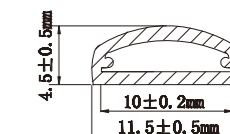


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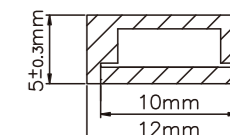
IP67 Silicon Glue Extrusion With Glue Inside



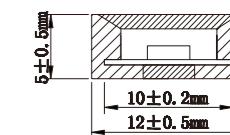
IP66 A Silicon Glue Extrusion Curve Shape



IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





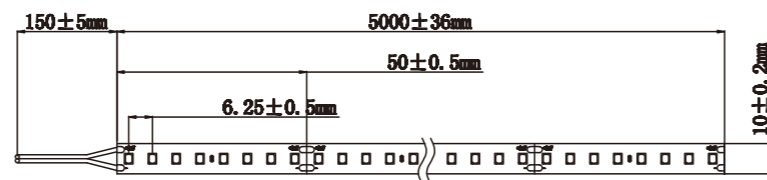
160LED 24V 19.2W

Electrical Data

- Number Led/M : 160pcs
- Power W/m±10% : 19.2W
- PCB Width : 10mm
- CRI : >80
- 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



Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24160T30-0A48	2700	>80	19.2	148	2842	24	20 (54A/B / 66A/B/C / 67)
CLT-INNF24160T30-0A48	3000	>80	19.2	150	2880	24	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24160T30-0A48	4000	>80	19.2	160	3072	24	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24160T30-0A48	6000	>80	19.2	160	3072	24	20 (54A/B / 66A/B/C / 67)

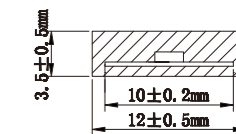
Cautions :

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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

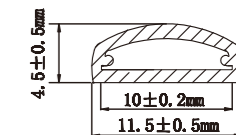


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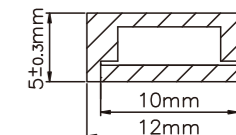
IP67 Silicon Glue Extrusion With Glue Inside



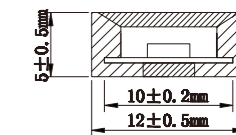
IP66 A Silicon Glue Extrusion Curve Shape



IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





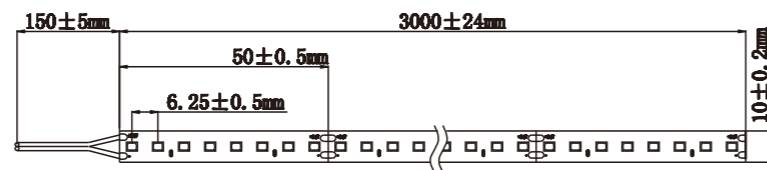
160LED 24V 26W

Electrical Data

- Number Led/M : 160pcs
- Power W/m±10% : 26W
- PCB Width : 10mm
- CRI : >80
- Max length(10% voltage drop) : 3m
- 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



Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24160T30-0A68	2700	>80	26	148	3848	24	20
CLT-INNF24160T30-0A68	3000	>80	26	150	3900	24	20
CLT-DNNF24160T30-0A68	4000	>80	26	160	4160	24	20
CLT-WNNF24160T30-0A68	6000	>80	26	160	4160	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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.





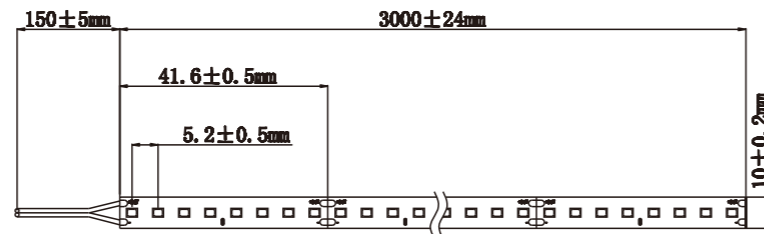
192LED 24V 34W

Electrical Data

- Number Led/M : 192pcs
- Power W/m±10% : 34W
- PCB Width : 10mm
- CRI : >80
- Max length(10% voltage drop) : 3m
- Cut Size : 41.67mm

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)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24192T30-0A68	2700	>80	34	148	5032	24	20
CLT-INNF24192T30-0A68	3000	>80	34	150	5100	24	20
CLT-DNNF24192T30-0A68	4000	>80	34	160	5440	24	20
CLT-WNNF24192T30-0A68	6000	>80	34	160	5440	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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.



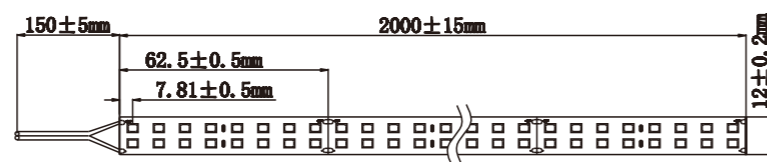
256LED 24V 40W

Electrical Data

- Number Led/M : 256pcs
- Power W/m±10% : 40W
- PCB Width : 12mm
- CRI : >80
- Max length(10% voltage drop) : 2m
- 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)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24256T30-2B68	2700	>80	40	148	5920	24	20
CLT-INNF24256T30-2B68	3000	>80	40	150	6000	24	20
CLT-DNNF24256T30-2B68	4000	>80	40	160	6400	24	20
CLT-WNNF24256T30-2B68	6000	>80	40	160	6400	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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.





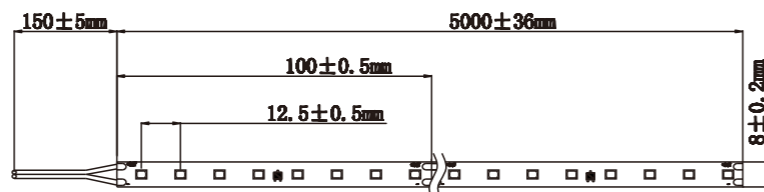
80LED 24V 4.8W

Electrical Data

- Number Led/M : 80pcs
- Power W/m±10% : 4.8W
- PCB Width : 8mm
- 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



Product Parameters

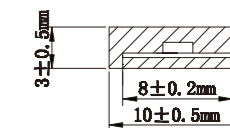
Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24080T30-8A28	2700	>80	4.8	165	792	24	20 (54A/B / 66A/B/C / 67)
CLT-INNF24080T30-8A28	3000	>80	4.8	170	816	24	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24080T30-8A28	4000	>80	4.8	180	864	24	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24080T30-8A28	6000	>80	4.8	180	864	24	20 (54A/B / 66A/B/C / 67)

Cautions :

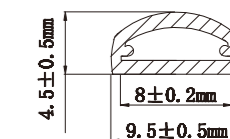
1. The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
2. Up to 14.4W/M no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

Waterproof Version:

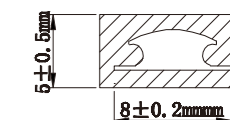
IP67 Silicon Glue Extrusion With Glue Inside



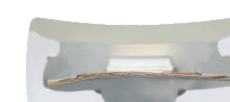
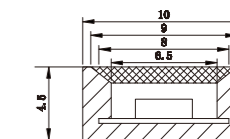
IP66 A Silicon Glue Extrusion Curve Shape



IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





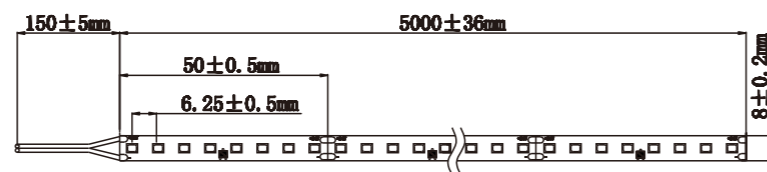
160LED 24V 9.6W

Electrical Data

- Number Led/M : 160pcs
- Power W/m±10% : 9.6W
- PCB Width : 8mm
- CRI : >80
- 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



Product Parameters

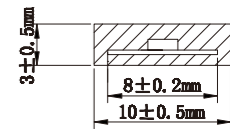
Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24160T30-8A28	2700	>80	9.6	165	1584	24	20 (54A/B / 66A/B/C / 67)
CLT-INNF24160T30-8A28	3000	>80	9.6	170	1632	24	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24160T30-8A28	4000	>80	9.6	180	1728	24	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24160T30-8A28	6000	>80	9.6	180	1728	24	20 (54A/B / 66A/B/C / 67)

Cautions :

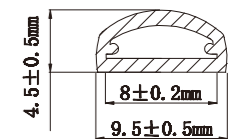
- The given data are typical value, Due to tolerances of the production process and electrical components, electrical power can be ±10%
- Up to 14.4W/M no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

Waterproof Version:

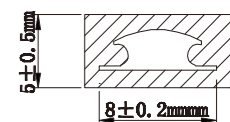
IP67 Silicon Glue Extrusion With Glue Inside



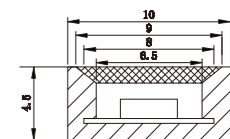
IP66 A Silicon Glue Extrusion Curve Shape

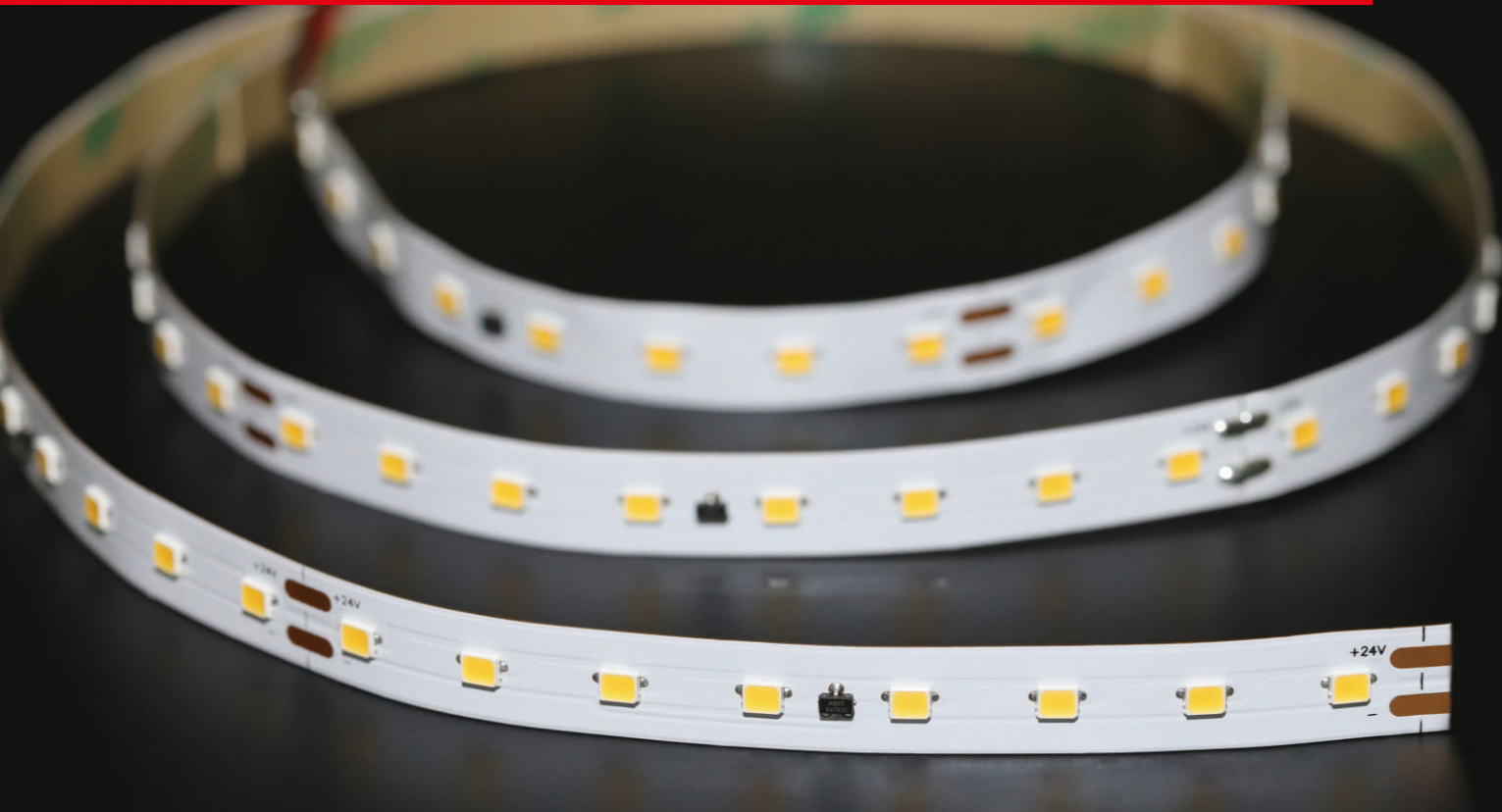


IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





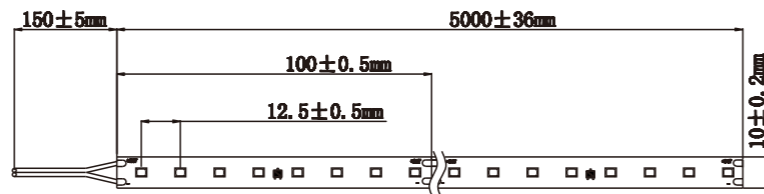
80LED 24V 14.4W

Electrical Data

- Number Led/M : 80pcs
- Power W/m±10% : 14.4W
- 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



Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24080T30-0A68	2700	>80	14.4	148	2130	24	20 (54A/B / 66A/B/C / 67)
CLT-INNF24080T30-0A68	3000	>80	14.4	150	2160	24	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24080T30-0A68	4000	>80	14.4	160	2304	24	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24080T30-0A68	6000	>80	14.4	160	2304	24	20 (54A/B / 66A/B/C / 67)

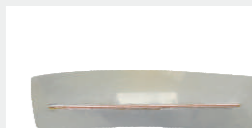
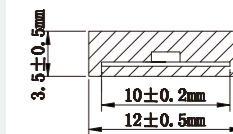
Cautions :

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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

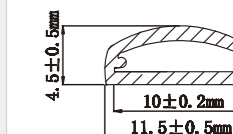


Waterproof Version:

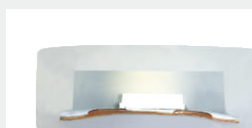
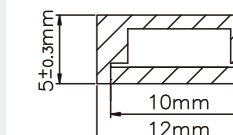
IP67 Silicon Glue Extrusion With Glue Inside



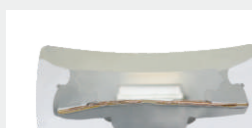
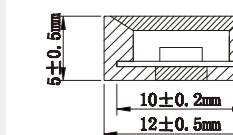
IP66 A Silicon Glue Extrusion Curve Shape

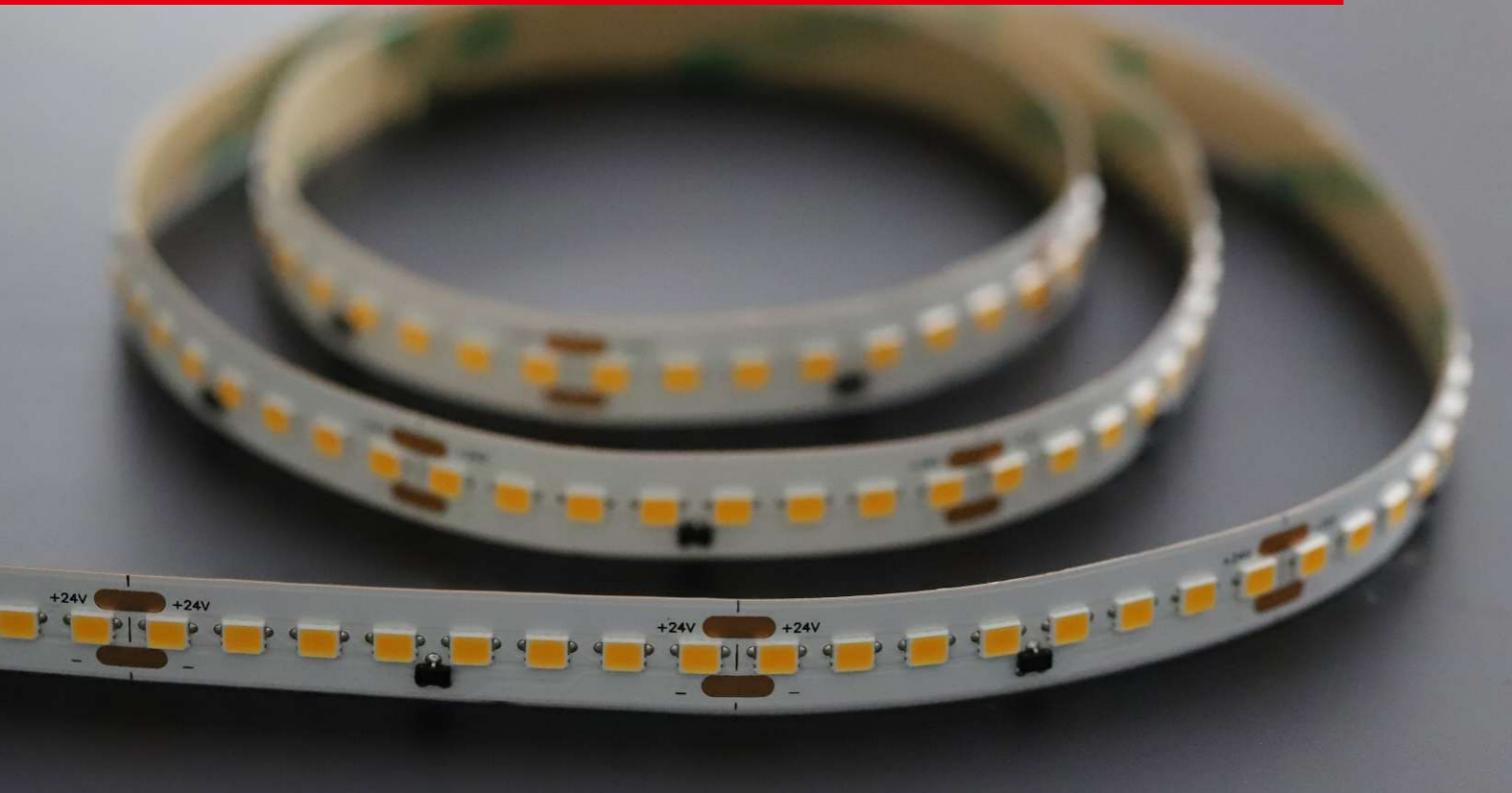


IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





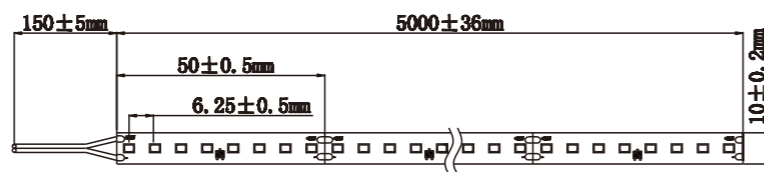
160LED 24V 19.2W

Electrical Data

- Number Led/M : 160pcs
- Power W/m±10% : 19.2W
- PCB Width : 10mm
- CRI : >80
- 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



Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24160T30-0A48	2700	>80	19.2	148	2841	24	20 (54A/B / 66A/B/C / 67)
CLT-INNF24160T30-0A48	3000	>80	19.2	150	2886	24	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24160T30-0A48	4000	>80	19.2	160	3072	24	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24160T30-0A48	6000	>80	19.2	160	3072	24	20 (54A/B / 66A/B/C / 67)

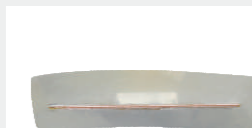
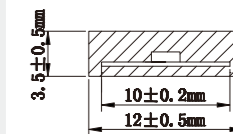
Cautions :

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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

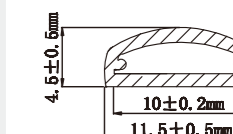


Waterproof Version:

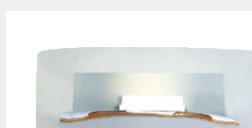
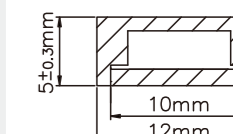
IP67 Silicon Glue Extrusion With Glue Inside



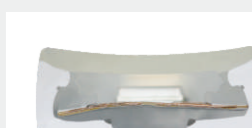
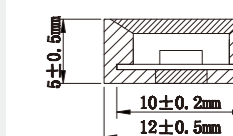
IP66 A Silicon Glue Extrusion Curve Shape



IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





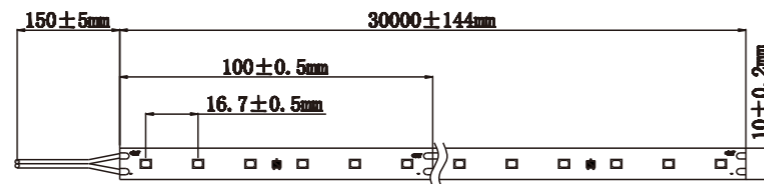
60LED 24V 4.8W

Electrical Data

- Number Led/M : 60pcs
- Power W/m±10% : 4.8W
- PCB Width : 10mm
- CRI : >80
- Max length(10% voltage drop) : 30m
- 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



Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24060T30-0A28	2700	>80	4.8	115	552	24	20 (54A/B / 66A/B/C / 67)
CLT-INNF24060T30-0A28	3000	>80	4.8	117	562	24	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24060T30-0A28	4000	>80	4.8	125	600	24	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24060T30-0A28	6000	>80	4.8	125	601	24	20 (54A/B / 66A/B/C / 67)

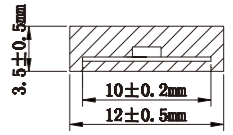
Cautions :

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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

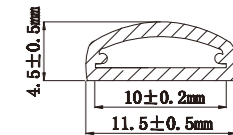


Waterproof Version:

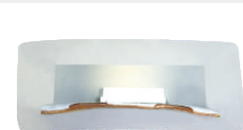
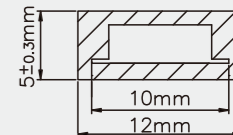
IP67 Silicon Glue Extrusion With Glue Inside



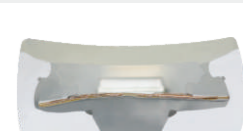
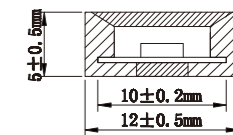
IP66 A Silicon Glue Extrusion Curve Shape



IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





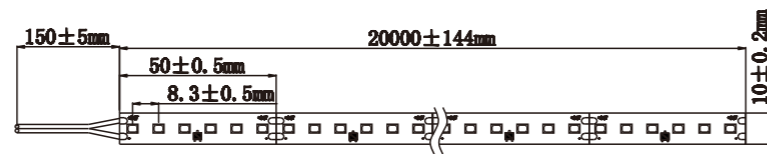
120LED 24V 7.2W

Electrical Data

- Number Led/M : 120pcs
- Power W/m±10% : 7.2W
- PCB Width : 10mm
- CRI : >80
- Max length(10% voltage drop) : 20m
- 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



Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24120T30-0A28	2700	>80	7.2	110	792	24	20 (54A/B / 66A/B/C / 67)
CLT-INNF24120T30-0A28	3000	>80	7.2	115	828	24	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24120T30-0A28	4000	>80	7.2	125	900	24	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24120T30-0A28	6000	>80	7.2	125	900	24	20 (54A/B / 66A/B/C / 67)

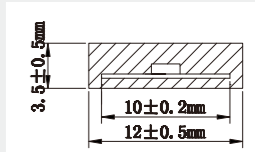
Cautions :

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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

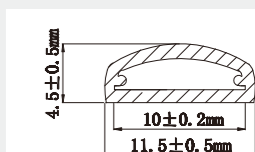


Waterproof Version:

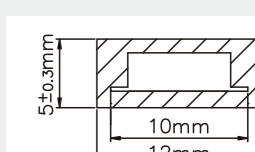
IP67 Silicon Glue Extrusion With Glue Inside



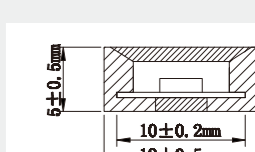
IP66 A Silicon Glue Extrusion Curve Shape



IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





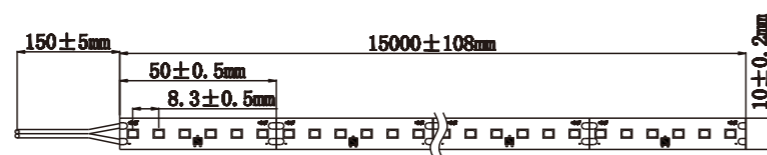
120LED 24V 9.6W

Electrical Data

- Number Led/M : 120pcs
- Power W/m±10% : 9.6W
- PCB Width : 10mm
- CRI : >80
- Max length(10% voltage drop) : 15m
- 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



Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24120T30-0A28	2700	>80	9.6	110	1056	24	20 (54A/B / 66A/B/C / 67)
CLT-INNF24120T30-0A28	3000	>80	9.6	115	1104	24	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24120T30-0A28	4000	>80	9.6	125	1203	24	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24120T30-0A28	6000	>80	9.6	125	1203	24	20 (54A/B / 66A/B/C / 67)

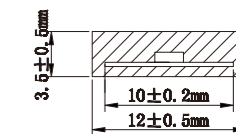
Cautions :

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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

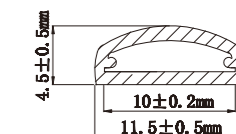


Waterproof Version:

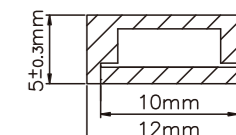
IP67 Silicon Glue Extrusion With Glue Inside



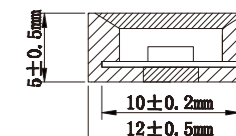
IP66 A Silicon Glue Extrusion Curve Shape



IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





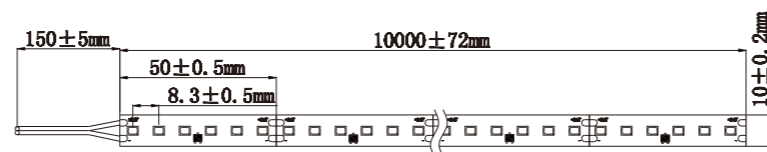
120LED 24V 14.4W

Electrical Data

- Number Led/M : 120pcs
- Power W/m±10% : 14.4W
- PCB Width : 10mm
- CRI : >80
- Max length(10% voltage drop) : 10m
- 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



Product Parameters

Part No.CLT	CCT(K)	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNNF24120T30-0A38	2700	>80	14.4	100	1440	24	20 (54A/B / 66A/B/C / 67)
CLT-INNF24120T30-0A38	3000	>80	14.4	105	1512	24	20 (54A/B / 66A/B/C / 67)
CLT-DNNF24120T30-0A38	4000	>80	14.4	115	1656	24	20 (54A/B / 66A/B/C / 67)
CLT-WNNF24120T30-0A38	6000	>80	14.4	115	1656	24	20 (54A/B / 66A/B/C / 67)

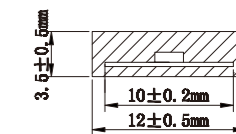
Cautions :

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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.

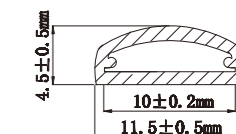


Waterproof Version:

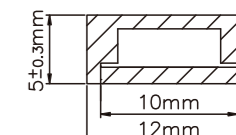
IP67 Silicon Glue Extrusion With Glue Inside



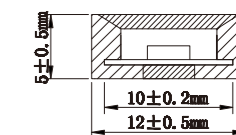
IP66 A Silicon Glue Extrusion Curve Shape



IP66 B Silicon Glue Extrusion Square Shape



IP66 C Dual Color Silicon Glue Extrusion





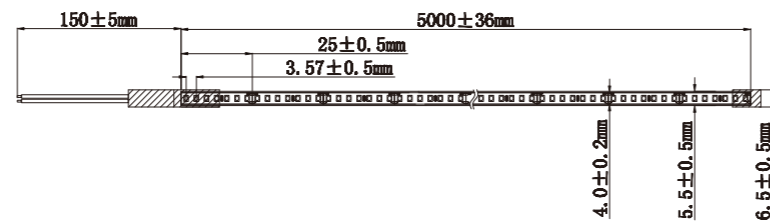
280LED 4mm PCB 24V

Electrical Data

- Number Led/M : 280pcs
- Power W/m±10% : 6W
- PCB Width : 4mm
- 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



Product Parameters

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNHF24280T16-BA19	2700	>90	6	88	528	24	66A
CLT-INHF24280T16-BA19	3000	>90	6	90	540	24	66A
CLT-DNHF24280T16-BA19	4000	>90	6	95	570	24	66A
CLT-WNHF24280T16-BA19	6500	>90	6	95	570	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 6W/M no need for additional heat sinking on Alu profile, if more than 6W/M must be used the heat sinking.



With various accessories available based on 5meter

TYPE: 801099000196



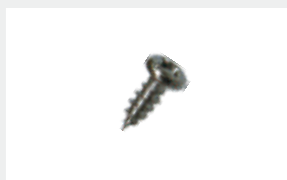
End cup without Hole



End Cup With Hole



Clips



Screw



Glue



With various accessories available based on 5meter

TYPE: 801099000196



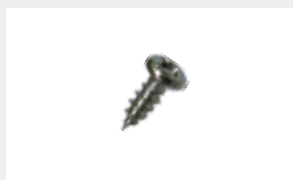
End cup without Hole



End Cup With Hole



Clips



Screw



Glue

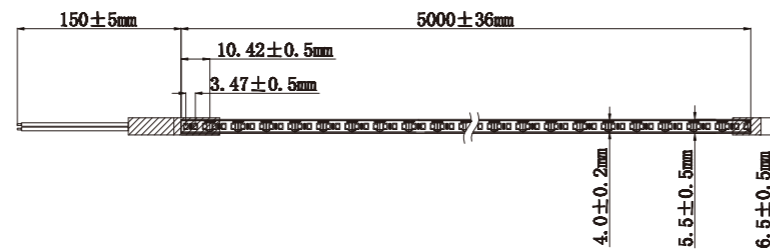
288LED 4mm PCB 12V

Electrical Data

- Number Led/M : 288pcs
- Power W/m±10% : 6W
- PCB Width : 4mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 10.42mm

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-KNHF12288T16-BA19	2700	>90	6	73	438	12	66A
CLT-INHF12288T16-BA19	3000	>90	6	75	450	12	66A
CLT-DNHF12288T16-BA19	4000	>90	6	80	480	12	66A
CLT-WNHF12288T16-BA19	6500	>90	6	80	480	12	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 6W/M no need for additional heat sinking on Alu profile, if more than 6W/M must be used the heat sinking.



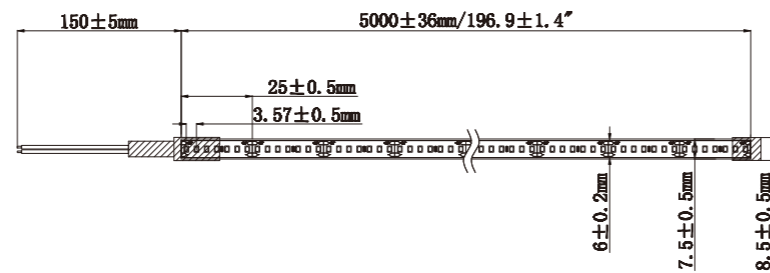
280LED 6mm PCB 24V

Electrical Data

- Number Led/M : 280pcs
- Power W/m±10% : 12W
- PCB Width : 6mm
- 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	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNHF24280T16-6A29	2700	>90	12	83	996	24	66A
CLT-INHF24280T16-6A29	3000	>90	12	85	1020	24	66A
CLT-DNHF24280T16-6A29	4000	>90	12	90	1104	24	66A
CLT-WNHF24280T16-6A29	6500	>90	12	90	1104	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 to12W/M no need for additional heat sinking on Alu profile, if more than 12W/M must be used the heat sinking.



With various accessories available based on 5meter

TYPE: 801099000197



End cup without Hole



End Cup With Hole



Clips



Screw



Glue



With various accessories available based on 5meter

TYPE: 801099000197



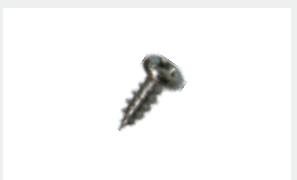
End cup without Hole



End Cup With Hole



Clips



Screw



Glue

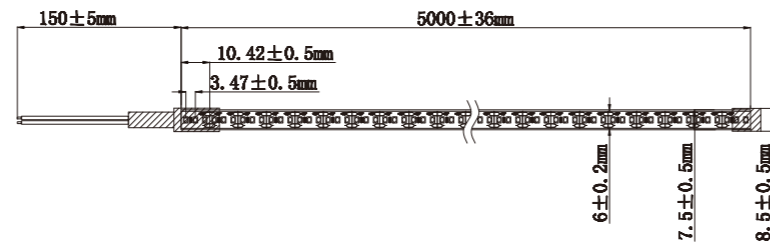
288LED 6mm PCB 12V

Electrical Data

- Number Led/M : 288pcs
- Power W/m±10% : 12W
- PCB Width : 6mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 10.42mm

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-KNHF12288T16-6A19	2700	>90	12	68	816	12	66A
CLT-INHF12288T16-6A19	3000	>90	12	70	840	12	66A
CLT-DNHF12288T16-6A19	4000	>90	12	75	900	12	66A
CLT-WNHF12288T16-6A19	6500	>90	12	75	900	12	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 to12W/M no need for additional heat sinking on Alu profile, if more than 12W/M must be used the heat sinking.





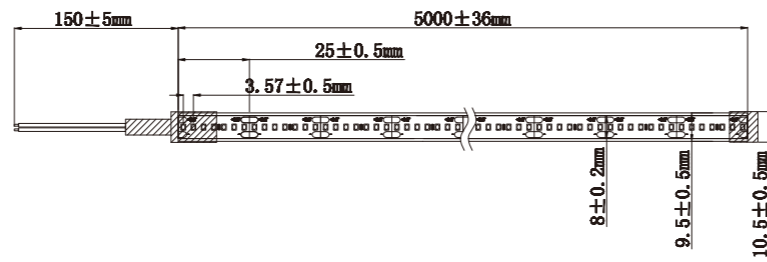
280LED 8mm PCB 24V

Electrical Data

- Number Led/M : 280pcs
- Power W/m±10% : 15W
- 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	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNHF24280T09-8A29	2700	>90	15	83	1245	24	66A
CLT-INHF24280T09-8A29	3000	>90	15	85	1275	24	66A
CLT-DNHF24280T09-8A29	4000	>90	15	90	1350	24	66A
CLT-WNHF24280T09-8A29	6500	>90	15	90	1350	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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.



With various accessories available based on 5meter

TYPE: 801099000088



End cup without Hole



End Cup With Hole



Clips



Screw



Glue



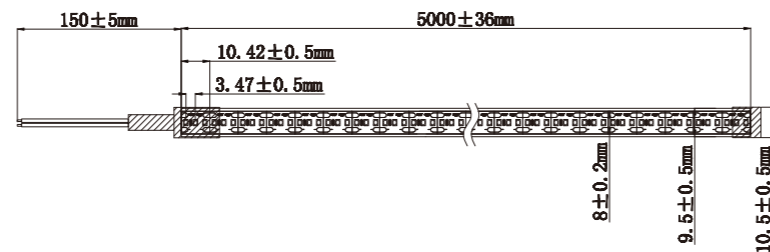
288LED 8mm PCB 12V

Electrical Data

- Number Led/M : 288pcs
- Power W/m±10% : 15W
- PCB Width : 8mm
- CRI : >90
- Max length(10% voltage drop) : 5m
- Cut Size : 10.42mm

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

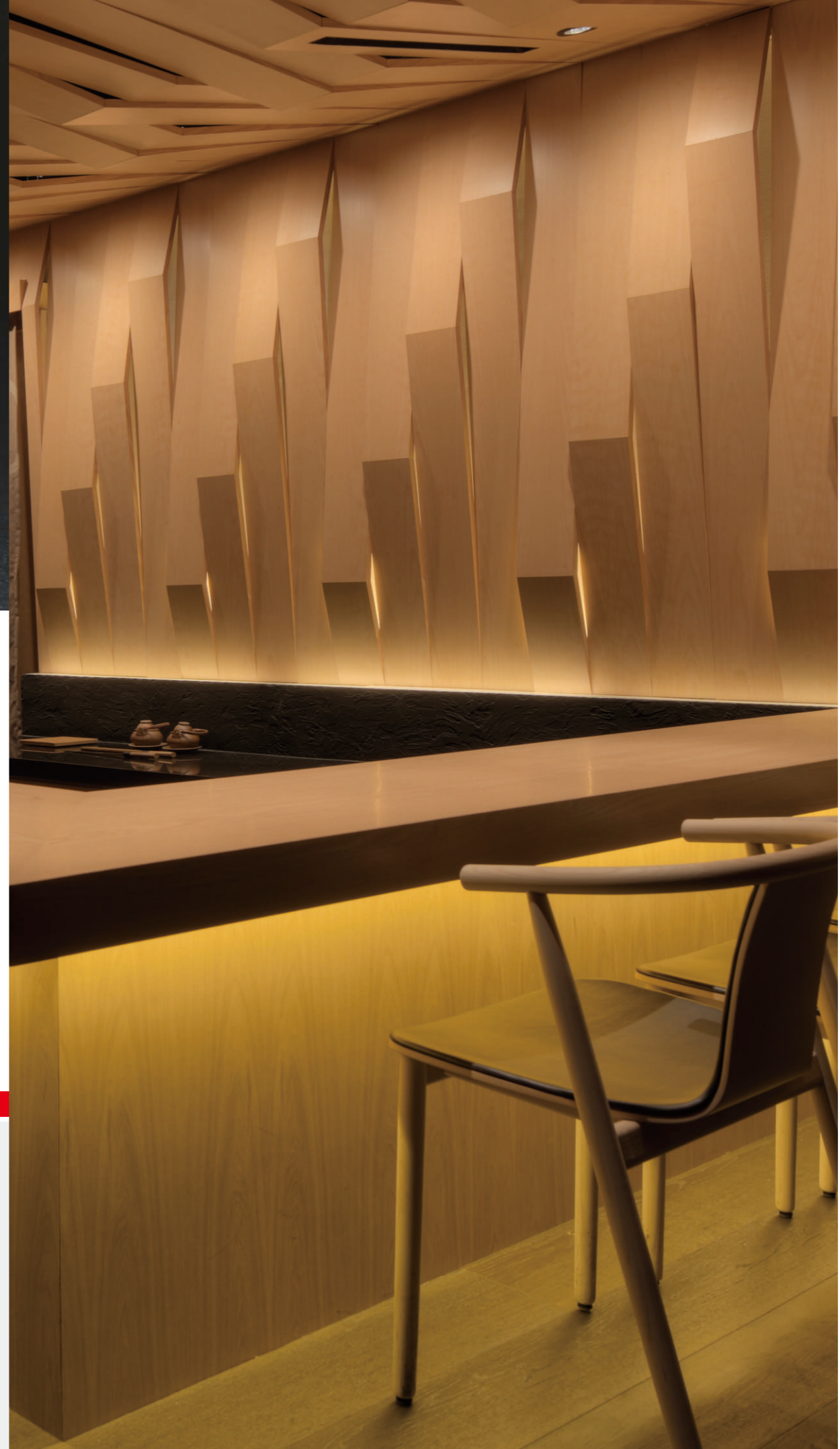


Product Parameters

Part No.CLT	After waterproof CCT	CRI	Pow(W/m)±10%	LM/W	LM/M	V/ DC (Optional)	IP (Optional)
CLT-KNHF12288T16-8A29	2700	>90	15	68	1020	12	66A
CLT-INHF12288T16-8A29	3000	>90	15	70	1050	12	66A
CLT-DNHF12288T16-8A29	4000	>90	15	75	1125	12	66A
CLT-WNHF12288T16-8A29	6500	>90	15	75	1125	12	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 no need for additional heat sinking on Alu profile, if more than 14.4W/M must be used the heat sinking.



With various accessories available based on 5meter

TYPE: 801099000088



End cap without Hole



End Cup With Hole



Clips



Screw



Glue

COOLIGHT LED Strip Decode

CLU(T)(X) - ①① - ②② ③③ ④④④ T⑤⑤ - ⑥ ⑦ ⑧ ⑨

I II III IV V VI VII VIII IX X

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

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

III: ②② represent waterproof rate and pcb type, ②②= AX

A=N: Non-waterproof, IP20

A=W: Silicon glue , IP54

A=T: Silicon tubing waterproof, IP65

A=K: Silicone tube with glue filling

A=P: Nano-Waterproof

A=J: Extrusion tube Square shape, IP66

A=H : Extrusion tube Curved shape / Neon led strip front view IP66

A=S: Extrusion with Glue inside, IP67

A=D : Silicon Glue Extrusion Waterproof, IP54

A=M: Dual color Extrusion with glue inside, IP67

A=Q: Dual color extrusion tube with silicon / Neon led strip side view, IP 66

X=F: Flexible LED strip

X=A: Aluninum profile rigid strip

X=P: Rigid strip without dissipater

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

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

VI: T⑤⑤ represent type of LEDs , If ⑤⑤ is 02 , it means 3528 LEDs, 02=3528 LEDs, 03= 5050 LEDs, 07= 3014LEDs Top view, 08=3014 LEDs Side view, 09= 2835LEDs, 10=2110 LEDs, 16= 2216 LEDs, 00= COB, 30=3040

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

