Item Name:	7015-3LED
YYB Code:	PDT.CP_5
Power	1.44W 1.8W
Voltage	DC12V
Size	70*15*8mm
Colour:	☐Cool White ☐White ☐Warm White ☐Red ☐Green ☐Blue ☐Yellow ☐Pink

Design Features

- High Quality 2835SMD LED mounted, golden wire with copper base;

- Constant voltage circuit for flexible cut of the module string;

- Aluminum PCB with 1.5mm thickness, fast heat dissipation;

- Optical lens of 145 degree angle with even light project to cover board surface;

- Maximum module quantity per string up to 20pcs;

- Center distance between nearby LED module is 155mm;

CONSTRUCTION — 7015-3LED

LED Lamp :	Triple-Die chip, 2835 sized
Lens and Body :	PC Lens 93% transparency, ABS Housing
PCB :	Premium Aluminum, 1.5mm
Wire Thickness:	18AWG
Wires Length:	85mm
Max connection :	50pcs for one connection in serial
Safety Rank:	IP65Prevents water & dust penetration
Fix Assistance:	3M adhesive tapes and M2.5 screwing hole

SPECIFICATION — 7015-3LED

	OPTICAL	Viewing Angle: 145°

OPTICAL Viewing Angle: 145°

Color Rendering Index(CRI): 85Ra

Optical Attenuation: 0.5%

THERMAL Cooling : Ambient air

Maximum operating temperature : 40°C

Minimum operating temperature : -20°C

Maximum storage temperature : 60°C

Minimum storage temperature : -25 C

APPLICATION Channel letters;

Storefront lighting;

Sign board;

Border lighting;

Art & sculpture lighting;

Show case signage;

Other commercial lighting and signage.

PACKING Anti-static bag: 100modules(15.9meter,52.1feet)

Carton box : 3000modules(30bags, 477meter, 1563feet，44*44*31.5CM，24KG)

OPTOELECTRONIC PARAMETERS

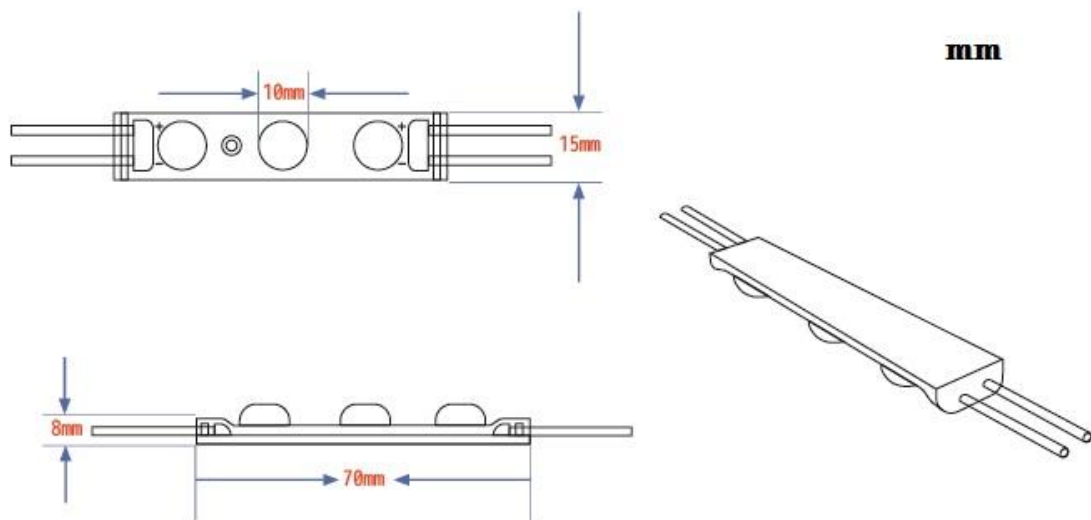| LED Color	Color Temperature(K) Wavelength (NM)	Luminous Flux (lm/piece)	Power (W)	Luminous Intensity
Cool White	9000K-12000K	115lm-120lm	1.44	100lm/w
White	6000-6500K	115lm-120lm	1.44	100lm/w
Warm White	3000K	115lm-120lm	1.44	100lm/w
Red	620-625nm	2900-3200MCD	1.30	2800MCD/w
Green	520-530nm	4800-5400MCD	1.44	4200MCD/w
Blue	455-465nm	4000-4500MCD	1.44	3500MCD/w

*Data are based on Ta at 25˚C.

*Product spec are accurate at time of published. Information is subjected to change without prior notice. (Dec 2019)

LED Color	Color Temperature(K) Wavelength (NM)	Luminous Flux (lm/piece)	Power (W)	Luminous Intensity
Cool White	9000K-12000K	125lm-135lm	1.8	100lm/w
White	6000-6500K	125lm-135lm	1.8	100lm/w
Warm White	3000K	125lm-135lm	1.8	100lm/w
Red	620-625nm	3500-3900MCD	1.55	2800MCD/w
Green	520-530nm	6000-6800MCD	1.8	4200MCD/w
Blue	455-465nm	5000-5700MCD	1.8	3500MCD/w

*Data are based on Ta at 25˚C.

*Product spec are accurate at time of published. Information is subjected to change without prior notice. (Dec 2019)

PHYSICAL DIMENSION

INSTALLATION   INSTRUCTION

- Clean the touch surface of the object before pasting the modules onto the surface.
- Peel off the PE tape from the adhesive foam of the back side of modules, prefix the modules on the object by adhesive foam, adjust the modules place and distance as per actual need.
- Inject glass sealant or mount the modules on object with screws for Permanent fix.

Tips:

- Single module as a unit can be cut off from the module string according to the project actual needed.
- Wires conductor have to seal/cover by insulator completely in case of short circuit or electric spark.
- Max quantity of one circuit can support 50pcs modules by electricity reinforce, over this quantity the voltage drop down phenomenon will be obvious revealed and significantly increased which will severely impact the light effect of the modules.