



YYBLED®



Item Name: 7520-3LED

YYB Code: PDT.CP_75

Power: 3W

Voltage: DC12V

Size: 75*20*10mm

Colour: Cool White White Warm White

Design Features

- High Quality 3030SMD LED mounted, golden wire with copper base;;
- ABS fire retardant engineering material housing, safe and reliable.
- Constant voltage circuit for flexible cut the module string;
- Aluminum PCB with 1.5mm thickness, fast heat dissipation;
- Maximum module quantity per string up to 20pcs;
- Optical lens of 10°*60 °degree Angle for double layer light box backlighting;
- Maximum module quantity per string up to 20pcs;
- Center distance between nearby LED module is 165mm.

CONSTRUCTION

7520-3LED

LED Lamp : Triple-Die chip, 3030 sized

Lens and Body : PC Lens 95% transparency, ABS Housing

PCB : Premium Aluminum, 1.5mm

Wire Thickness: 18 AWG

Wires Length: 90mm

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

7520-3LED

OPTICAL Viewing Angle: 10°*60°
Color Rendering Index(CRI): 80Ra
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 Side Lighting Light Box;
Double Side Light Box.

PACKING Anti-static bag: 100modules(16.9meter,55.4feet)
Carton box : 2000modules(20bags, 338meter,
1108feet)

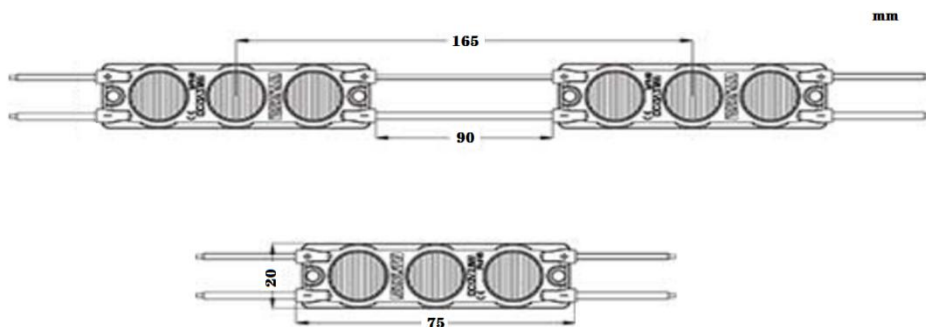
OPTOELECTRONIC PARAMETERS

LED Color	Color Temperature(K) Wavelength (NM)	Luminous Flux (lm/piece)	Power (W)	Luminous Intensity
Cold White	9000-12000K	220-250lm	3	88lm/w
White	6000-7000K	220-250lm	3	88lm/w
Warm White	3000K	220-250lm	3	88lm/w

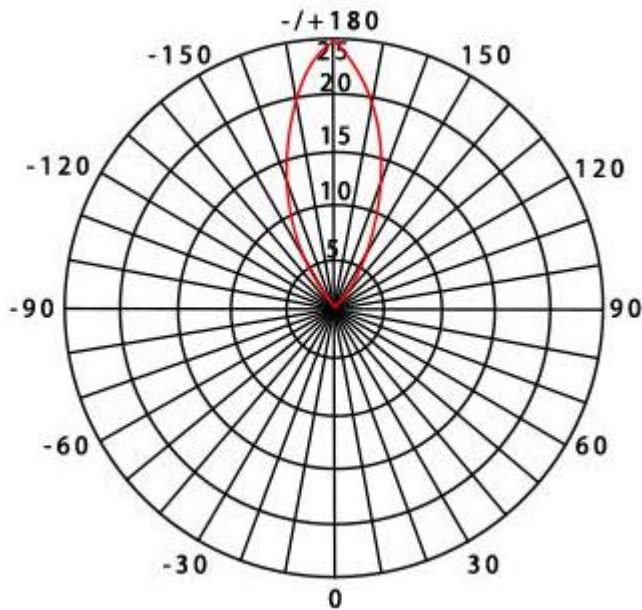
*Data are based on Ta at 25°C.

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

PHYSICAL DIMENSION



LAB PERFORMANCE OF THE LENS



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:

- Suitable for 10-20cm depth light box;
- 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.