

Features:

- Adopt Fresnel lens, more uniform and soft light
- Can be installed in the board thickness 1-3mm light box with flexible detent.
- Flat tail design, easy installing
- Patented products, counterfeiting will be held accountable

Application:

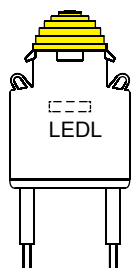
Applied for large advertising signage lighting, logo, building decoration, signage etc.

Installation:

Fix by 3M self adhesive tape.

Lens contrast:

Fresnel lens

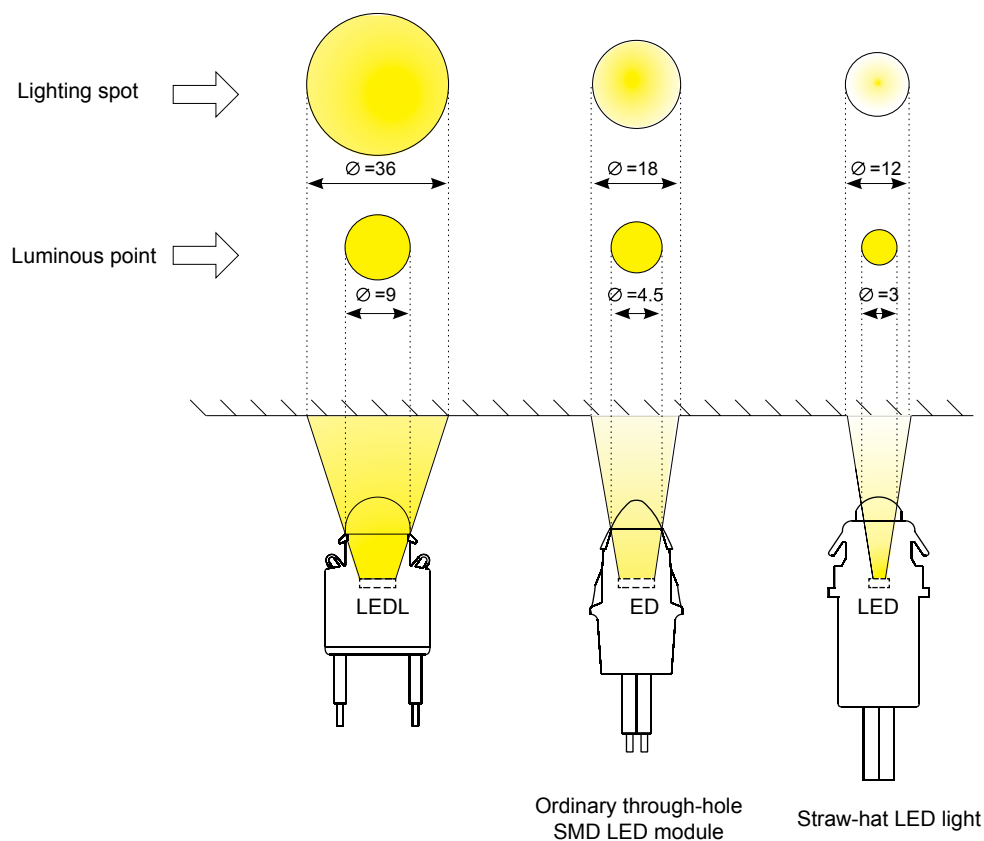


Ordinary lens



Ordinary through-hole
SMD LED module

Luminous point VS Lighting spot:



NOTE:

Luminous point: observe the size of the luminous part of the light source with naked eyes.

Lighting spot: the size of the light projection after the light source shines on a wall at a certain distance.

Optical & Electrical Parameters:

Model No.	Light Color	CCT/Wavelength (K/nm)	Beam Angle	Luminous Flux(lm/pcs)	CRI	Efficacy (lm/W)	Voltage (DC V)	Power (W/pcs)
AD1250	□ W	6000-7000	130°	12	80+	100	12V	0.12
		9000-12000		12		98		
		12000-15000		12		97		
		15000-20000		11		95		
		≥ 100000		11		93		
	■ R	620-625	130°	1.2	/	8	12V	0.12
	■ G	520-525		1.6		11		
	■ B	460-465		1.2		8		
	■ Y	570-575		11		75		
	■ O	600-610		3.9		28		
	■ P	/		5.1		39		
	■ IB	475-485		7.3		53		
	■ F	/		1.2		8		

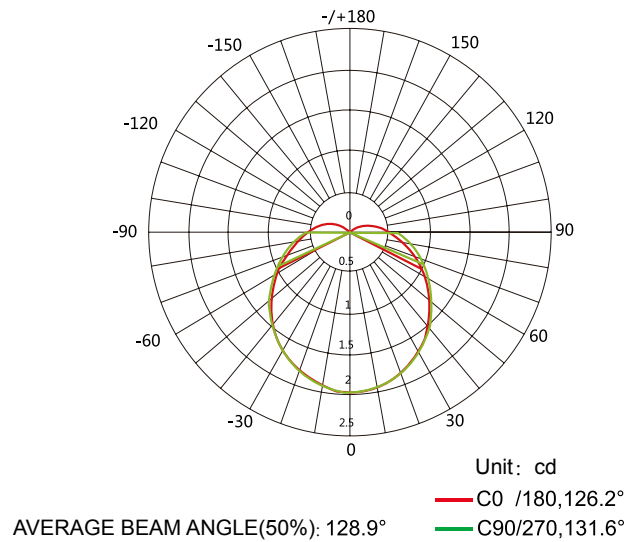
Other Parameters:

Model No.	LED Qty (pcs)	Max Run(Single Feed)(pcs)	Min Cuttable length(pcs)	Working Temperature	Storage Temperature
AD1250	15	01		-20~+60°C	-20~+70°C

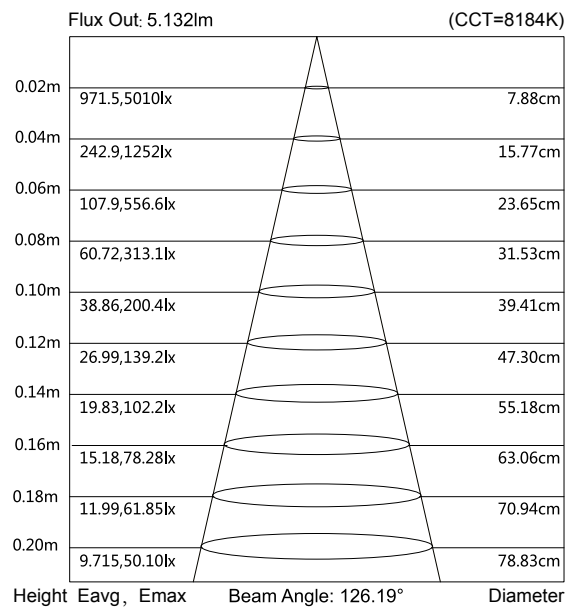
Reliability Test:

Test nameT	est type	Standard	Test condition	Result
IP Test	IP6X	IEC60529	1 meter deep water/1h	IP68
Environmental Test	High temperature Shock Test	IEC68-2-1&IEC68-2-2	high temperature 80°C 4H/low temperature -40°C 4H continuous cycle and power on	PASS
	High Temperature & Humidity Test	Blueview standard	T=60°C/RH=90%,720h	
	Room Temperature Aging Test	Blueview standard	T=25°C ,continuous power on,720h	
	PTC Test	Blueview standard	Test temperature: -40°C— 60°C,2h one cycle(constant temperature: 15 minutes,heating and cooling: 45 minutes)	
	Anti-UV Test	ISO 4892-2	0.76w/m2;UVA340nm;65°C	
Flame Retardant test	Flame Retardant Test	GB/T5169.16-2008	Place the sample vertically on the open flame	
Plug-in&off Test	Plug-in&off Test	Blueview standard	Plug-in and off 100 times by hand	

Luminous Intensity Distribution Diagram:



Average Illumination:



Note: for other data please consult sales rep.