



Solution for 80-230mm large depth
light box and channel letter

5 years warranty



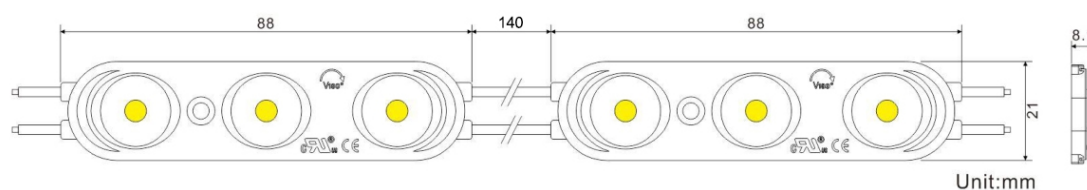
ADM-8821-2835-3W-LBT



Features

- **Osram** top-tier LED chip
- Micro prism lens producing a wide, even light spread,Max:P:D=3.5:1
- Versatile mounting options
- Constant Current Technology
- 180 degree lens

Dimensions

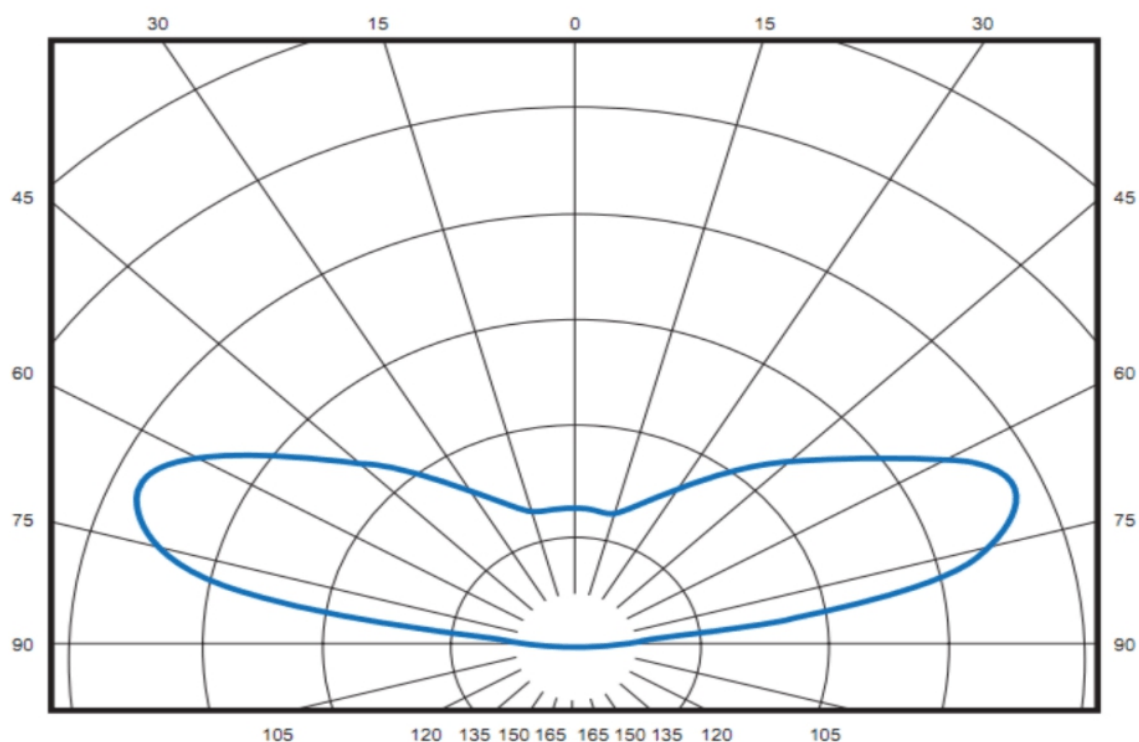


Technical parameters

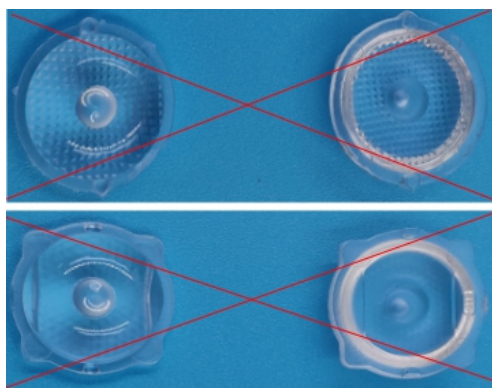
Item	Parameter	Unit
LED Type	Osram LED 2835 SMD	--
LED Quantity	3	Leds
Power	2.5	W
Working Voltage	DC12	V
Working Current	271	mA
Luminous Flux	325	Lm
Beam Angle	180	°
Driving mode	Constant current	--
Dimension	85*21*8.1	mm
Color Temperature	3000/4000/6500	k
Module's Center Dis.	225	mm
Concatenation	20	pcs
IP Rating	IP67	--
Working Temp.	-20~45	°C
Certificates	CE,RoHS,UL	--



Led module light distribution graph



Comparison of lens



Normal bat-wing lens in market

size: $\Phi 12.1 \times H 4.5 \text{ mm}$
P:D=2:1

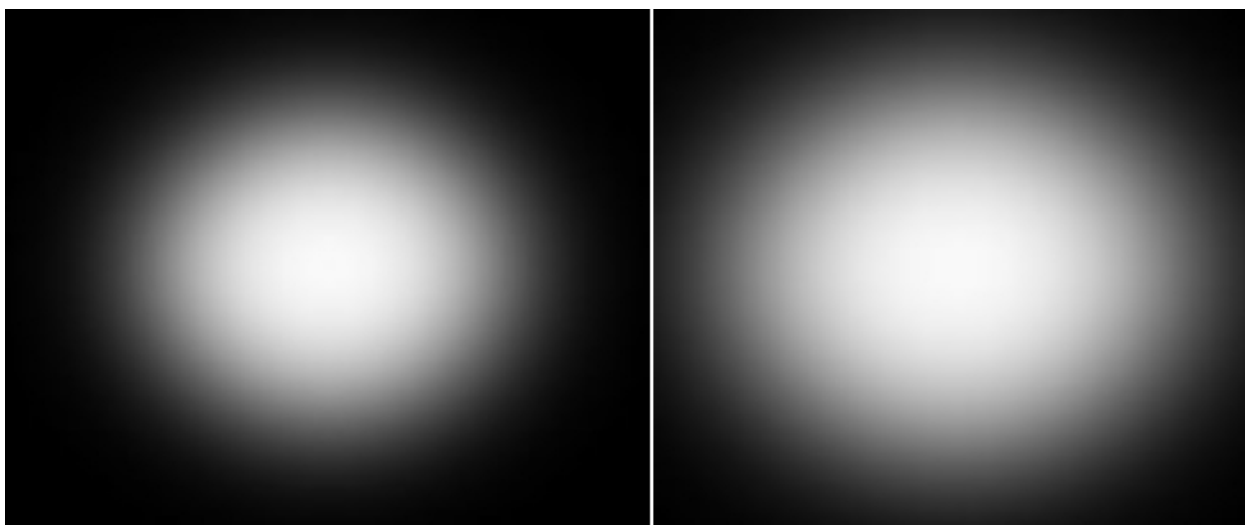


Adled reimaged LED prism lens technology

size: $\Phi 15.23 \times H 5.55 \text{ mm}$ "wide light spot"
P:D=3.5:1



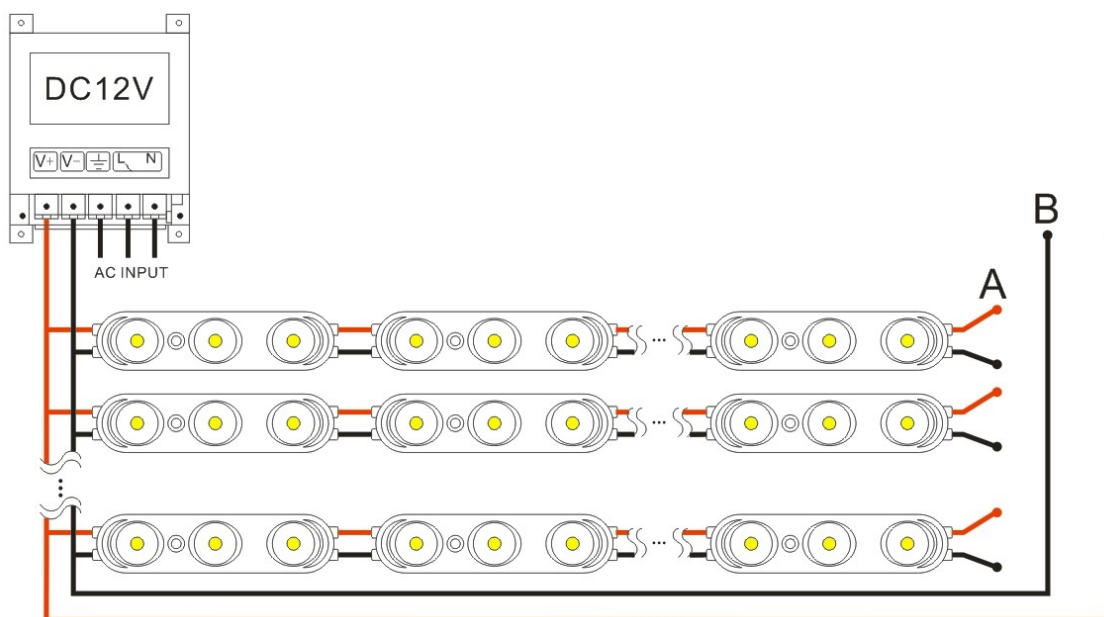
Comparison of luminous efficiency



Lens in market

Adled lens

Installation



A. Max. number of modules in one chain when the power supplied from single end -20pcs

B. Max. number of modules in one chain when the power supplied from both ends -40pcs

NOTE:

- Incorrect connection may cause short circuit and product failure
- Make sure power supply is unplugged during LED wires connection
- Power supply should be DC12V

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Applications

- Large depth channel letters
- Large depth light boxes
- Recommended depth 8-23cm



Package

Item	Quantity per Carton(pcs)	Net Weight (kg)	Gross Weight (kg)	Carton Size(cm)
ADM-8821-2835-3W-LBT	960	21	22.5	52*37*27

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