



M13/13B SERIES SPECIFICATION LED MODULE



M13 3030 LED Light Module(60 in 1)

Main Features

- Adopted high heat conduction fin heat dissipation technology, advanced convection hole design which can rapidly dissipate heat when installed in the lamp.
- Excellent operating temperature -40°C ~ 50°C
- High performance design with multi-chips package 3030 LED source. Stable performance, low light failure and NO dead lights.
- Variety beam angles, 24°, 36°, 60°, 90°, 135x100°, 150x70°, 150x80° (Horizontal/Vertical)
- High safety, low voltage input voltage is safe for people, which effectively prevents electric shock and electric leakage.
- Easy to assemble and maintain with national standard M15 electrical interface, achieved plugged and play, only need loosening the screw during maintenance.
- Green product, no UV, IR radiation or mercury pollution. Passed IEC62471.
- With excellent housing design reach IP66 rating.
- Life-span over 50,000 hours, 5 years warranty.

15 years experience of LED industrial light
L80 exceeds **50,000** hours



Parameters

Electric Data

Part No.	GAM13N60W-64BP48xxxxx / GAM13N60W-60BP36xxxxx GAM13B60W-64BP48xxxxx / GAM13B60W-60BP36xxxxx					
Power	30W	40W	50W	50W	60W	60W
Input Voltage	36V	36V	42/48V	30/36V	42/48V	30/36V
Input Current	0.83A	1.11A	1.20/1.04A	1.67/1.39A	1.43/1.25A	2/1.67A

Photometric Specifications

LEDs	3030 LED					
Ra	> 70(>80,>90 optional)					
LEDs Qty	42pcs	42pcs	64pcs	60pcs	64pcs	60pcs
Luminous Efficiency	165lm/w	160lm/w	155lm/w	155lm/w	150lm/w	150lm/w
Luminous Flux(±5%)	4950lm	6400lm	7750lm	7750lm	9000lm	9000lm
CCT	3000K/4000K/5000K/6000K					
Beam Angle	24°,36°,60°,90°,135x100°,150x70°,150x80° (Horizontal/Vertical)					

Mechanical Specifications

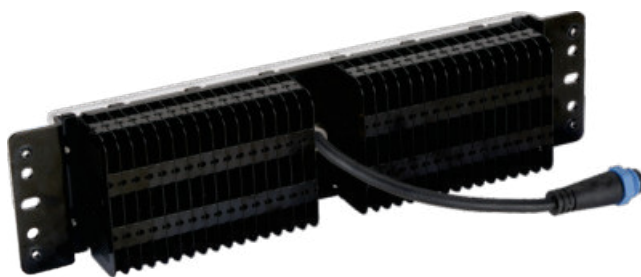
IP Rate	IP66
Working Environment	-40°C~50°C,20%~90% RH
Storage Temperature	-45°C~55°C,10%~90% RH
Body Material	Aluminum
Lens Material	PC
Connector Size	M15
Module Size(mm)	300x70x47
Lifespan	>50,000 Hours

Packing Information

40PCS/CTN	555x330x365mm
N.W.(KG)	0.42KG/pcs



External Design Features



Product Details



LED Source

Use customized chip from TOP 5 LED chip manufacturer, 3030 LEDs provide very excellent heat uniformity.



Beam Angles

24°, 36°, 60°, 90°, 135x100°, 150x70°, 150x85°, 150x80° Vertical Suitable for street light, tunnel light, high bay light, flood light etc.



Lower Weight

Ultra-thin fin heat dissipation structure reduces the weight of the module while satisfying the heat dissipation.



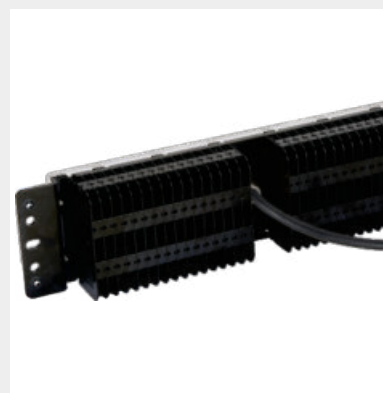
IP66 Module

Suitable for all kinds of industrial environment, IP66 dust-proof and water-proof.



Connector

Adopt the IP67 connector with power connection, and realize plug and play.



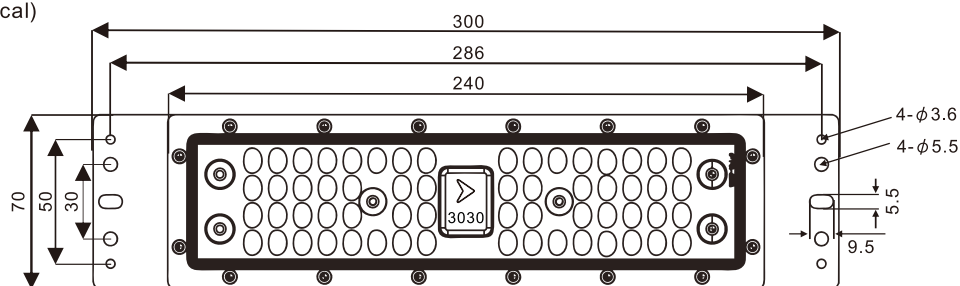
Heat sink

Adopted advanced convection hole design fin heat dissipation technology.

Dimension(mm)

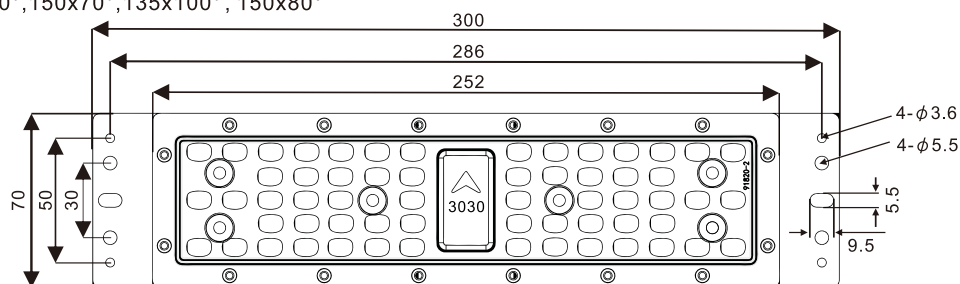
150x80° (Vertical)

M13B

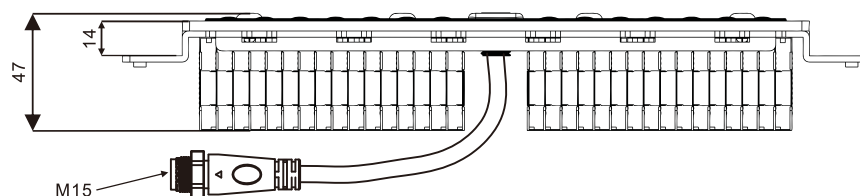


24°,36°,60°,90°,150x70°,135x100°, 150x80°

M13

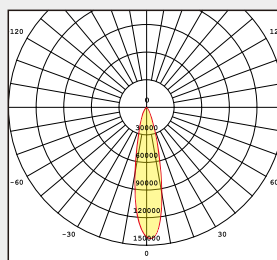


Side Dimension

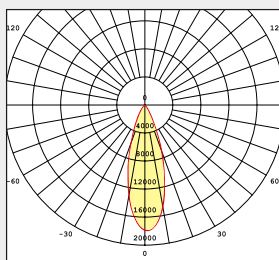


Distribution Curve

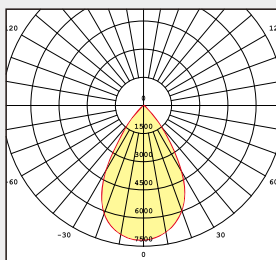
24°



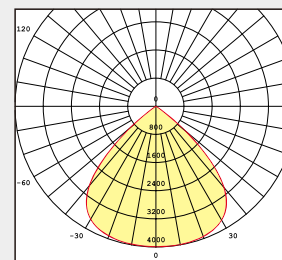
36°



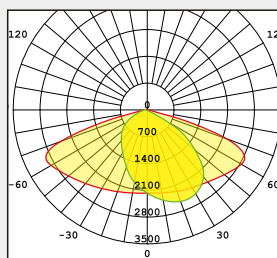
60°



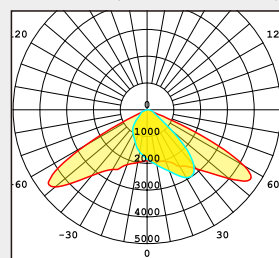
90°



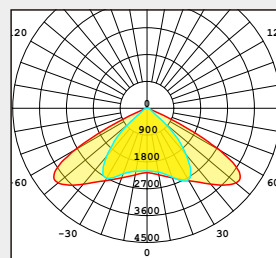
150x70°



150x80° (Horizontal/Vertical)



135x100°



Application

Modules Application For Industrial Lighting



Dialux

