

2019

SPECIFICATION

V5 LED FLOOD LIGHT

10

years experience of LED industrial light L80 exceeds

80,000

hours



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Main Features

- High pressure die cast aluminum alloy housing.
- Made of non-corrosion with electrophoresis process technology.
- High performance design with multi-chips Package 5050 LED source and exclusive Lens to stable performance, low light failure and no dead lights.
- The light transmittance up to 98%. Luminous efficacy up to 160-170lm/w.
- 25°, 40°, 60°, 90°, 145x100°, 150° for option, Uniform light distribution apply to different industrial light project.
- Excellent operating temperature -40°C ~ 50°C
- 100° adjusted angle available for outdoor & indoor lighting application.
- Green product, no UV, IR radiation or mercury pollution Passed IEC62471.
- With Excellent housing design reach IP66/IK10 rating.
- Installation method is option by wall mounted & pole mounted
- 0-10V, DALI system, Microwave motion upon request.
- CE, ROHS. LM80, IK10 approved.
- Life-span over 50,000 hours, 5 years warranty.

Parameters

Electric Data

Model	LY-HB0501	LY-HB0502	LY-HB0503	LY-HB0504	LY-HB0505
Power	50W	100W	150W	200W	250W
Power Efficiency	88%	90%	90%	90%	90%
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95
Power Supply	MOSO/MW/SOSEN				
Working Voltage	90-305V/249-528V AC,50/60Hz				

Photometric Specifications

LEDs	5050 LED				
CRI	>70(>80,>90 optional)				
Luminous Efficiency	155-160lm/w				
LEDs Qty	28pcs	56pcs	84pcs	112pcs	140pcs
Luminous Flux(±5%)	7750lm	15500lm	23250lm	31000lm	38750lm
CCT	3000K/4000K/5000K/6000K				
Beam angle	25°/40°/60°/90°/145x100°/150°				

Mechanical Specifications

IP/IK Rate	IP66/IK10				
Lifespan	>50,000 Hours				
Inclination Angle	50W-150W 180°	200W-250W 150°			
Body Material	Aluminum				
Lens Material	PC				
Dimmable	1-10V,DALI				
N.W.(KG)	2.1	3.3	4.0	5.2	6.1
Light size (mm)	302x88x225	302x176x225	302x264x225	302x352x225	302x440x225
Light size (inch)	11.9x3.5x8.9	11.9x7.0x8.9	11.9x10.4x8.9	11.9x13.9x8.9	11.9x17.3x8.9
Working Temperature	-40°C~50°C, 20%~90% H.R				
Storage Temperature	-40°C~85°C,10%~90% H.R				
Certificates/Test	CE ROHS LM80				



External Design Features



Product Details

IP67 Module IP66 Whole Lamp

Replaceable parts for completed lamp, it's water-proof & non-corrosive by electrophoresis process technology.

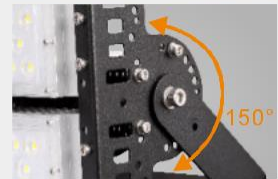


100% pure aluminum heat sink, excellent heat dissipation

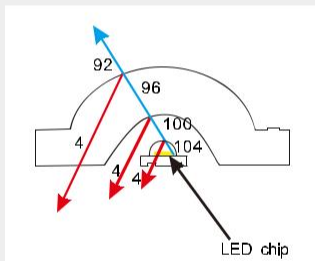
IP66 grade (corrosion-proof, water-proof and dust-proof), IK10 impact grade

Optics lens 25°, 40°, 60°, 90°, 145x100°, 150° to satisfy different requirement

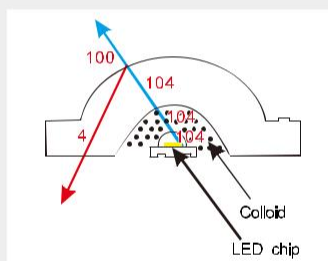
USA Bridgelux 5050 LED, system efficiency up to 160lm/w



High efficiency



Normal Distribution Lens

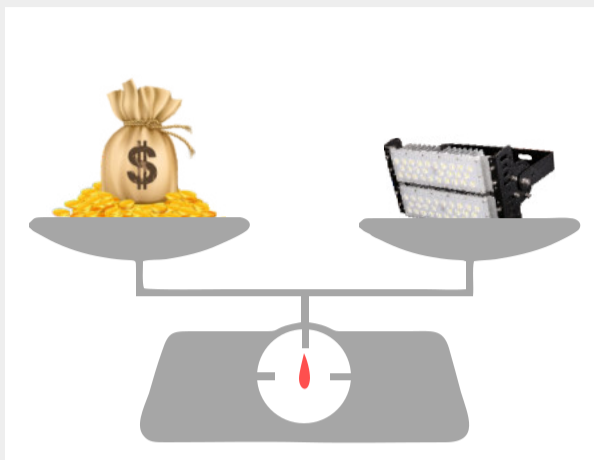


Zero-Air Tech Lens



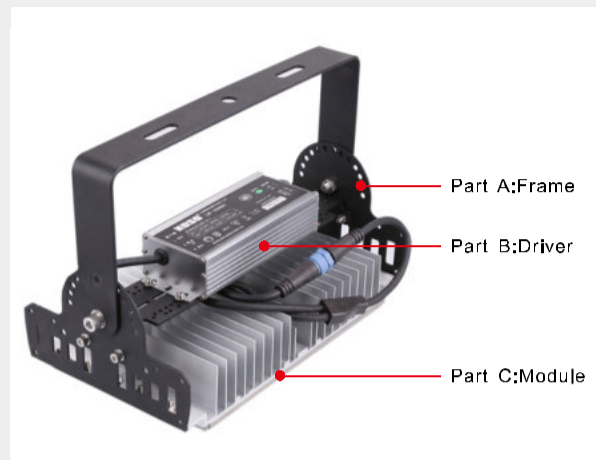
Adoption of Lepower developed "Adapable Collid Tech" to achieve "Zero air" space between LED and Lens, make up the loss of light reflected. Light transmittance >98%

Most competitive price upon high quality



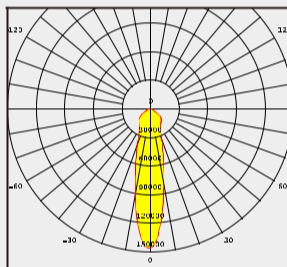
Easy Maintenance Design

Driver with 10KV SPD, IP67, 5 years warranty. Easy maintenance and assemblable for all parts.

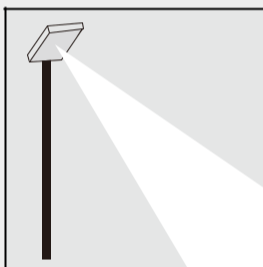


Distribution Curve

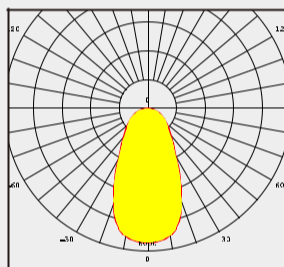
25°



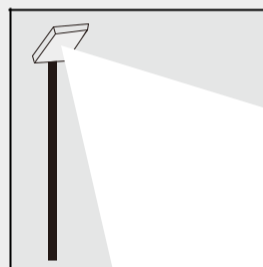
AVERAGE BEAM ANGLE (50%):24.0 DEG
UNIT:cd — C0/180,23.9° — C90/270,24.2°



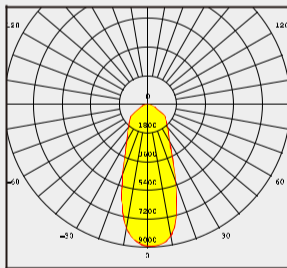
60°



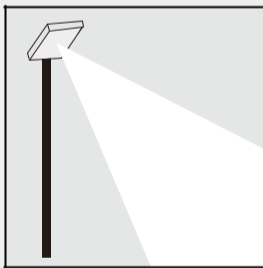
AVERAGE BEAM ANGLE (50%):57.3 DEG
UNIT:cd — C0/180,57.9° — C90/270,56.6°



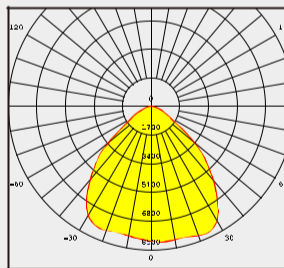
40°



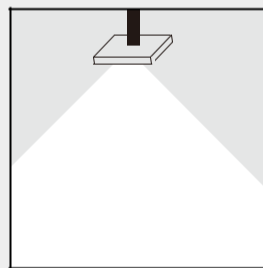
UNIT:cd — C0/180,42.1° — C90/270,43.6°



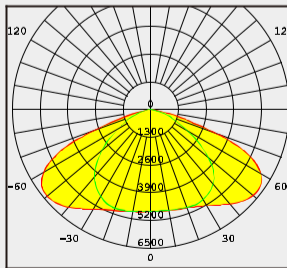
90°



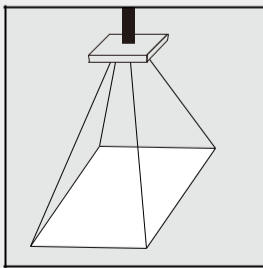
AVERAGE BEAM ANGLE (50%):91.4 DEG
UNIT:cd — C0/180,93.0° — C90/270,89.8°



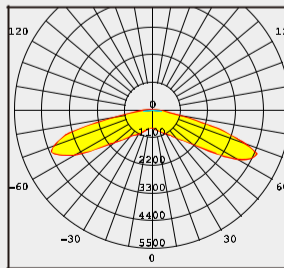
145°X100°



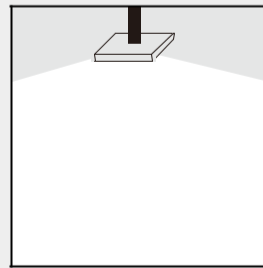
UNIT:cd — C0/ 80,143.4° — C90/270,97.2°



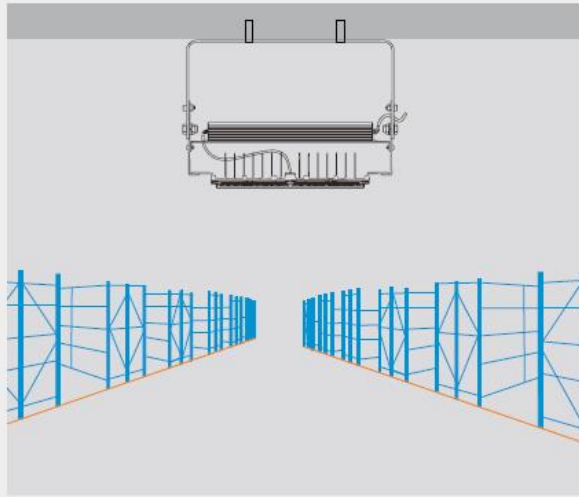
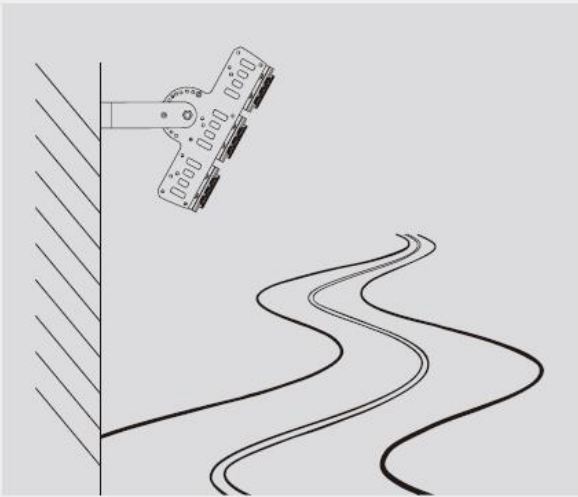
150°



UNIT:cd — C0/180,166.8° — C90/270,164.1°



Installation

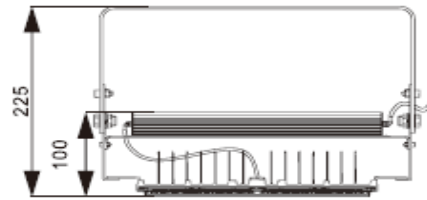
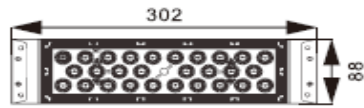


Case Study

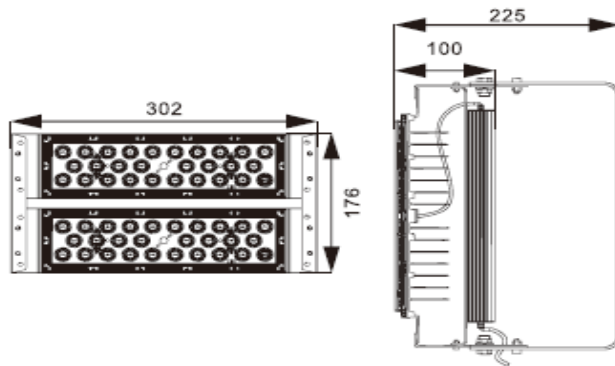


Dimension(mm)

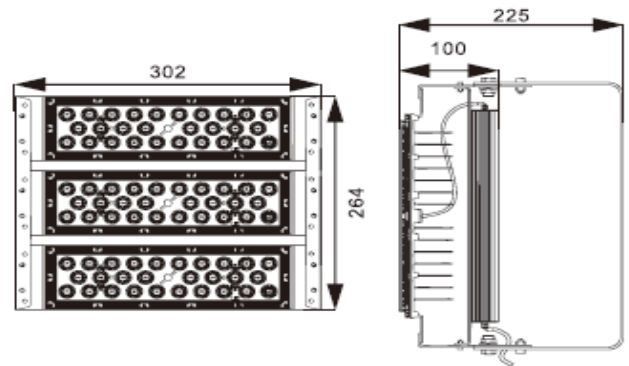
HB0501-50W



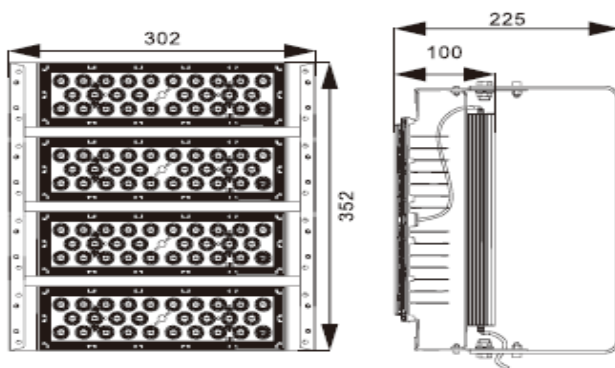
HB0502-100W



HB0503-150W



HB0504-200W



HB0505-250W

