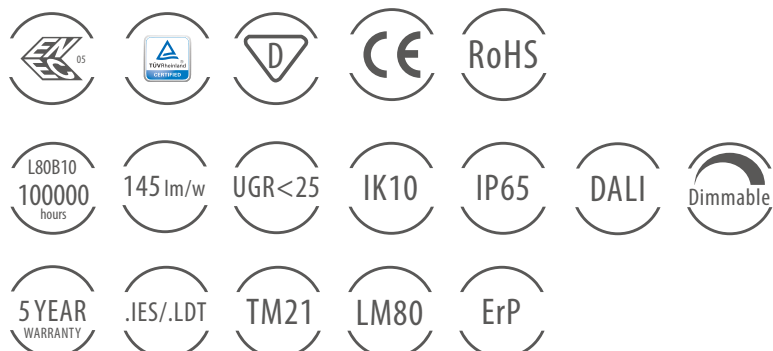


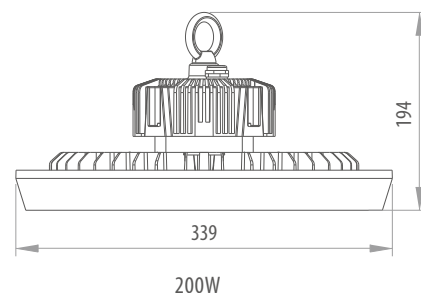
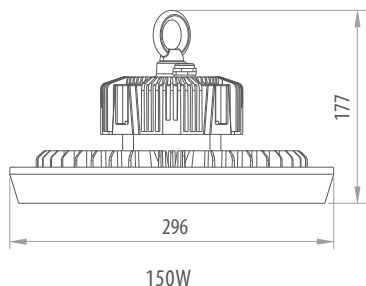
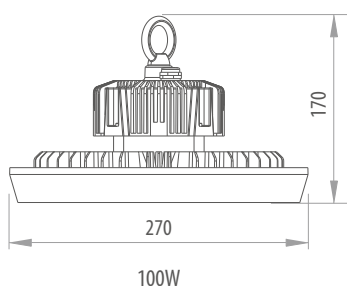
ECO MASS HIGH BAY LIGHT



Bottom View



OUTLINE DRAWING(MM)



PRODUCT PARAMETER

	Part No.	Power	Voltage	CRI	PF	@4000K
145 lm/W	FK-IX100-XXN-HM	100W	100-277 VAC	>80	>0.95	14500 lm
145 lm/W	FK-IX150-XXN-HM	150W	100-277 VAC	>80	>0.95	21750 lm
145 lm/W	FK-IX200-XXN-HM	200W	100-277 VAC	>80	>0.95	29000 lm

XX: Different lens for 60 / 90 / 100 deg beam angle available
Color temperature of panel light: NW(4000K),PW(5000K),W(5700K)

SPECIFICATIONS

Operating temperature range		-30°C to +50°C
Driver Vender		Lifud Driver
LED Vender		Seoul
Smart control options		Occupancy sensor / daylight sensor / 1-10V dimming
Material	Structure	Die casting ADC12
	Finish:	Sand blasting and anodized
	Lens:	Polycarbonate
Color		Matte black
Mounting options		Suspended / wall mounted
IP grade		IP65
IES/LDT file		Available

ErP REQUIREMENT



Spectrophotometer



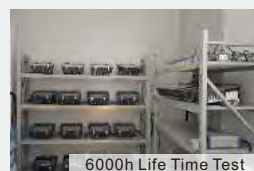
Start UP Test



Switch Cycles Test



Integrating Sphere



6000h Life Time Test

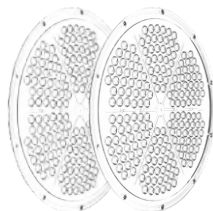
Instant full light	SDCM	Starting Time	Life Time	Switching cycles	Beam Angle	L70/B10	Lumen maintenance at 6000h
Dimmable	<6	<0.5s	100000 h	15000	100 / 90 / 60 deg	>100000 hrs	>96%

PRODUCT DETAILS

01 Various Lens



Clear glass (100deg)



Lens (60deg / 90deg)
(60deg-100W, 150W) Part No. : A-0000-0176
(60deg-200W) Part No. : A-0000-0179
(90deg-100W, 150W) Part No. : A-0000-0177
(90deg-200W) Part No. : A-0000-0180

02 Various Cover



PC Cover (100W / 150W)
Part No. : A-0001-0014



AL Cover (100W / 150W)
(Black) Part No. : A-0001-0012
(White) Part No. : A-0001-0012



PC Cover (200W)
Part No. : A-0001-0016

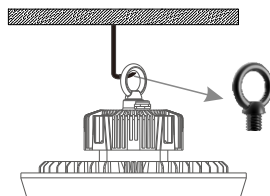


AL Cover (200W)
(Black) Part No. : A-0001-0111
(White) Part No. : A-0001-0015

03 Various Installation

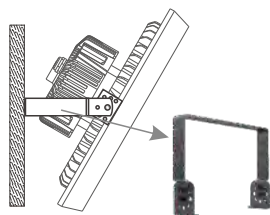
Suspended

Suspension loop
Part No. : 82-0204-0011



Wall mounted

Bracket
(100W) Part No. : A-0000-0175
(150W) Part No. : Z-0101-0001
(200W) Part No. : A-0000-0004



04 Surge Protector

Part No. : A-0000-0210



Part No.:	SPD-ZGDD10-320(P4)
Surge handling capability:	10 KV
Working temperature :	-40°C ~ +70°C
IP :	65
Relative humidity :	5% - 95% (25°C)
1. Surge handling capability is up to 10KV, satisfied IEC standard;	
2. SPD can effectively protect the lamp after the occurrence of a surge;	
3. The artful appearance, easy to install;	
4. IP65 dust prevention water proofing can be used in the outdoors.	
5. SPD-ZGDD10-320(P4) is suitable for PHILIPS Driver	

SYSTEM CONNECTION DIAGRAM



05 IP65 Microwave Motion Sensor

Part No. : A-0000-0073



Part No.:	MC031V B
Detection zone:	8m
Hold Time:	5s - 30min
Mounting Height:	15m max
Automatic Dimming:	10% - 50%

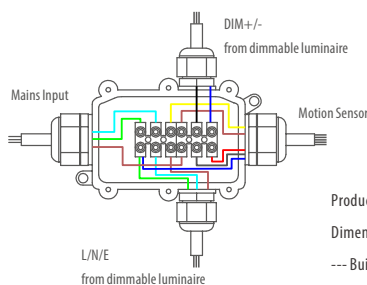
1. Automatic dimming when used in combination with 1-10V dimmable High bay light
2. Built-in adjustable daylight sensor
3. Detection area, time delay and daylight threshold can be precisely set via DIP switch.
4. Wide detection area, range up to 16m in diameter and mounting height 15m max. suitable for warehouse.
5. Optional mounting brackets for different application.

06 Junction box IP65

Part No. : 84-1100-0005



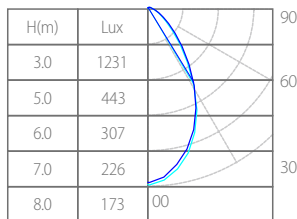
The wiring scheme is suitable for 1-10v dimmable High bay light with microwave motion sensor to achieve 3-step dimming function.



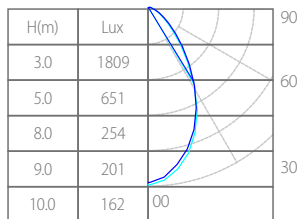
Product Code	84-1100-0005
Dimension(mm)	130*55*37
--- Built-in VDE listed terminal block	

LIGHT DISTRIBUTION CURVE AND AVERAGE E(LX) FIGURE-5000K-HM

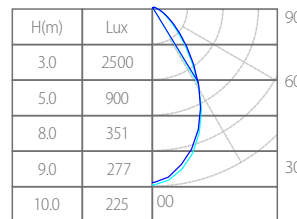
100w-60deg



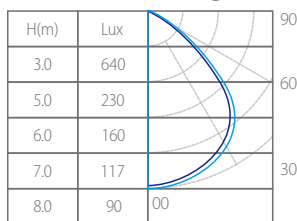
150w-60deg



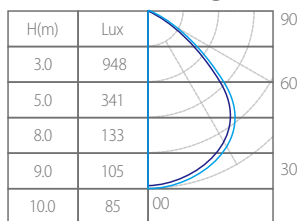
200w-60deg



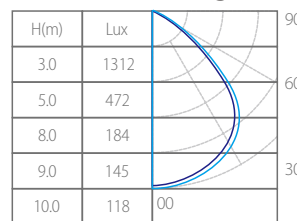
100w-90deg



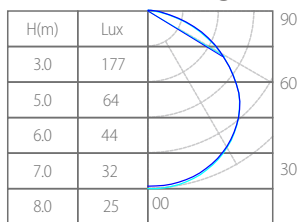
150w-90deg



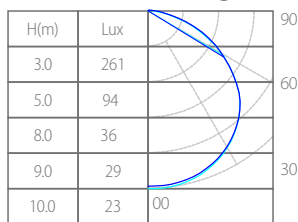
200w-90deg



100w-100deg



150w-100deg



200w-100deg

