Ansa Led

Industrial LED and outdoor Lighting Manufacturer

LIGHTING DESIGN

PRODUCT
OVERVIEW

INDOOR

- OPAIR Round LED Highbay 1-9
- OPBAY Round LED Highbay 10-15
- OPMILL Linear Highbay 16-19

OUTDOOR

- OPSUN LED Flood Light (100-600W) 20-29
- OPLUX LED Flood Light (50-150W) 30-35
- OPBOX LED Flood Light (800-1000W) 36-39

OpAir & OpBay

Industry LED Lighting

OPAIR SERIES

Customized Anti-glare Lens

Beam angle: 100°

Lumen efficacy: 130lm/W

UGR<20(Optional)

Suspended

Bracket

Pole mounted

Microwave sensor

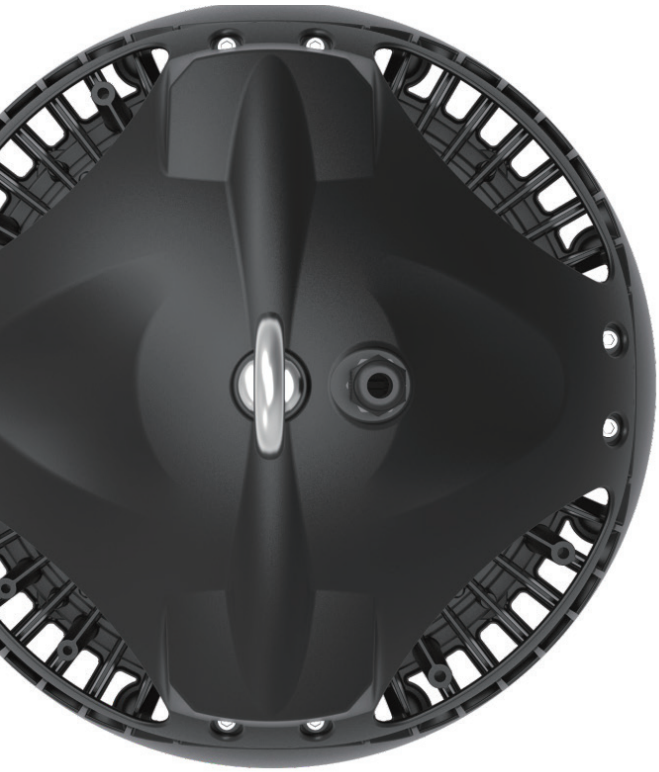
90°Reflector

70° Reflector

The right light for your warehouse

Ansa Led has a wide selection of LED luminaire fixtures for area. We offer lighting for warehouse, factory, logistics and more. The OPAIR is an outstanding value for a wide variety of applications and mounting heights.
Precision designed optics, lumen outputs and color temperatures make the OPAIR an ideal one-for-one replacement of conventional high bay systems such as HID and fluorescent for industrial, commercial, manufacturing, gymnasium.

The OPAIR Series can be fully dimmable and is compatible with building controls, motion sensors and daylight harvesting systems. The brand name LED's enable long life,high lumen maintenance and output.

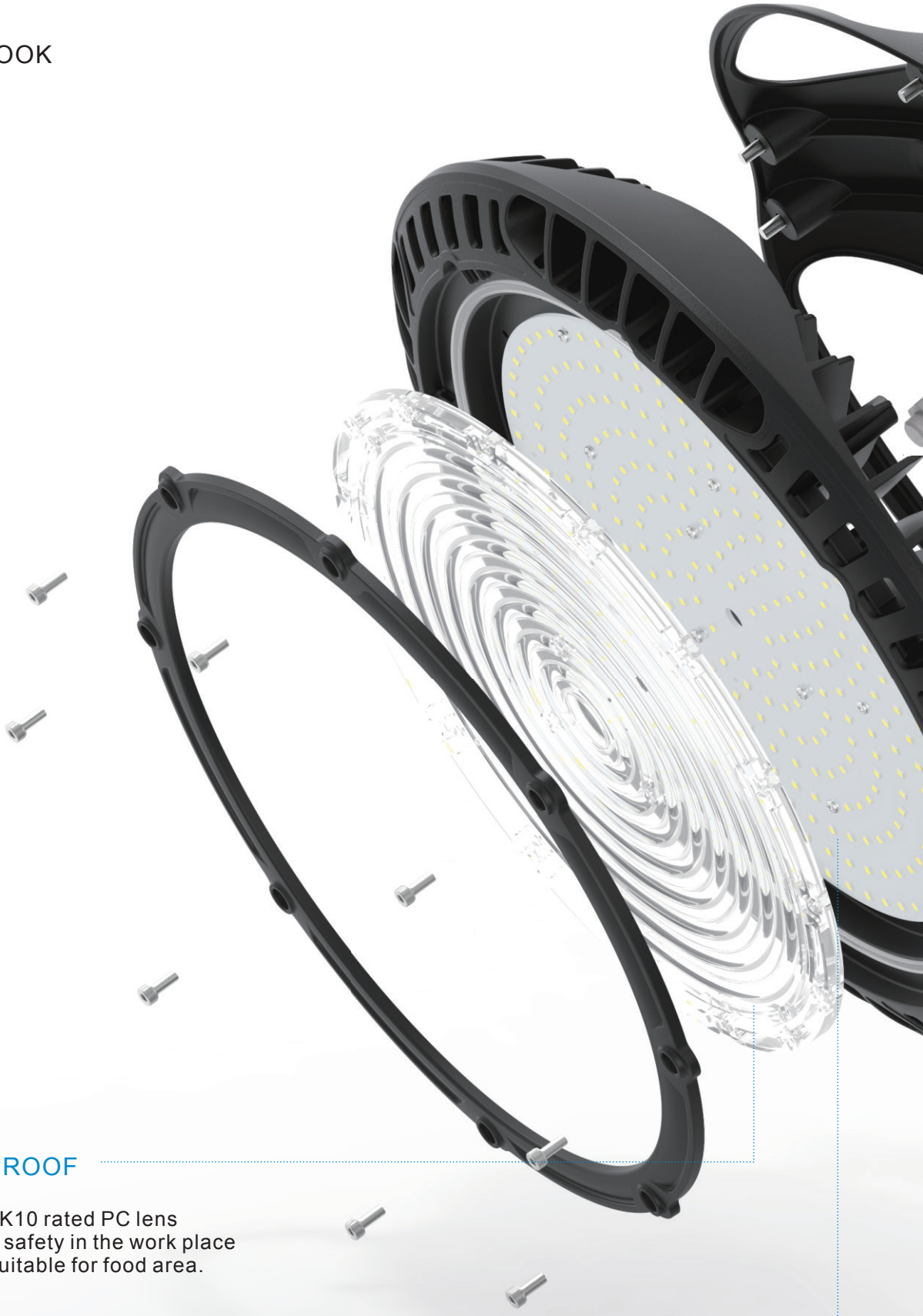


The Keys to Optimal Warehouse Lighting:

All Applications
• Indoor or outdoor lighting (Wet Location available)
• Workshops
• Indoor stadiums
• Warehouse

Main Features:
• Excellent heat dissipation ADC12# AL housing, anti-corrosion powder coated finished.
• Water-proof silicon rubber gasket.
• High thermal conductive material and high efficiency cooling system. Junction temp. <70 .
• LM80 approval LED chip ensures excellent performance.
• Surface light, soft and healthy, no double shadow.
• IP Rating IP65.

TAKE A LOOK
UNDER
THE
HOOD

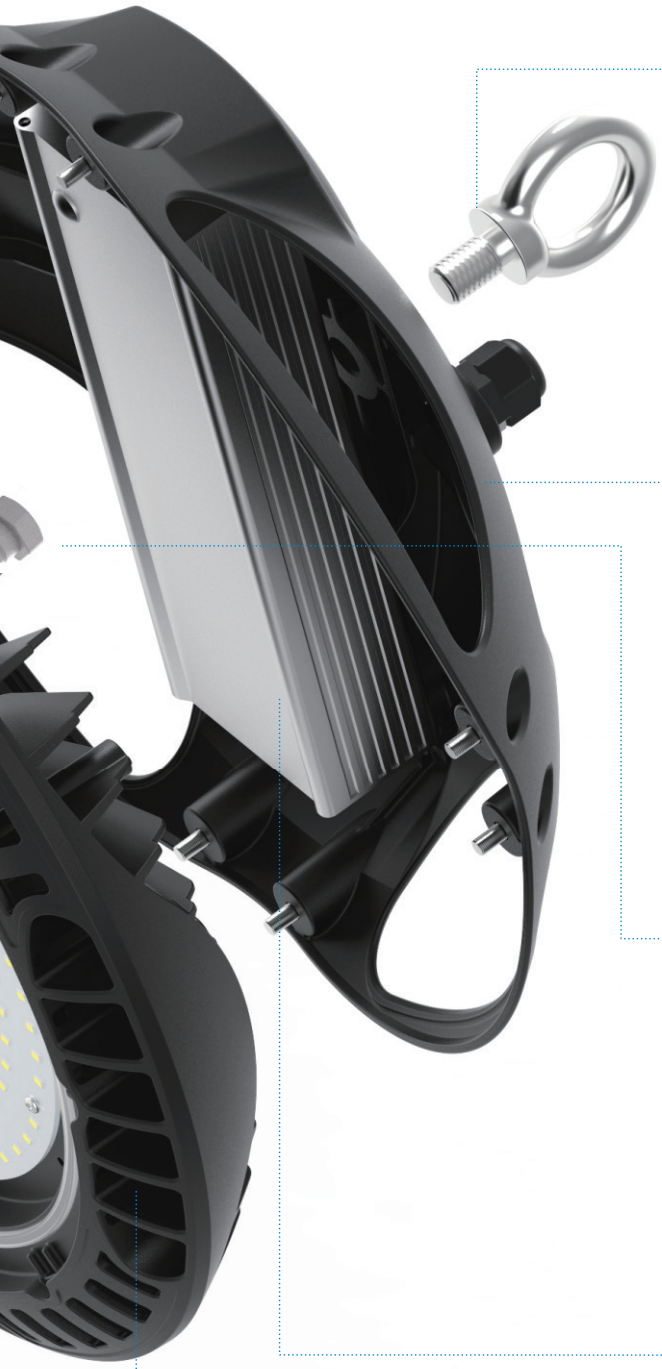


SHATTER PROOF PC LENS

Shatter proof IK10 rated PC lens provides extra safety in the work place and makes it suitable for food area.

HIGH OUTPUT BRAND LED CHIPS

Ultra efficient Cree 3030 (or Lumileds 3030) chip, up to 150lm/W system efficacy.
(Standard, 130lm/W)



LOOP
Single point suspension for quick and easy installation. (Bracket accessories available)

WE'VE GOT YOU COVERED
Our professionally designed aluminum cover protects against dust, moisture and other environmental contaminants.

BREATHER
A breather allows the OpAir to constantly breath with changing temperatures, preventing condensation while ensuring an IP65 seal.

BRAND DRIVER
The linear MW driver (or Sosen driver) is fixed under the cover and kept away from the heat sink to assure the driver's lifetime.

HIGH PURITY ALUMINUM HEATSINK
Our optimised heatsink is made of ADC12# aluminum with excellent thermal management helping the highbay stay cooler & more reliable.

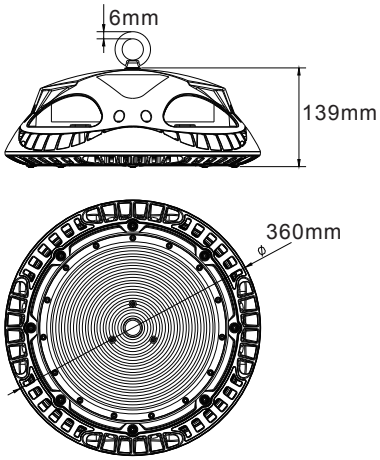
OPAIR
SUP

Product Parameter

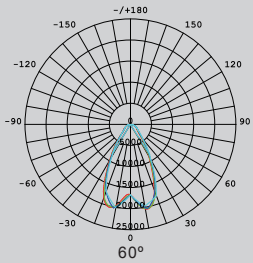
Part No.	Power	Voltage	Angle	Lumen	CCT	CRI	Dim	IP
LUX-HB-100H	100W	AC100-277V	60°/90°/120°	15,000Lm	4000K/5000K	70/80	Optional	65
LUX-HB-150H	150W	AC100-277V	60°/90°/120°	22,500Lm	4000K/5000K	70/80	Optional	65
LUX-HB-200H	200W	AC100-277V	120°	30,000Lm	4000K/5000K	70/80	Optional	65
LUX-HB-240H	240W	AC100-277V	120°	36,000Lm	4000K/5000K	70/80	Optional	65

Specification

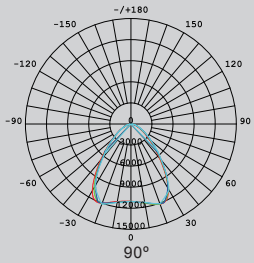
Operating temperature	-30 ~ +45
Driver brand	Meanwell
LEDs brand	Lumileds/Cree
Smart control options	DALI Dimming 1-10V Dimming Zigbee wireless control
Materials	Structure: Extruded ADC12 Finish: Powder coated Lens: Polycarbonate Glass: Tempered glass
Color	Black/Grey/White
Mounting options	Suspended/Bracket/Pole mounted
.IES/.LDT file	Available



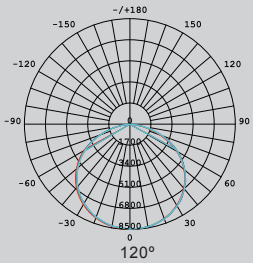
Light distribution curve



60°



90°



120°

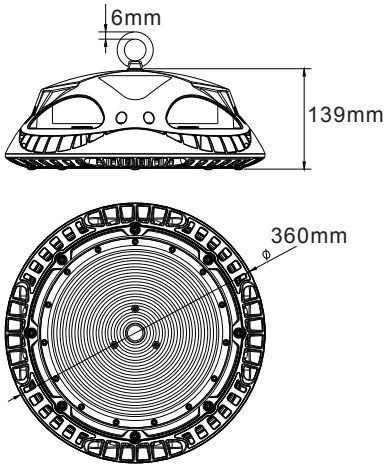
OPAIR
STD

Product Parameter

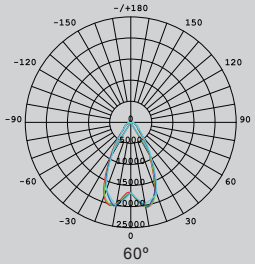
Part No.	Power	Voltage	Angle	Lumen	CCT	CRI	Dim	IP
LUX-HB-100S	100W	AC100-277V	60°/90°/120°	13,000Lm	4000K/5000K	70/80	Optional	65
LUX-HB-150S	150W	AC100-277V	60°/90°/120°	19,500Lm	4000K/5000K	70/80	Optional	65
LUX-HB-200S	200W	AC100-277V	60°/90°/120°	26,000Lm	4000K/5000K	70/80	Optional	65
LUX-HB-240S	240W	AC100-277V	60°/90°/120°	31,200Lm	4000K/5000K	70/80	Optional	65

Specification

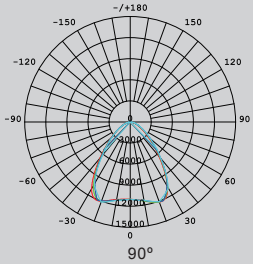
Operating temperature	-31 ~ +45
Driver brand	Meanwell
LEDs brand	Lumileds/Cree
Smart control options	DALI Dimming 1-10V Dimming Zigbee wireless control
Materials	Structure: Extruded ADC12 Finish: Powder coated Lens: Polycarbonate Glass: Tempered glass
Color	Black/Grey/White
Mounting options	Suspended/Bracket/Pole mounted



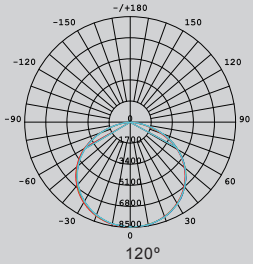
Light distribution curve



60°



90°

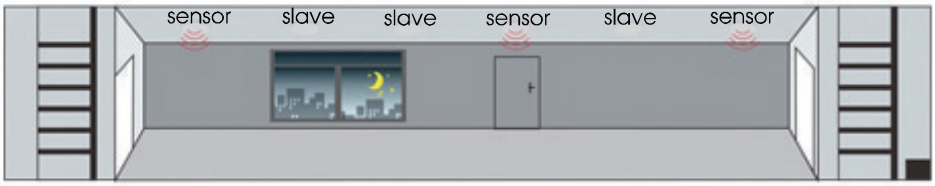


120°

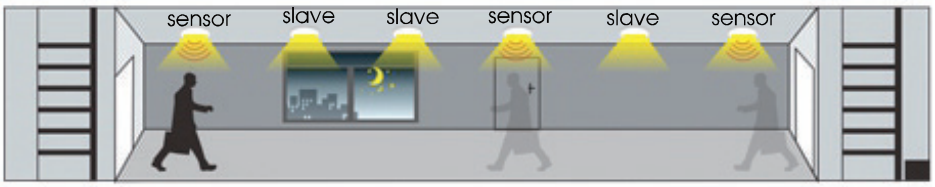
Microwave sensor

3-step dimming function

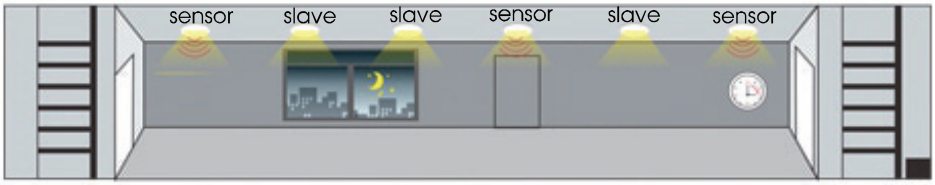
Lamps in corridor are controlled by several sensors. Once any motion is detected by one of sensors, the motion signal will be transmitted to other sensors connected together. Then, all lamps switch on at the same time, instead of switching on the lamps in the area where motion is detected.



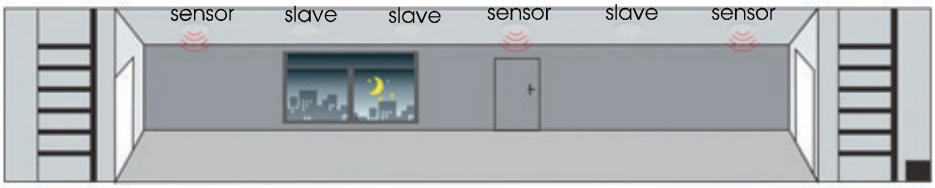
1.No motion detected, all lamps switch off.



2.Any movement is detected from any direction, all lamps synchronously switch on.



3.No motion is detected in detection area, all lamps synchronously dim to a low light level after hold time.



4.After stand-by period, the lamps switch off if no movement is detected in the detection zone.

Daylight sensor

When used in combination with daylight sensor, the system has automated controls that eitherturn off or dim articallight in response to the available daylight in the space.

Ambient light larger the preset illumination level (Set by 1-10V daylight sensor), the lamp stays off.

Ambient light below the preset illumination level, the lamp switches on when motion is detected.

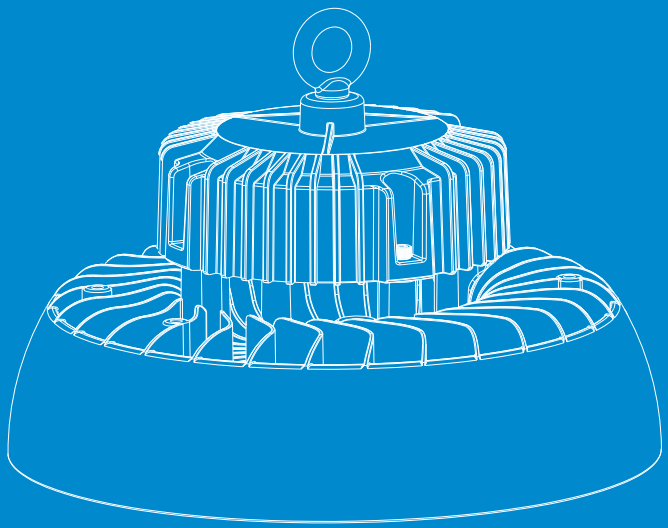
The lamp lights on 100% illumination or dims to maintain the preset illumination level against the level of ambient light.

If with suficient ambient light, the lamp turns off at once, even with motion trigger.

If with insuficient ambient light, the lamp dims to stand-by dimming level (Set in the motion sensor) when no motionis detected after hold time, and then switches off after stand-by period.

Smart High Bay available

Wireless controlled by Phone/computer
Saving more energy
Intelligent and easy to operate



OPBAY SERIES

OpBay LED High bay, low cost, excellent heat dissipation, easy installation for supermarkets, warehouses,factories, docks, exhibition halls, waiting room, and stations.

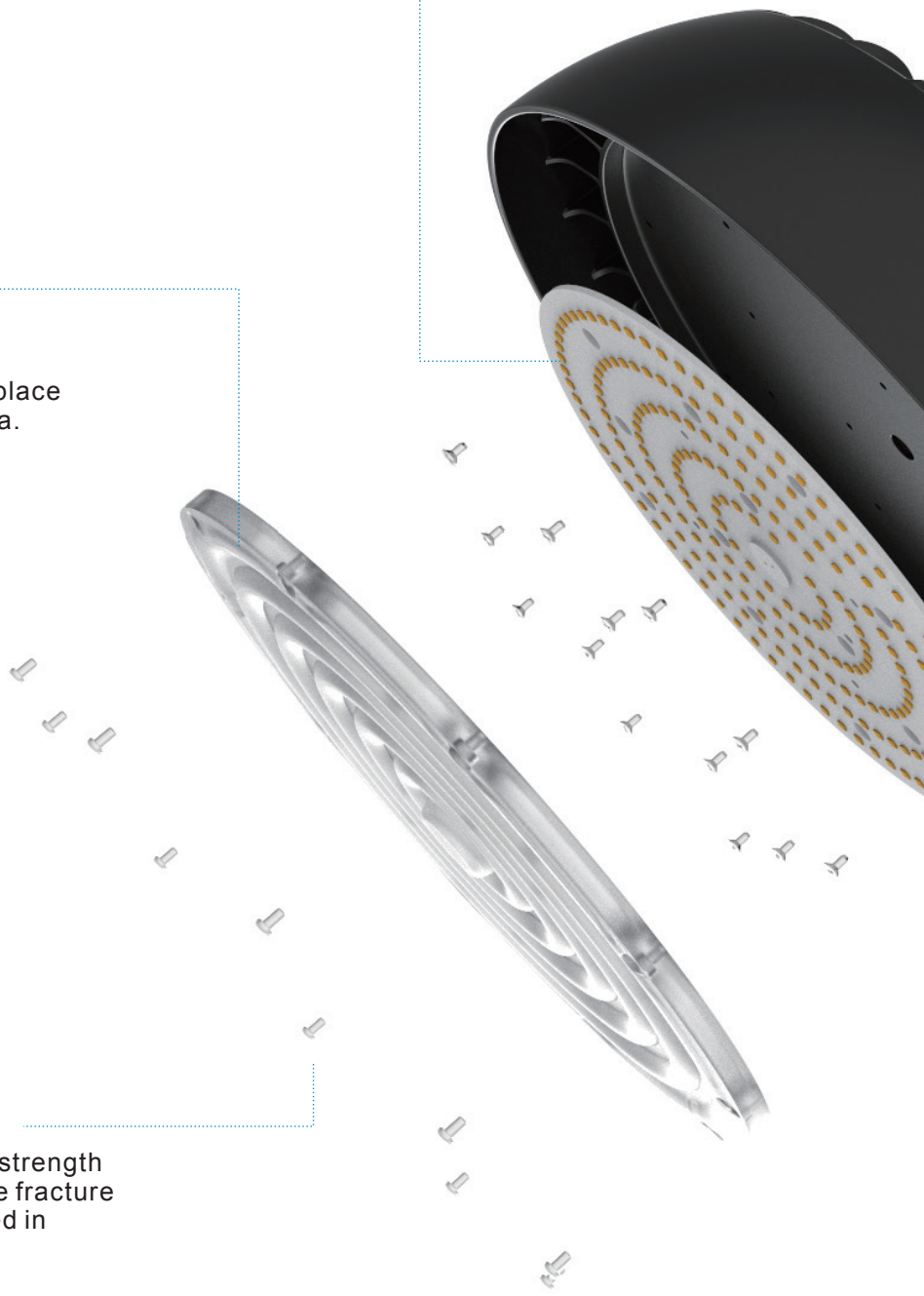
Top performance & Less size than OpAir, means you can save on freight.

BRAND LED CHIPS

High quality Lumileds 3030
(Or Osram 2835),up to 130lm/W.

SHATTER PROOF PC LENS

Shatter proof IK10 rated PC lens provides extra safety in the work place and makes it suitable for food area.

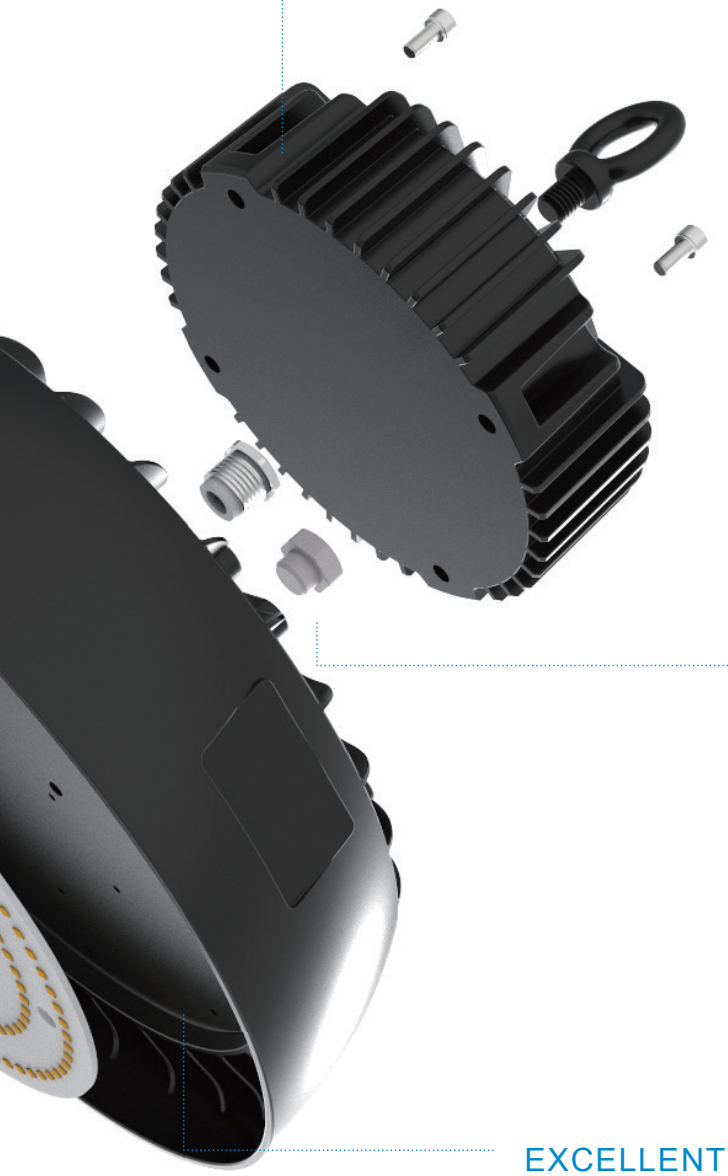


STAINLESS STEEL SCREWS

Stainless steel not only ensures the strength but also eliminate the risk of possible fracture caused by corrosion when being used in harsh condition.

GOOD QUALITY LED DRIVER

Split-type external driver is conductive to heat dissipation, improve driver efficiency and life span.



BREATHER

A breather allows the OpBay to constantly breath with changing temperatures, preventing condensation while ensuring an IP65 seal.

EXCELLENT HEAT DISSIPATION

Ventilation convection design enables fast heat dissipation. The single-piece extruded heat sink adapts aluminum ADC12 as raw mertrial for the best effect of the best effect of heat management.

OPBAY

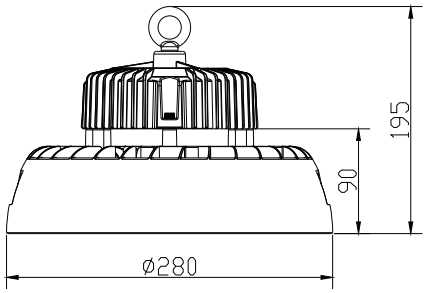
100W 150W

Product Parameter

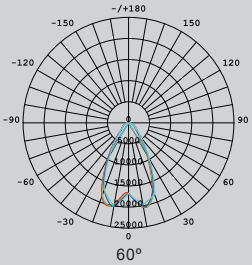
Part No.	Power	Voltage	Angle	Lumen	CCT	CRI	Dim	IP
LUX-OHB-100	100W	AC100-277V	60°/90°/120°	13,000Lm	4000K/5000K	70/80	Optional	65
LUX-OHB-150	150W	AC100-277V	60°/90°/120°	19,500Lm	4000K/5000K	70/80	Optional	65

Specification

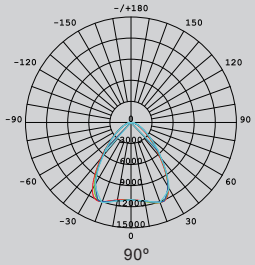
Operating temperature	-30 ~ +45
Driver brand	Meanwell/MOSO/ZH
LEDs brand	Lumileds/Osram
Smart control options	DALI Dimming 1-10V Dimming Zigbee wireless control
Materials	Structure: Extruded ADC12 Finish: Powder coated Lens: Polycarbonate
Color	Black/Grey/White
Mounting options	Suspended/Bracket



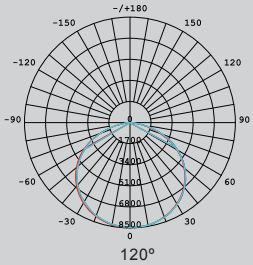
Light distribution curve



60°



90°



120°

OPBAY

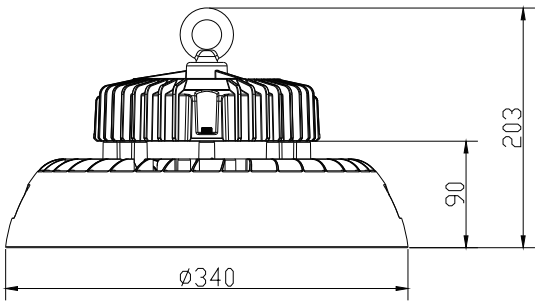
100W 150W

Product Parameter

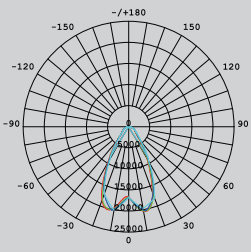
Part No.	Power	Voltage	Angle	Lumen	CCT	CRI	Dim	IP
LUX-OHB-200	200W	AC100-277V	60°/90°/120°	26,000Lm	4000K/5000K	70/80	Optional	65
LUX-OHB-240	240W	AC100-277V	60°/90°/120°	31,200Lm	4000K/5000K	70/80	Optional	65

Specification

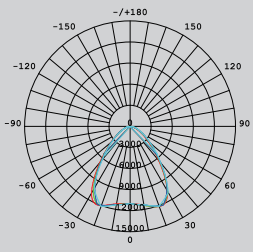
Operating temperature	-30 ~ +45
Driver brand	Meanwell/MOSO/ZH
LEDs brand	Lumileds/Osram
Smart control options	DALI Dimming 1-10V Dimming Zigbee wireless control
Materials	Structure: Extruded ADC12 Finish: Powder coated Lens: Polycarbonate
Color	Black/Grey/White
Mounting options	Suspended/Bracket
.IES/.LDT file	Available



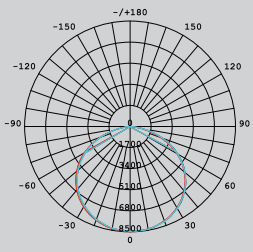
Light distribution curve



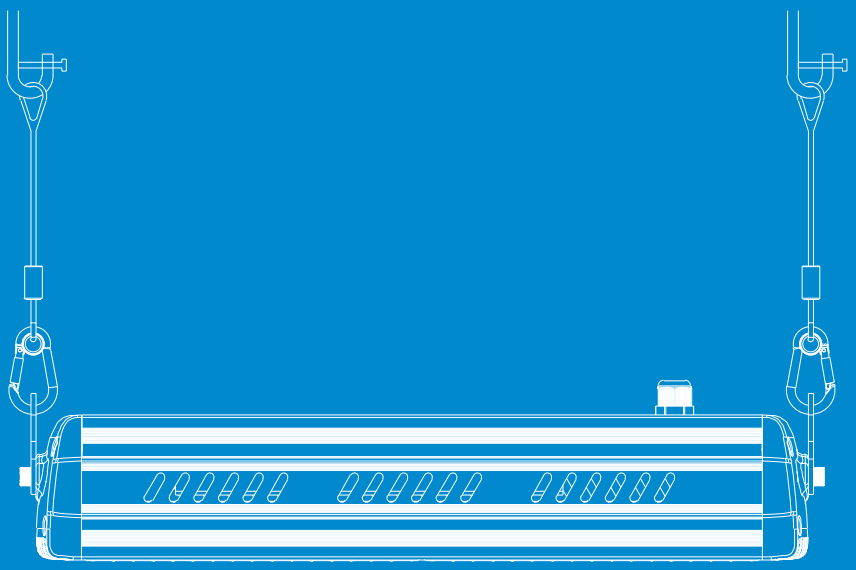
60°



90°



120°

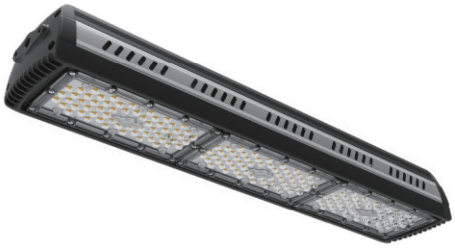


Designed to provide a total lighting solution for warehousing, the linear OpMill is perfect for both aisles and open areas. High-end components and exceptional build quality ensures the highest performance and reliability.

OPMILL SERIES

50w

100w



150w

200w

300w

HIGH PERFORMANCE

High output Lumileds LED Chips and Mean Well control gear ensures you will save on both energy and maintenance costs while meeting the highest performance standards.

60x90°

60°

90°

120°

Product Parameter

OPMILL PRO

Part No.	Power	Voltage	Angle	Lumen	CCT	CRI	Dim	IP
LUX-LHB-50H	50W	AC100-277V	30°/60°/90°	6,500lm	4000K/5000K	70/80	Optional	65
LUX-LHB-100H	100W	AC100-277V	30°/60°/90°	13,000lm	4000K/5000K	70/80	Optional	65
LUX-LHB-150H	150W	AC100-277V	30°/60°/90°	19,500lm	4000K/5000K	70/80	Optional	65
LUX-LHB-200H	200W	AC100-277V	30°/60°/90°	26,000lm	4000K/5000K	70/80	Optional	65
LUX-LHB-300H	300W	AC100-277V	30°/60°/90°	39,000lm	4000K/5000K	70/80	Optional	65

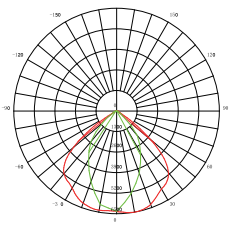
OPMILL STD

Part No.	Power	Voltage	Angle	Lumen	CCT	CRI	Dim	IP
LUX-LHB-50S	50W	AC100-277V	60°/90°/120°/60x90°	7,500Lm	4000K/5000K	70/80	Optional	65
LUX-LHB-100S	100W	AC100-277V	60°/90°/120°/60x90°	15,000Lm	4000K/5000K	70/80	Optional	65
LUX-LHB-150S	150W	AC 100-277V	60°/90°/120°/60x90°	22,500Lm	4000K/5000K	70/80	Optional	65
LUX-LHB-200S	200W	AC100-277V	60°/90°/120°/60x90°	30,000Lm	4000K/5000K	70/80	Optional	65
LUX-LHB-300S	300W	AC100-277V	60°/90°/120°/60x90°	45,000Lm	4000K/5000K	70/80	Optional	65

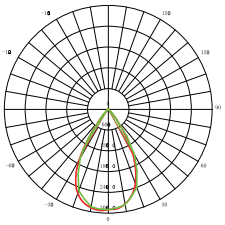
Specification

Operating temperature	-30 ~ +45
Driver brand	Meanwell
LEDs brand	Lumileds 3030/Lumileds 5050
Smart control options	DALI Dimming 1-10V Dimming Zigbee wireless control
Materials	Structure: Extruded ADC12 Finish: Powder coated Lens: Polycarbonate
Color	Black/Grey/White
Mounting options	Suspended/Bracket
.IES/.LDT file	Available

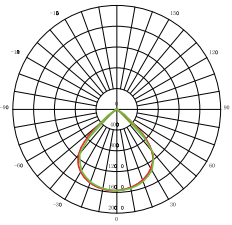
Light distribution curve



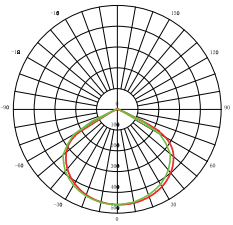
60x90°



60°



90°



120°

OUTDOOR LED LIGHTING

OPSUN SERIES

Enjoy your sports
With OPSUN LED Flood light

The right light for your sports fields

Ansa Led has a wide selection of LED luminaire fixtures for outdoor sports lighting. We offer lighting for soccer, football, baseball, hockey, basketball, tennis, lacrosse and more. Although each sport may have its own specific issues when it comes to proper lighting, there are several consistent variables in designing sports lighting.

Our OPSUN outdoor sports lighting products limit environmental impact by reducing glare, light spillage, and sky glow.

Beyond the product, Ansa Led is committed to providing our customers with unparalleled support in lighting design program.

The Keys to Optimal Sports Lighting:

All Applications
- Uniformity and light quality
- Light pollution and spillage
- Controls

Baseball, Softball
- High levels of illumination
- Lighted from all sides
- Reducing glare

Football
- Pole location (primarily sidelines)
- Pole quantity
- Number of fixtures per pole

Soccer, Lacrosse, Mixed Use
- Pole location
- Pole quantity
- Number of fixtures per pole

Basketball, Tennis
- Floodlight, or area-style fixtures
- Court configuration (grouping)
- Court access

Other application:

Sea port, airport, tunnel,
and other industrial area.

Excellent cooling performance

The OPSUN has been designed with cooling in mind, Our modular design allows for efficient cooling via convection through the structures ventilation and to ensure the complete system life is maximised we housed the Mean Well driver in a separate chamber away from critical LED components.

Color finishes

The color options: black, white, grey and bronze. Custom colors are available.

IK10 IP67

Built to last

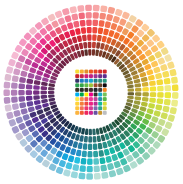
To ensure the OPSUN will survive even the thoughest of conditions we constructed it out of a low copper content aluminium alloy and coated it with a high performance pure epoxy anti-corrosion protective coating. For extra protection make sure to combine it with our 316 stainless steel bracket.

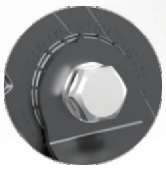
Custom wide beam profile

The OPSUN comes standard with an asymemetric wide beam angle profile for improved coverage and reduced light spill.

Flexible design options

The OPSUN offers flexible design options including 6 different stocked beam profiles including symmetric and asymmetric and multiple color temperatures ranging from 2500k to 6000k. Other options include RGBW colors, single colors, and dimming.



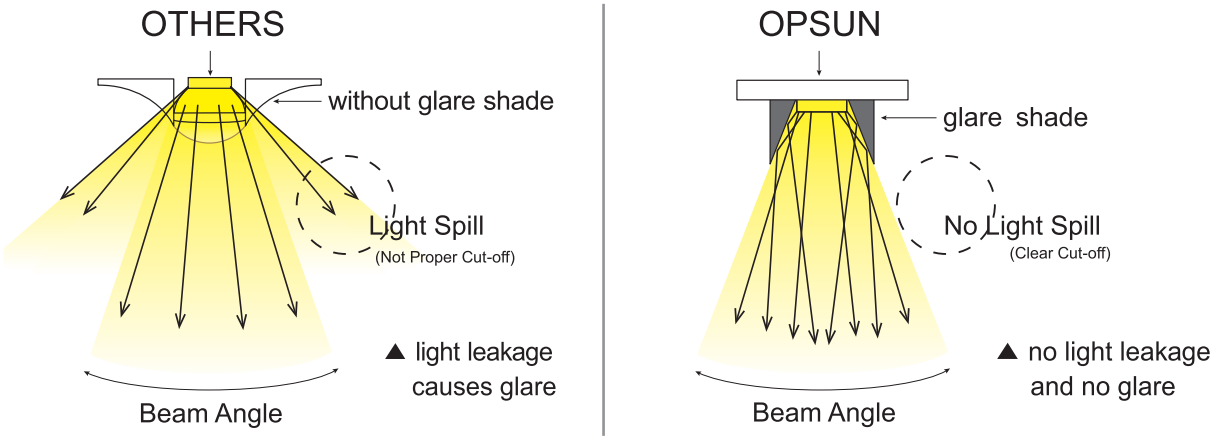


Easy installation

Universal mounting bracket and angle adjustment dial makes installing the OPSUN a breeze.

From small projects to large, we have you covered

The OPSUN offers a large range of wattages giving you maximum flexibility when designing the smallest project to the largest.
By using quality components we are able to achieve up to 150lm/W throughout the range topping out at a massive 93,000 lumens.



Metal halide lighting has a strong light which causes glare. For this reason, it makes it difficult for athletes to secure the optimal view during a competition.

Glare control is a major variable in the design of an optimal luminaire. OpSun can build your fixture utilizing one of a number of different standard glare shields, or we can even customize one for your application.

With Enhanced Glare Mitigation and Specialized Beam Shapes we are able to paint the playing surface with Smooth Light and keep your neighbours dark and happy. The asymmetric optics produce the ideal distribution and beam angles for LED stadium lighting, while saving you up to 70% or more in energy use when compared to traditional stadium lighting. The durable housing, protective lens, and brand driver are engineered for stadium lighting applications with the ability to withstand extreme outdoor conditions.

Laser Pointer

Contractors can now install the OpSun during the daytime and be easier they can meet the lighting design specification with laser pointer.

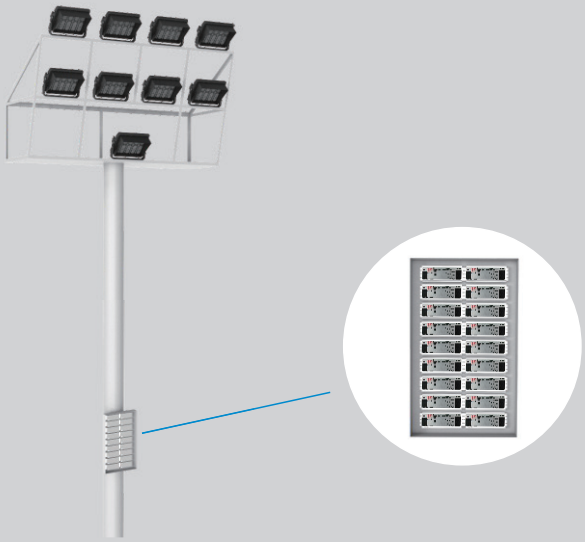
IP67 & IK10

OPSUN comes with a waterproof connector inside. Each LED mdule is equipped with double water-proof rubber, preventing water to spray in. Addtional, OpSun gets a IK10 impact-resistant grade, which provides better protection for outdoor usage.

Detachable External Driver Box

According to actual situation, 99% failures of LED floodlight are caused by drivers.
In practical use, even branded driver should encounter problems.

The external driver box is designed to either sit behind lampbody on the top of mast or remotely be placed at the bottom of mast for easy access of wiring and driver maintenance.



OPSUN
PRO

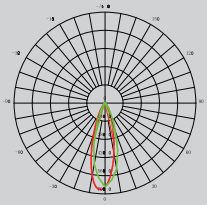
Product Parameter

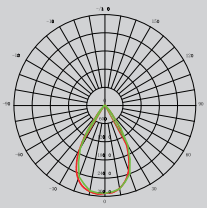
Part No.	Power	Voltage	Angle	Lumen	CCT	CRI	Dim	IP
LUX-FL-100H	100W	AC100-277V	30°/60°/90°/85x135°	15,000lm	4000K/5000K	70/80	Optional	67
LUX-FL-150H	150W	AC100-277V	30°/60°/90°/85x135°	22,500lm	4000K/5000K	70/80	Optional	67
LUX-FL-200H	200W	AC100-277V	30°/60°/90°/85x135°	30,000lm	4000K/5000K	70/80	Optional	67
LUX-FL-250H	250W	AC100-277V	30°/60°/90°/85x135°	37,500lm	4000K/5000K	70/80	Optional	67
LUX-FL-300H	300W	AC100-277V	30°/60°/90°/85x135°	45,000lm	4000K/5000K	70/80	Optional	67
LUX-FL-400H	400W	AC100-277V	30°/60°/90°/85x135°	60,000lm	4000K/5000K	70/80	Optional	67
LUX-FL-500H	500W	AC100-277V	30°/60°/90°/85x135°	75,000lm	4000K/5000K	70/80	Optional	67
LUX-FL-600H	600W	AC100-277V	30°/60°/90°/85x135°	90,000lm	4000K/5000K	70/80	Optional	67

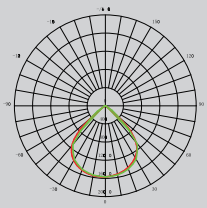
Specification

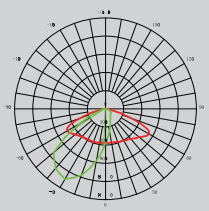
Operating temperature	-30 ~ +45
Driver brand	Meanwell
LEDs brand	Lumileds 5050
Smart control options	DALI Dimming 1-10V Dimming
Heat Sink Materials	6063 Aluminium
Finish	Powder coated
Lens	Polycarbonate
Color	Black/Grey/White
Mounting options	Bracket/Pole mounted
.IES/.LDT file	Available

Light distribution curve


30°


60°


90°


85x135°

OPSUN
STD

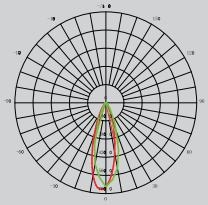
Product Parameter

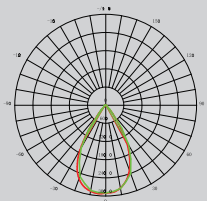
Part No.	Power	Voltage	Angle	Lumen	CCT	CRI	Dim	IP
LUX-FL-100S	100W	AC100-277V	30°/60°/90°/120°/60x135°/85x135°	13,000lm	4000K/5000K	70/80	Optional	67
LUX-FL-150S	150W	AC100-277V	30°/60°/90°/120°/60x135°/85x135°	19,500lm	4000K/5000K	70/80	Optional	67
LUX-FL-200S	200W	AC100-277V	30°/60°/90°/120°/60x135°/85x135°	26,000lm	4000K/5000K	70/80	Optional	67
LUX-FL-250S	250W	AC100-277V	30°/60°/90°/120°/60x135°/85x135°	32,500lm	4000K/5000K	70/80	Optional	67
LUX-FL-300S	300W	AC100-277V	30°/60°/90°/120°/60x135°/85x135°	45,000lm	4000K/5000K	70/80	Optional	67
LUX-FL-400S	400W	AC100-277V	30°/60°/90°/120°/60x135°/85x135°	39,000lm	4000K/5000K	70/80	Optional	67
LUX-FL-500S	500W	AC100-277V	30°/60°/90°/120°/60x135°/85x135°	65,000lm	4000K/5000K	70/80	Optional	67
LUX-FL-600S	600W	AC100-277V	30°/60°/90°/120°/60x135°/85x135°	78,000lm	4000K/5000K	70/80	Optional	67

Specification

Operating temperature	-30 ~ +45
Driver brand	Meanwell
LEDs brand	Lumileds 3030
Smart control options	DALI Dimming 1-10V Dimming
Heat Sink Materials	6063 Aluminium
Finish	Powder coated
Lens	Polycarbonate
Color	Black/Grey/White
Mounting options	Bracket/Pole mounted
.IES/.LDT file	Available

Light distribution curve


30°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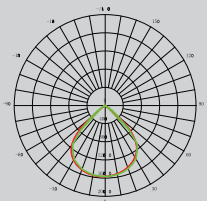
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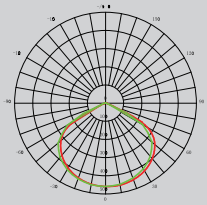
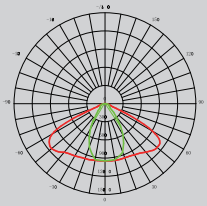
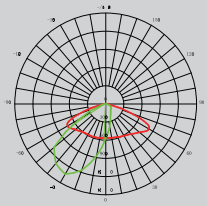
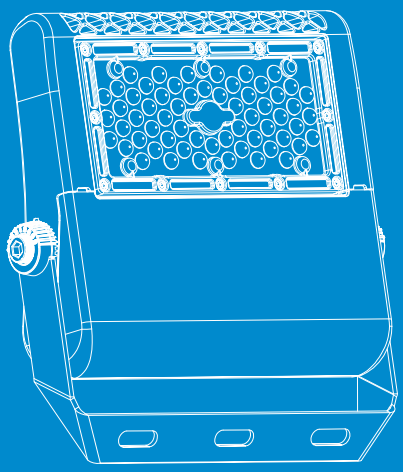
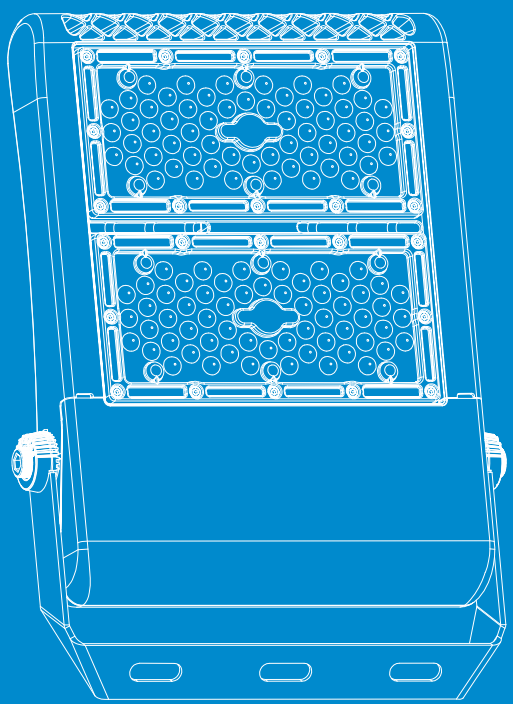

120°


60x135°


85x135°





OPLUX SERIES

OpLux LED Floodlight, low cost, excellent heat dissipation, easy installation for wall, pole, high-mast, and other outdoor place

ANTI-CORROSION FINISH

OpLux uses anti-corrosion outdoor powder coat finish. With stainless steel screws, and bracket it can be used in harsh condition.

Body color: Black, White, Grey available

PROFESSIONAL OPTICALS

The PC lens are suitable for professional light distribution, suitable for different applications.

With Lumileds 3030, 30°60°90°120°85*135°optional
With Lumileds 5050, 30°60°90°85*135°optional

EXCELLENT HEAT DISSIPATION

Ventilation covection design enables fast heat dissipation. The single-piece extruded heat sink adapts aluminum ADC12 as raw meterial for the best effect of the best effect of heat management.

Easy to installation

The flat design will save your installation time.

INDIVIDUAL DRIVER BOX

Water-proof driver box is conductive to heat dissipation, improve driver efficiency and lifespan.

OPLUX

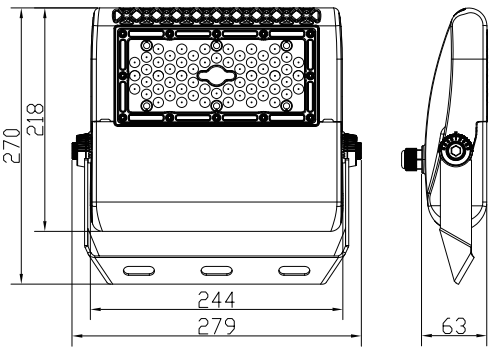
50W 100W

Product Parameter

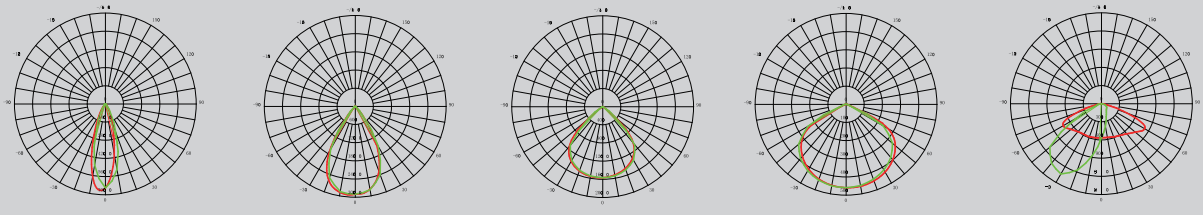
Part No.	Power	Voltage	Angle	Lumen	CCT	CRI	Dim	IP
LUX-FLD-50	50W	AC100-277V	30°/60°/90°/120°/85x135°	65,00Lm	4000K/5000K	70/80	Optional	67
LUX-FLD-100	100W	AC100-277V	30°/60°/90°/120°/85x135°	13,000Lm	4000K/5000K	70/80	Optional	67

Specification

Operating temperature	-30 ~ +45
Driver brand	Meanwell/SOSEN
LEDs brand	Lumileds 3030
Smart control options	DALI Dimming 1-10V Dimming
Materials	Structure: Extruded ADC12 Finish: Powder coated Lens: Polycarbonate
Color	Black/Grey/White
Mounting options	Bracket
.IES/.LDT file	Available



Light distribution curve



OPLUX

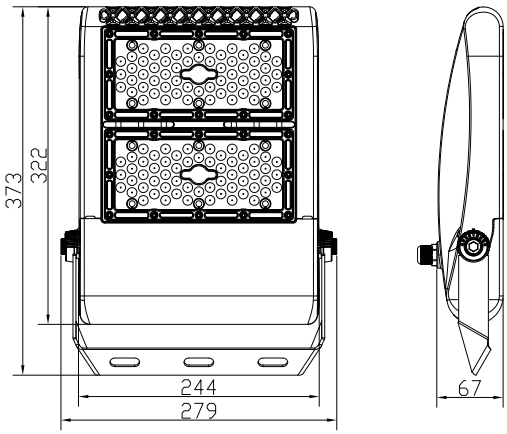
70W 150W

Product Parameter

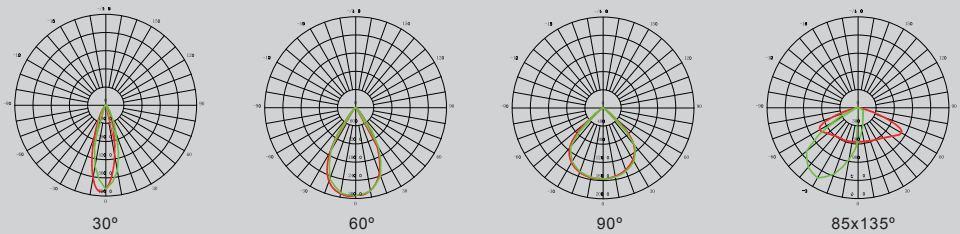
Part No.	Power	Voltage	Angle	Lumen	CCT	CRI	Dim	IP
LUX-FLD-70	70W	AC100-277V	30°/60°/90°/85x135°	10,500Lm	4000K/5000K	70/80	Optional	67
LUX-FLD-150	150W	AC100-277V	30°/60°/90°/85x135°	22,500Lm	4000K/5000K	70/80	Optional	67

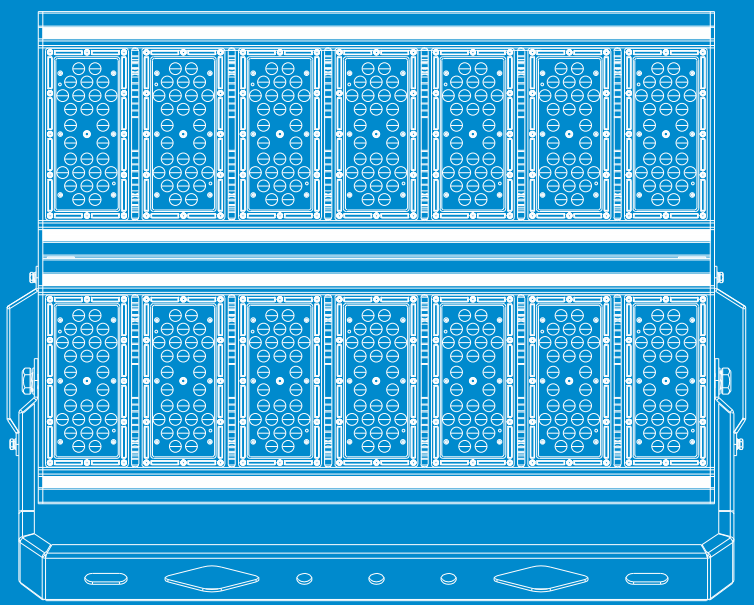
Specification

Operating temperature	-30 ~ +45
Driver brand	Meanwell/SOSEN
LEDs brand	Lumileds 5050
Smart control options	DALI Dimming 1-10V Dimming
Materials	Structure: Extruded ADC12 Finish: Powder coated Lens: Polycarbonate
Color	Black/Grey/White
Mounting options	Bracket
.IES/.LDT file	Available



Light distribution curve





OPBOX SERIES

OpBox LED flood light mainly designed for Area lighting and Sports lighting. Symmetric or asymmetric beam angles to satisfy the most application needs. The OpBox series is ideal illuminating for any outdoor area as well as dramatically reducing energy consumption.

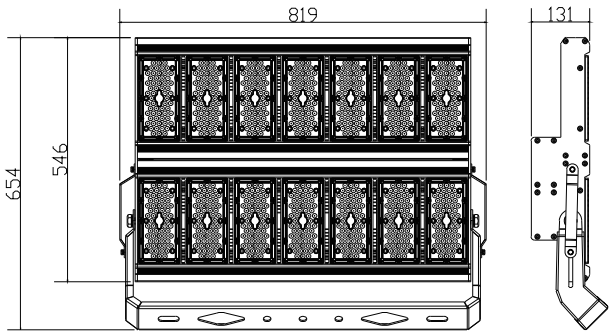
OPBOX
800W

Product Parameter

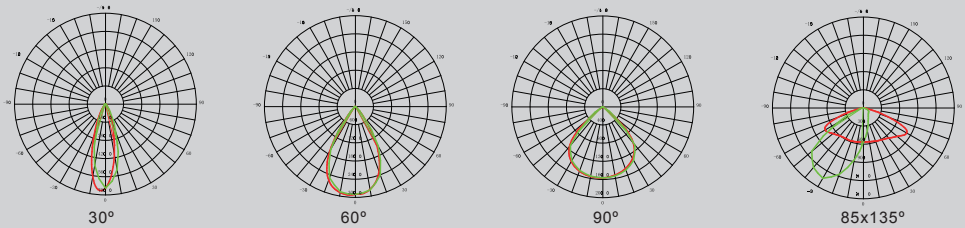
Part No.	Power	Voltage	Angle	Lumen	CCT	CRI	Dim	IP
LUX-FLB-800	800W	AC100-277V	30°/60°/90°/85x135°	11,2000lm	4000K/5000K	70/80	Optional	67

Specification

Operating temperature	-30 ~ +45
Driver brand	Meanwell
LEDs brand	Lumileds 5050
Smart control options	DALI Dimming 1-10V Dimming
Materials	Structure: Extruded ADC12 Finish: Powder coated Lens: Polycarbonate
Color	Black/Grey/White
Mounting options	Bracket
.IES/.LDT file	Available



Light distribution curve



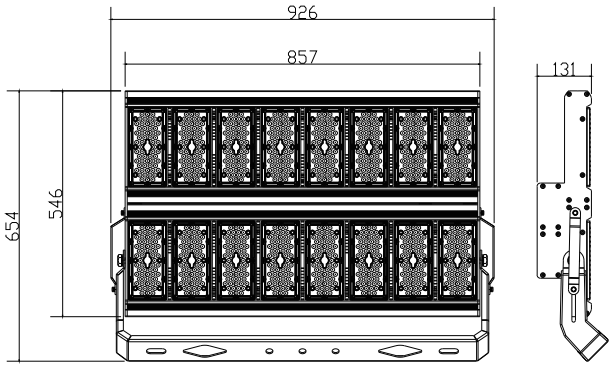
OPBOX
1000W

Product Parameter

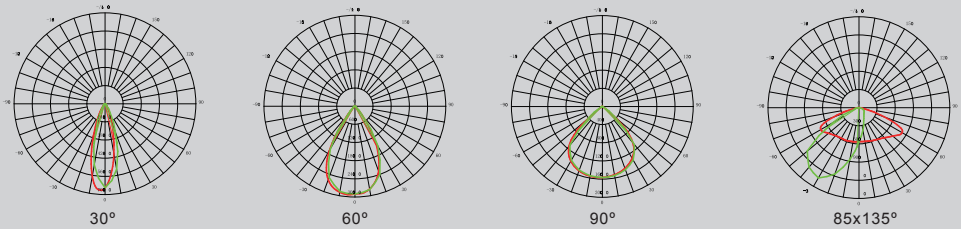
Part No.	Power	Voltage	Angle	Lumen	CCT	CRI	Dim	IP
LUX-FLB-1000	1000W	AC100-277V	30°/60°/90°/85x135°	14,0000lm	4000K/5000K	70/80	Optional	67

Specification

Operating temperature	-30 ~ +45
Driver brand	Meanwell/SOSEN
LEDs brand	Lumileds 5050
Smart control options	DALI Dimming 1-10V Dimming
Materials	Structure: Extruded ADC12 Finish: Powder coated Lens: Polycarbonate
Color	Black/Grey/White
Mounting options	Bracket
.IES/.LDT file	Available



Light distribution curve



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