

# HISKY LF

LED Linear Highbay Luminaire



**Applications:** Athletics facilities, retail, manufacturing, warehouses, hangars civic

## PERFORMANCE SUMMARY

Offering multiple packages from 8,400 to 42,000 lumens covering mounting heights from 12 to 30+ feet, the LF Series is the ideal solution for warehouses, gymnasiums, light manufacturing and open spaces where temperatures reach up to 122°F.

For high-bay spaces, Sunled's HiSky LF Series Linear High-Bay luminaire creates a safe, productive and appealing environment with outstanding efficacy, reliability and lifetime performance.

## Features

- Exceptional 140Lm/W operating efficiency
- Solid aluminium channel design for superior thermal performance even in warm ambient conditions
- Die cast thick gauge aluminium alloy construction
- Equipped with integral motion sensors and dimmable daylight control for optimal energy savings
- Separate optical and electrical compartment for improved thermal management and increased operational life.
- Standard clear lens provide 90° distribution while frosted acrylic provide 110° wide beam suitable for both aisle and large area lighting
- Suitable for multiple mounting applications
- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection

## Specification

Volts: AC100-277V/277-347V  
 Average Rated Life: 50,000hrs  
 Environment Location: IP20  
 Dimming: 0-10V  
 Ambient temp: -4°F to 122°F  
 Impact Rating: IK08 CRI: RA80  
 PF: >0.9

## PRODUCT CODE

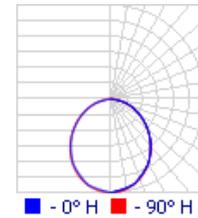
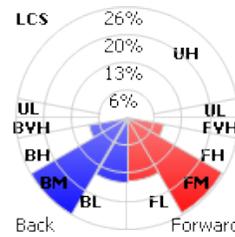
Example HiSky LF 100 cat. 2L.60.11.35.SS.RF

Model No	Length	Wattage (W)	Distribution	CCT (°K)	Mounting	Control
HiSky LF 100 100-277V	2L - 2'	60 - 60W/8,400 lms	9 - 90°	3 - 3000	S - Surface	EM - Emergency Battery Backup
		100 - 100W/14,000 lms	11 - 110°	35 - 3500	SS - Suspended	RF - Remote Control
		120 - 120W/16,800 lms		4 - 4000	R - Rod	DM - Daylight/Motion Sensor
		150 - 150W/21,000 lms		5 - 5000		0 - None
		180 - 180W/25,200 lms				
HiSky LF 347 277-347V	4L - 4'	100 - 100W/14,000 lms				
		150 - 150W/21,000 lms				
		200 - 200W/28,000 lms				
		250 - 250W/35,000 lms				
		300 - 300W/42,000 lms				



## PHOTOMETRICS

110° Distribution



## OPTIONS



**R**  
Rod Mounted



**DM**  
Daylight Motion Sensor



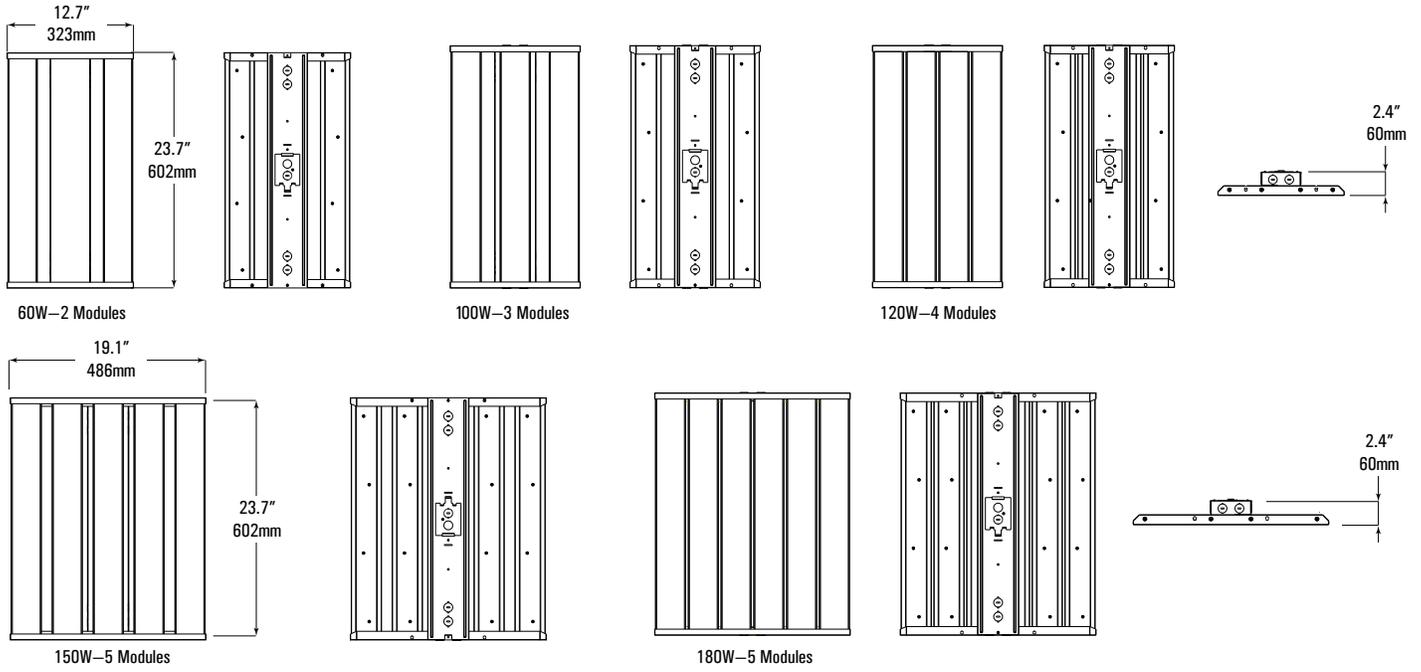
**SS**  
Suspended

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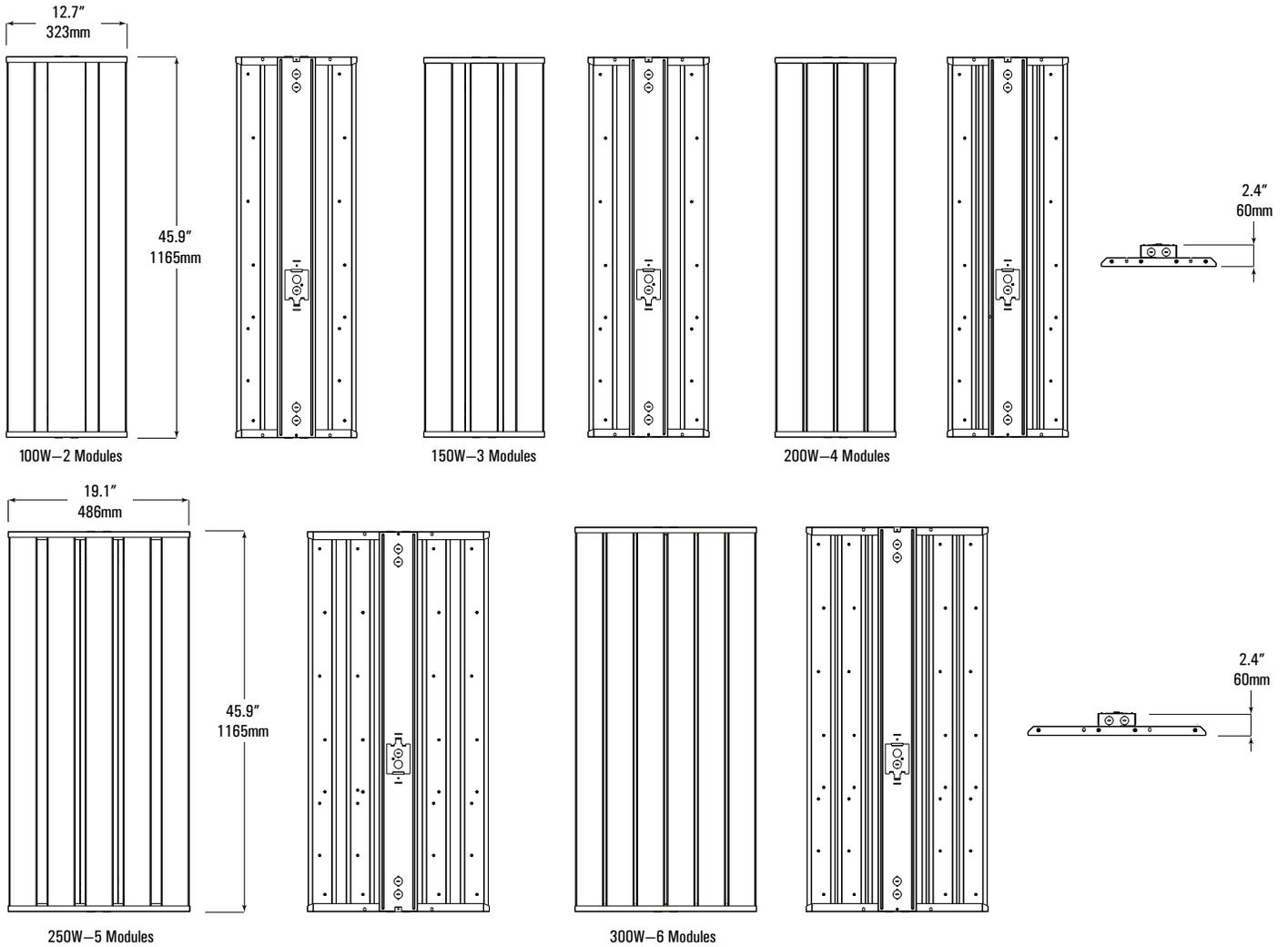
LED Linear Highbay Luminaire

## DIMENSIONS

2ft



4ft



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## DAYLIGHT/MOTION SENSOR (DM)

### Specification

- Automatic switching or dimming when used in combination with 1-10V dimmable LED drivers
- Built-in daylight sensor.
- 1-10V interface can match up with stand-alone daylight sensor and achieve daylight harvesting.
- Compact size
- Detection area, time delay and daylight threshold can be precisely set via DIP switch.
- Wide detection area, range up to 16m in diameter.
- Support higher mounting height 15m Max.
- Optional surface mounting and base mounting

### Detection Area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application

The function of linear high bay light with motion sensor is default as the following at delivery:

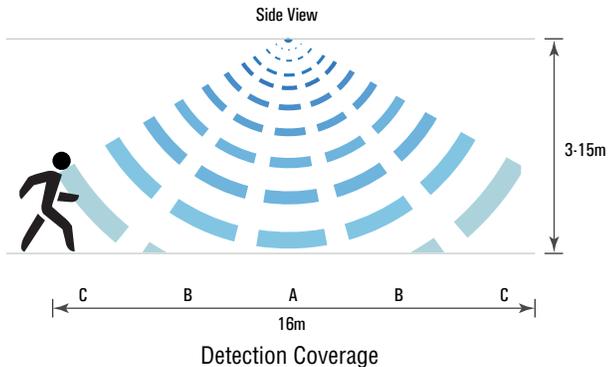
Sensitivity: 75%;

Full brightness time delay: 5MIN;

Light sensation: 50LUX;

Dimming brightness: 30%

Low brightness time: 30 MIN;



### Daylight Sensor

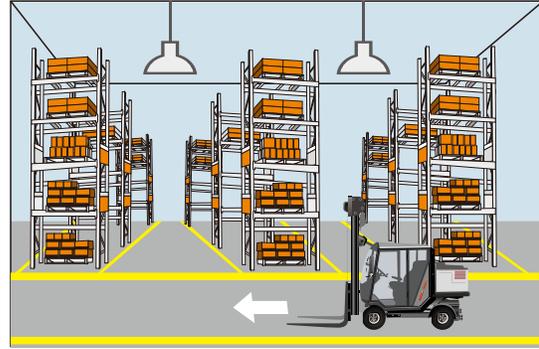
The linear high bay light with motion sensor which utilizes Doppler shift phenomenon to sense motion, Using the most popular 5.8GHz ISM band with high reliability, it won't be affected by noise, temperature, humidity. The detection signal can penetrate plastic, glass, wood panel and other thin non-metallic objects.

When integrated with an internal dimming system of the fixture, the light will only be switched on with insufficient ambient light. The application function can be conveniently set via remote control.

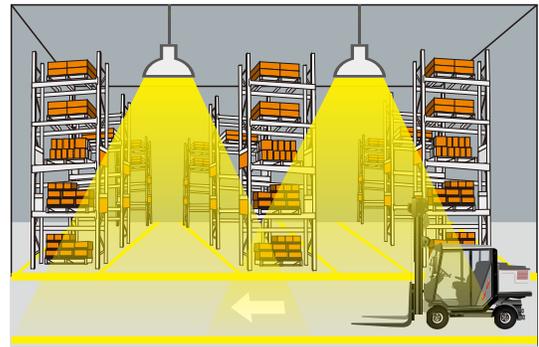
When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level. 50lux, 30lux: twilight operation, 10lux, 5lux: darkness operation only. Note that daylight sensor is active only when lamp totally switches off.

### Stand-by period

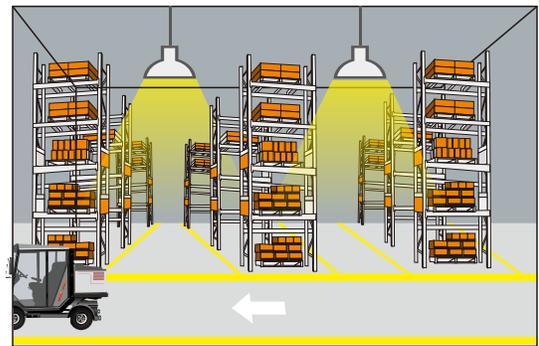
Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to standby mode, the low light is maintained until motion is detected.



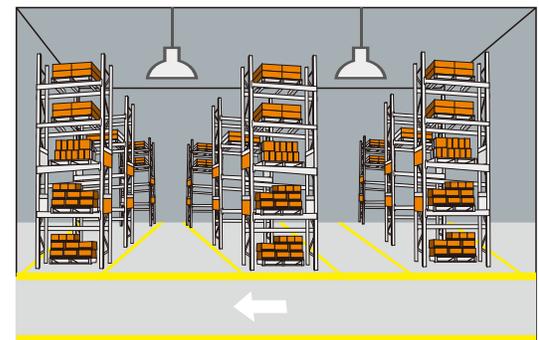
With sufficient ambient light, the lamp does not switch on.



With insufficient ambient light, the lamp switches on when motion is detected.



After hold time, the lamp dims to a low light level if no new motion trigger.



After stand-by period, the lamp switches off if no motion is detected in its detection zone.

