HISKY LF

LED Linear Highbay Luminaire

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

PERFORMANCE SUMMARY

Offering multiple packages from 9,030 to 60,600 lumens covering mounting heights from 10 to 50 feet, the LF Series is the ideal solution for warehouses, gymnasiums, light manufacturing and open spaces where temperatures reach up to 131°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.

Construction

- Compact, die cast aluminium construction and light weight body
- Solid aluminium channel design for superior thermal performance even in warm ambient conditions
- Contractor friendly design reduces installation time and labor costs
- Separate optical and electrical compartment for improved thermal management and increased operational life.
- V-Hook 4ft chain suspended included as standard with aircraft cable options available

Optical

- Frosted optics provide uniformity and optimal UGR for comfortable illumination and increased spacings
- 129-156 Lm/W operating efficiency
- CRI > 80

Electrical

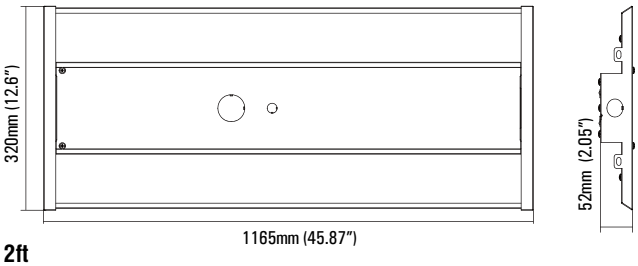
- Twist on plug and play motion sensors or bluetooth mesh system available for optimal energy savings
- Driver features over-voltage, under-voltage, short-circuit and over temperature protection
- AC120-277V or AC347-480V
- Average rated life 70,000hrs IES LM-70
- Operating Temperature: -40°F to 131°F
- 0-10V dimming standard
- THD: <20%; PF >0.9

Specification	
Lumen Package	9,030 - 60,600
Wattage Range	70 - 410
Efficacy	129 - 156
Weight lbs (kg)	16.05 (7.28) - 24.6 (11.2)

DIMENSIONS

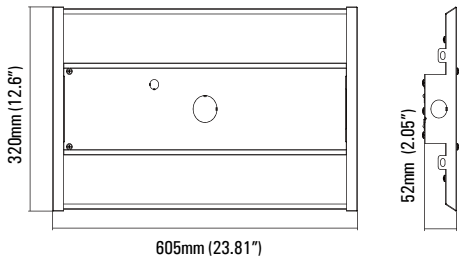
4ft

Weight (May vary with accessories)
24.6lbs (11.2kg)



2ft

Weight 16.05lbs (7.28kg)



PRODUCT CODE

Example HiSky LF cat. UNV.2.110+PS.0.50.CS.0

Model	Voltage	Dimension	Wattage (W)	Sensor	CCT (°K)	Mounting	Accessories
HiSky LF	UNV AC120-277V 480 AC347-480V	2 - 2ft	110 - 110W/15,400L 160 - 160W/22,400L 220 - 220W/30,800L +PS - Power Selectable	MS - Motion Sensor BT - Bluetooth Mesh RCn[1] - Remote Control 0 - None	35 - 3500K 40 - 4000K 50 - 5000K 345 - CCT Changeable 3500/4000/5000K	CS - Chain Suspended AAC5 - 5ft Aircraft Kit AAC10 - 10ft Aircraft Kit AAC15- 15ft Aircraft Kit AAC20- 20ft Aircraft Kit V - V-Hook	E1 - 15W/90min Emergency (Up to 110W) E2 - 25W/90min Emergency (Up to 225W) E3 - 40W/90min Emergency (Up to 410W) WG - Wireguard 0 - None
		4 - 4ft	220 - 220W/30,800L 300 - 300W/42,000L 410 - 410W/60,600L +PS - Power Selectable				

SUNLED INDUSTRIES

100 Duffy Ave, Hicksville NY 11801 . Phone: 917.563.7078 . www.sunledind.com

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ADJUSTABLE OUTPUT

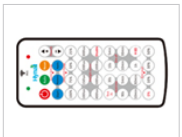
Setting	110W		160W		220W		300W		410W	
	System	Lumens[1]	System	Lumens[1]	System	Lumens[1]	System	Lumens[1]	System	Lumens[1]
High	110W	14,190Lm	160W	20,640Lm	220W	28,380Lm	300W	38,700Lm	410W	60,600Lm
Medium	90W	11,610Lm	140W	18,060Lm	190W	24,510Lm	260W	32,250Lm	328W	50,000Lm
Low	70W	9,030Lm	120W	15,480Lm	160W	20,640Lm	220W	28,380Lm	246W	38,400Lm

[1]Initial delivered lumens at 25˚C (77˚F). Actual production yield may vary between -10 and +10% of initial delivered

SENSOR

MS
Motion
Sensor

BT
Bluetooth
Mesh



RCn[1]
Remote
Control

NOTES

[1]R using with sensor that can be used for programming (at least one per job site) 'n' denotes quanity required
[2]Consult factory for DLC options

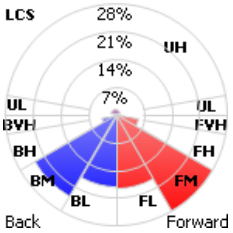
MOUNTING

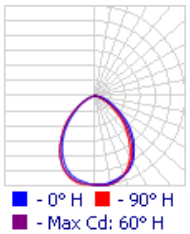
AACx
Aircraft
Kit

CS
Chain
Suspended

V
V Hook

PHOTOMETRICS





MeshNET

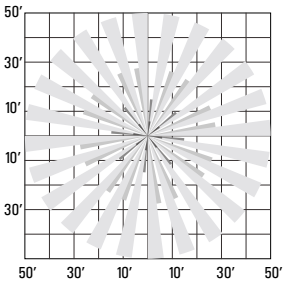
MeshNET is a Bluetooth mesh network utilising plug and play sensors ideal for Luminaire Level Lighting Control (LLLC/NLC5) applications. Featuring integrated daylight harvesting and PIR motion sensors, the MeshNET platform is designed for quick and easy deployment in a wide variety of indoor and outdoor luminaires making it an invaluable tool for complying with building and energy codes.

Sensors are equipped with the AlgoH² algorithm to maximize detection in high mounting points at up to 50ft without false triggers

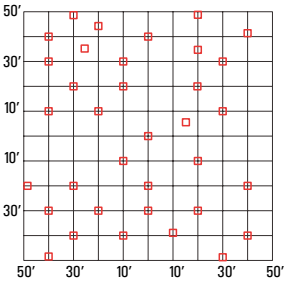
Benefits

- Plug and play installation features quick and easy deployment
- Bluetooth mesh network technology
- AlgoH² algorithm enhances performance in high mounting applications
- Built in analog PIR sensor with daylight harvesting
- Replacable lens
- Compliant in meeting state local energy and building codes in new construction and renovation projects

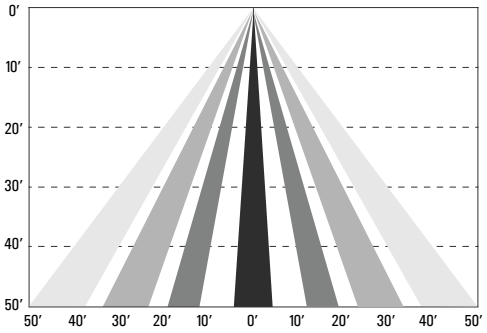
Top View



Detection Points



Side View



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