



LH301 LINEAR HIGH BAY LIGHT

The LH301 Linear High Bay Light is a linear LED luminaire that blends performance and versatility. Powered by Osram Optotronic LED driver and Samsung LEDs offer best-in-class lumen efficacy at ~160 lm/W and is offered in 6 lumen packages, along with a multitude of mounting, lens and control options.

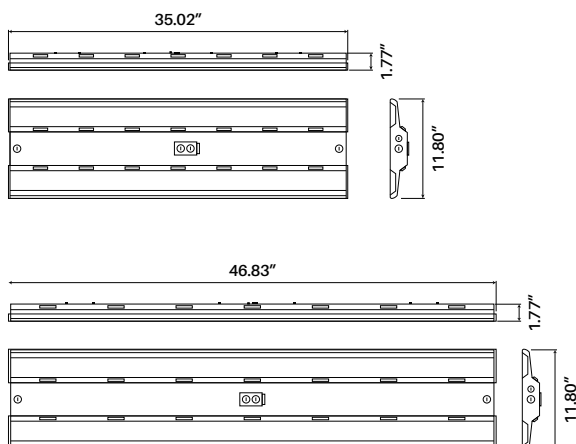
APPLICATIONS

- Warehouse
- Distribution Center
- Manufacturing Plant
- Gymnasium
- Auditorium
- Convention Center
- Exhibition Hall

FEATURES

- Powered by Samsung LED and Osram Driver
- Compact and lightweight for easy installation
- Surge-protected
- Emergency backup battery compatible
- Occupancy sensor compatible
- Replaces 175~750W HID (MH, HPS) and (2~12) T5HO fluorescent bay lighting fixtures at various heights

DIMENSIONS



CERTIFICATION



Product	
Catalog No.	
Fixture Type	Notes

SPECIFICATION SUMMARY

Category	Specification	Data
Category Performance	Wattage	80W/ 100W/ 120W/ 160W/ 190W 240W/ 320W/ 360W
	Delivered Lumens	12,800 ~61,400 lm
	Lumen Efficacy	~170lm/W
	Color Temperature	4000K/ 5000K
	CRI (Ra)	>80
	Beam Angle	120°
Electrical	Input Voltage	AC120-277V (Optional: 347-480V)
	Dimming	0-10V Standard
	Power Factor	0.95
	Surge Protection	6kV line-line
Physical	Housing	Aluminum
	Lens Option	Clear/ Frosted
	Operation Temperature	-22°F to 122°F
	IP Rating	IP20
	Mounting Options	Chain/ Pendant

LIFESPAN AND WARRANTY

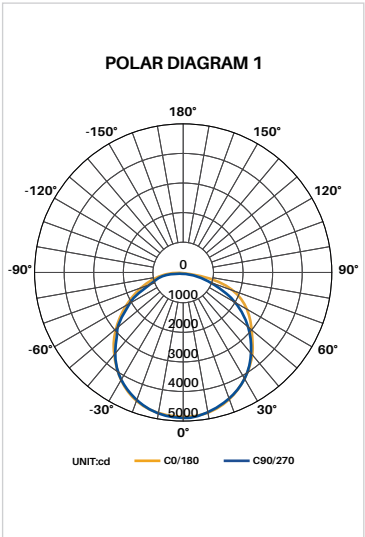
Rated Life	60,000 Hrs
Warranty	5 Years
Certification	UL, cUL, DLC Premium, FCC

PERFORMANCE DATA

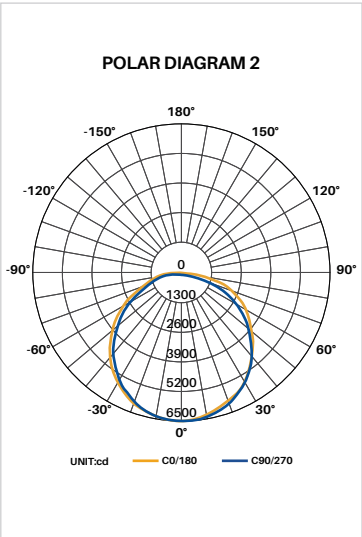
SKU	Wattage	Efficacy	Lumens
LH301-03080UC50	80W	160 lm/W	12,800
LH301-03100UC50	100W	160 lm/W	16,000
LH301-03120UC50	120W	160 lm/W	19,200
LH301-03160UC50	160W	160 lm/W	25,600
LH301-03190UC50	190W	160 lm/W	30,400
LH301-04240UC50	240W	160 lm/W	38,400
LH301-04320UC50	320W	160 lm/W	51,200
LH301-04360UC50	360W	170 lm/W	61,400

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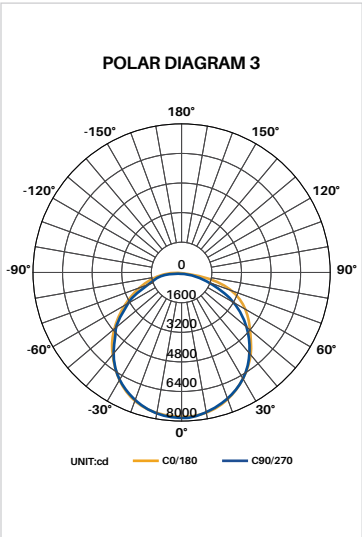
PHOTOMETRY



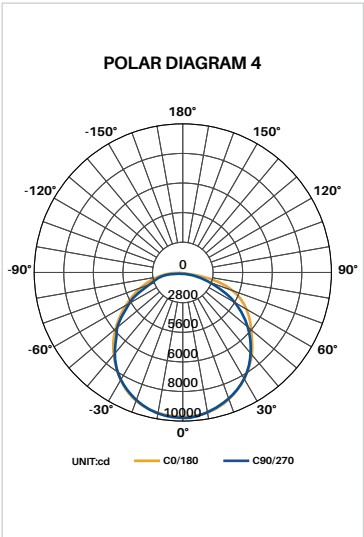
LH301-03080UC50



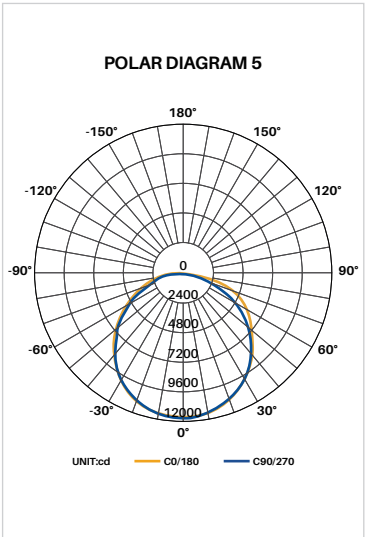
LH301-03100UC50



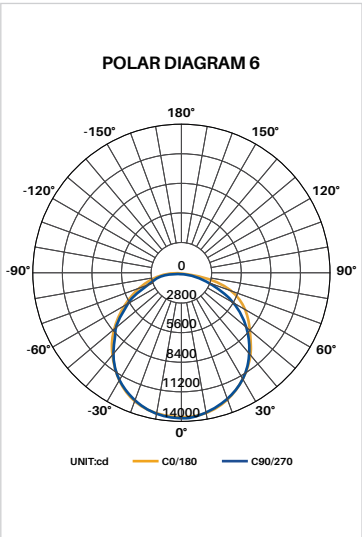
LH301-03120UC50



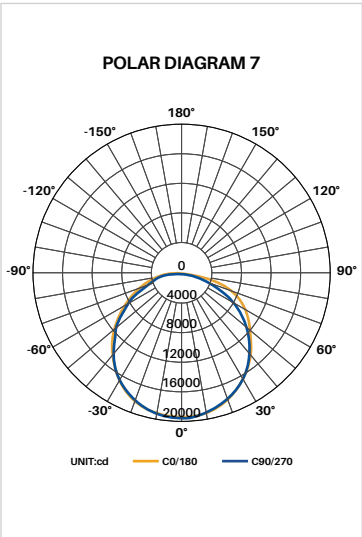
LH301-03160UC50



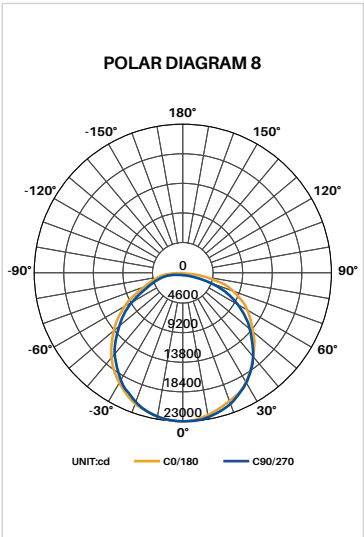
LH301-03190UC50



LH301-04240UC50



LH301-04320UC50



LH301-04360UC50

ZONAL LUMEN SUMMARY

Zone (°)	Lumen (lm)
0 - 10	401.4
10 - 20	1159.06
20 - 30	1781.17
30 - 40	2179.93
40 - 50	2266
50 - 60	1934.2
60 - 70	1254.8
70 - 80	486.37
80 - 90	68.46

LH301-03080UC40

Zone (°)	Lumen (lm)
0 - 10	631.43
10 - 20	1824.42
20 - 30	2803.27
30 - 40	3422.66
40 - 50	3576.18
50 - 60	3046.64
60 - 70	1979.72
70 - 80	767.43
80 - 90	106.2

LH301-03120UC40

Zone (°)	Lumen (lm)
0 - 10	836.67
10 - 20	2417.23
20 - 30	3715.67
30 - 40	4534.38
40 - 50	4729.97
50 - 60	4016.4
60 - 70	2585.38
70 - 80	1007.58
80 - 90	138.17

LH301-03160UC40

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MOUNTING OPTIONS



Chain Mount



Pendant Mount

CONTROL OPTIONS



Emergency Backup Battery



Occupancy Sensor

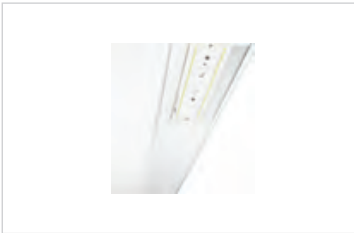
Accessories



Pendant Mount
(Junction Box Type)



Chain Hanger



Diffuser Lens



Cord: 6FT/12FT

ORDERING INFORMATION

Series SKU	Size	Wattage	Voltage	CCT	Lens	Mounting (Optional)	Accessories (Optional)
LH301	03: 3FT	80: 080 Watts 100: 100 Watts 120: 120 Watts 160: 160 Watts 190: 190 Watts	U: 120-277V H: 347-480V	40: 4000K 50: 5000K	F: Frost C: Clear	CM: Chain Mount PM: Pendant Mount	EB: Emergency Backup OS: Occupancy Sensor CR6: 6F CR12: 12FT
	04: 4FT	240: 240 Watts 320: 320 Watts 360: 360 Watts					

Example: LH301-03080U-40FCMEB
Lead times will vary depending on options selected.
Consult with your sales representative.

MISCELLANEOUS

CONSTRUCTION:
INSTALLATION:
OPTICS:
LISTINGS:
ELECTRICAL:
GOVERNMENT PROCUREMENT:

NOTE