

PROJECT INFORMATION

Project Name	Type
Catalog #	Date

OPTI-BAY – HIGH BAY LUMINAIRE (LOW GLARE/UGR)



APPLICATIONS

- Industrial & Manufacturing
- Aviation/Space Facilities
- Automotive Manufacturing
- Convention Centers
- Sports Arenas
- Indoor Sports Courts
- Wholesale-Retail Spaces

APPROVALS

- Complies with UL 1598 and CSA C22.2
- Suitable for damp locations
- BAA Compliant
- RoHS Compliant
- ATAL Tested www.ata-labs.com

As shown: OBL-27000L-40K-DIM-90B-WH



FEATURES

- Lumen packages ranging from 13000L to 50000L
- 90-degree glare control optics
- UGR ranges from 9-16, varies based upon optic & lumen package
- 80 CRI standard, 90 CRI available
- Energy efficient design
- Modular design for ease of service
- Toolless entry driver compartment

CONSTRUCTION

- 22-gauge, white pre-painted steel is standard
- Housing available in white, black, and custom color
- Acrylic 90° optics paired with Black or White polycarbonate glare control shade

ELECTRICAL

- Voltage: 120-277V or 347-480V AC input
- Driver: Class 2, constant current, calibrated to lumen packages (0-10V dimming standard)
- Operating temperature: -40°C to +50°C (-40°F to +122°F)
- Lumen Maintenance (L70): >102,000 hours @ 25°C

CONTROLS

- On/off occupancy and smart sensors available
- Consult factory for other control options

MOUNTING

- Adjustable aircraft cable mount ready, with optional pendant mount available.

WARRANTY

- Backed by XtraLight's limited 5-year warranty.

ORDER LOGIC

SAMPLE CATALOG NUMBER: OBL-27000L-40K-DIM-90B-WH

OBL						
	MODEL	CCT	DRIVER	LENS/OPTICS¹	FINISH	OPTIONS
	13000L	30K 3000K	DIM Dim 0-10V, 120-277V	90B 90° Black	WH White	EM Emergency Battery Back-Up
	27000L	35K 3500K		90W 90° White	BK Black	SDT Self-Testing Emergency Battery Back-Up
	38000L	40K 4000K	48D Dim 0-10V, 347-480V		CC Custom Color	EM20 20W Emergency Battery Back-Up
	50000L	50K 5000K				OS Occupancy Sensor
	CUS¹					S2 Smart Sensor, 8'H/48'D
						S3 Smart Sensor, 20'H/40'D
						S7 Smart Sensor, 40'H/100'D
						PND12² 1/2 Pendant Mount
						PND34³ 3/4 Pendant Mount
						WG Wire Guard
						XX⁴ SOOW Black Cord (XX=Lenght In Feet)
						90C 90CRI
						10Y 10 Year Warranty

1. Custom lumen options available.

2. PND available in 1/2" NPT. Down rod by others.

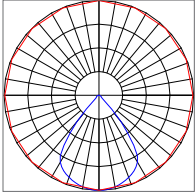
3. PND available in 3/4" NPT. Down rod by others.

4. Consult factory for cord/plug options.

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OBL

ISO LINES



PHOTOMETRIC DATA

MODEL	WATTAGE	OPTICS	UGR	3000K		3500K		4000K		5000K	
				LUMENS	EFFICACY	LUMENS	EFFICACY	LUMENS	EFFICACY	LUMENS	EFFICACY
13000L	89	WH	15	12498	140	12628	142	13019	146	13149	148
	89	BL	9	10564	119	10674	120	11004	124	11114	125
27000L	185	WH	16	26112	141	26384	143	27200	147	27472	148
	185	BL	11	22071	119	22300	121	22990	124	23220	126
38000L	264	WH	13	36885	140	37269	141	38422	146	38806	147
	264	BL	12	31176	118	31501	119	32475	123	32800	124
50000L	362	WH	14	48329	134	48833	135	50343	139	50846	140
	362	BL	13	40849	113	41275	114	42551	118	42977	119

OPERATING TEMPERATURES

STANDARD

MODEL	CELSIUS	FAHRENHEIT
13000L	-40°C to +50°C	-40°F TO +122°F
27000L	-40°C to +50°C	-40°F TO +122°F
38000L	-40°C to +50°C	-40°F TO +122°F
50000L ¹	-40°C to +40°C	-40°F TO +104°F

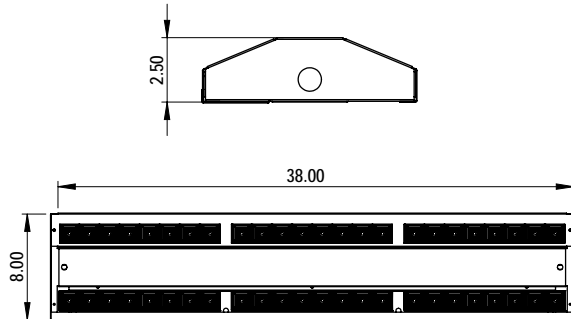
1. 50000L model available in 50°C.

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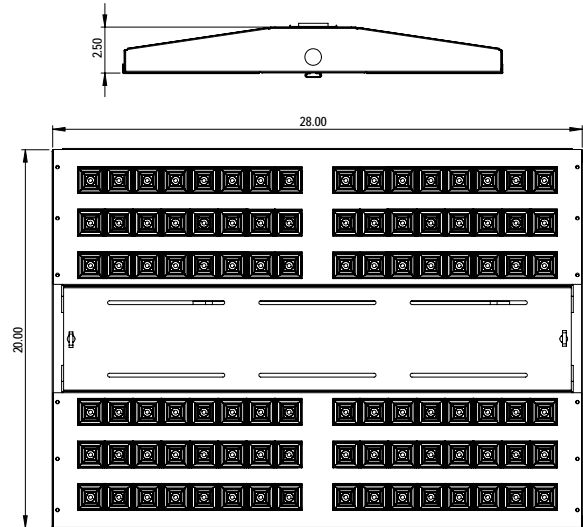
DIMENSIONAL DATA

STANDARD SIZES

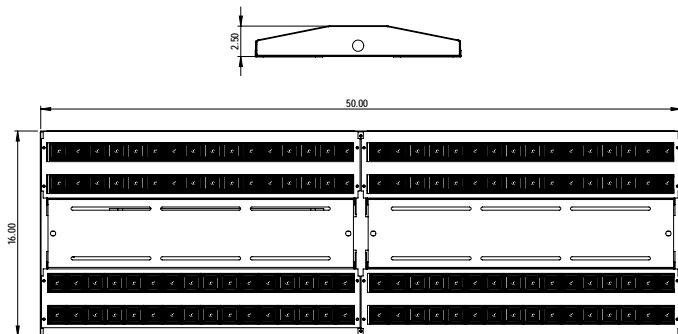
13000L MODEL



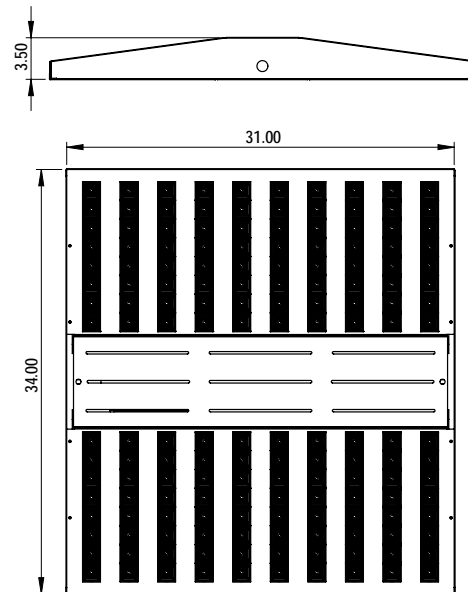
27000L MODEL



38000L MODEL



50000L MODEL



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DIMENSIONAL DATA OPTION MODIFICATIONS

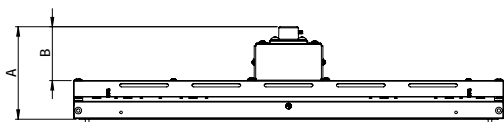
STANDARD SIZES

48D



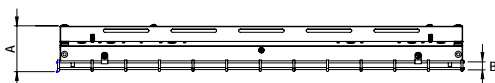
DIMENSIONS	A	B
13000L	4.8" (121.9mm)	2.3" (57.2mm)
27000L	4.8" (121.9mm)	2.3" (57.2mm)
38000L	4.8" (121.9mm)	2.3" (57.2mm)
50000L	5.8" (147.3mm)	2.3" (57.2mm)

PND



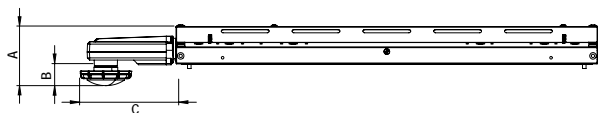
DIMENSIONS	A	B
13000L	5.4" (137.2mm)	2.9" (73.5mm)
27000L	5.4" (137.2mm)	2.9" (73.5mm)
38000L	5.4" (137.2mm)	2.9" (73.5mm)
50000L	6.4" (162.6mm)	2.9" (73.5mm)

WG



DIMENSIONS	A	B
13000L	3.0" (76.2mm)	0.5" (12.7mm)
27000L	3.0" (76.2mm)	0.5" (12.7mm)
38000L	3.0" (76.2mm)	0.5" (12.7mm)
50000L	4.0" (101.6mm)	0.5" (12.7mm)

SENSOR



DIMENSIONS	A	B	C
13000L	3.7" (93.9mm)	1.2" (30.5mm)	5.4" (137.2mm)
27000L	3.7" (93.9mm)	1.2" (30.5mm)	5.4" (137.2mm)
38000L	3.7" (93.9mm)	1.2" (30.5mm)	5.4" (137.2mm)
50000L	4.7" (119.4mm)	1.2" (30.5mm)	5.4" (137.2mm)

ACCESSORIES (SOLD SEPARATELY)

ADJUSTABLE CABLE

MS0199	5 FT
MS0214	10 FT
MS1680	15 FT
MS1716	20 FT

DESCRIPTION

- Adjustable cable is intended to be used with the adjustable cable hanger plate (ACH)
- Must select ACH in order logic
- Tool-less adjustment and reduced installation time

