

LED HIGH BAY LIGHT

LumBAYCORE

The LumBAYCORE LED High Bay is a slim-profile, high-performance luminaire engineered to simplify specification, installation, and inventory management—without compromising value. Competitively priced and designed for versatility, LumBAYCORE features field-switchable wattage and color temperature, along with two mounting options, allowing it to adapt on site to evolving project requirements. This makes it a smart, stocking-friendly solution for distributors, contractors, and national account programs.

Available in two fixture sizes with optional controls and battery backup, LumBAYCORE delivers exceptional flexibility across a wide range of applications, including warehouses, distribution centers, manufacturing facilities, gymnasiums, and retail back-of-house spaces. Its adaptable platform enables one luminaire to address virtually all high bay lighting needs, making it ideal for both new construction and retrofit projects.

Built for performance and long-term value, LumBAYCORE combines proven LED technology, efficient thermal management, and durable construction to provide consistent illumination and extended service life—while remaining cost-effective for large-scale installations.

FEATURES

CONSTRUCTION

- Driver accessible for ease of maintenance.
- Adjustable wattage and color temp via easy access dip switches
- Standard 4KV Surge Protection
- 0-10v Dimming Driver
- 80+ CRI
- Hook Mounting Standard

LISTING

- UL and cUL Listed
- DLC Listed Premium
- 5 Year Warranty

HOUSING

- Quality Steel housing
- Superior thermal management for extended fixture life and reliable performance
- Easy access to wiring and electrical compartment

FINISH

- 3mil applied for superior corrosive/environmental protection
- White Finish standard

LENS

- Frosted Polycarbonate Lens
- Type V optics standard

OPTIONS

- Alternative 277v-480v driver
- Occupancy Sensor (External)
- Emergency Battery Back Up



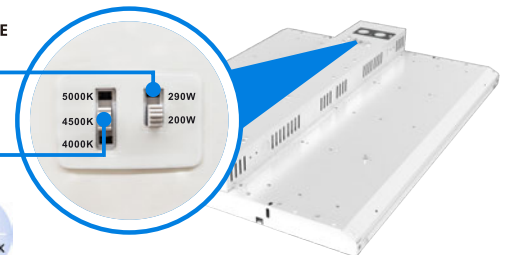
LBC2



LBC1

2 WATTAGE ADJUSTABLE
200 / 290W

3 CCT ADJUSTABLE
4000K / 4500K / 5000K



SPECIFICATIONS

Lumen Package (LM):	Up to 40350 lumens
Wattage Range (W):	125 to 290 watts
Efficacy Range (LPW):	Up to 163 LPW
Product Weight:	7.2LBS(LBC1) / 10LBS(LBC2)
Carton LBS:	2.1LBS(LBC1) / 2.4LBS(LBC2)

Specialized expertise and focus on ESCOs, national accounts and distributor partnerships
Call 866-458-6372 for assistance.

ORDERING GUIDE



Series	Wattage	CCT	Distribution
LBC1 LumBAYCORE LBC2 LumBAYCORE	A1 125 / 180 watts ¹ A2 200 / 290 watts ²	A 4000/4500/5000K	5 Type V(Standard)

Voltage	Mounting	Color	Controls-Options
U Universal 120-277V H High voltage 277-480V	V V Hook (Standard) P Pendant ³	WH White	OC Occupancy Sensor PIR EM Emergency Battery Backup 20 watt

Foot Notes:

- 1 For LumBAYCORE 1 only
- 2 For LumBAYCORE 2 only
- 3 Pendants by others ½" Conduit KO

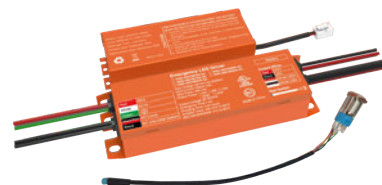
OPTIONS AND ACCESSORIES



LBC1/2-RC
(ACCESSORY)



Occupancy Sensor
(OPTION)

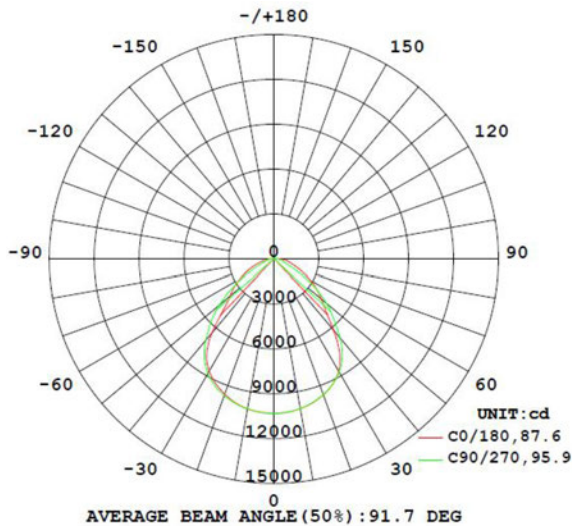


Emergency Battery Backup
(OPTION)

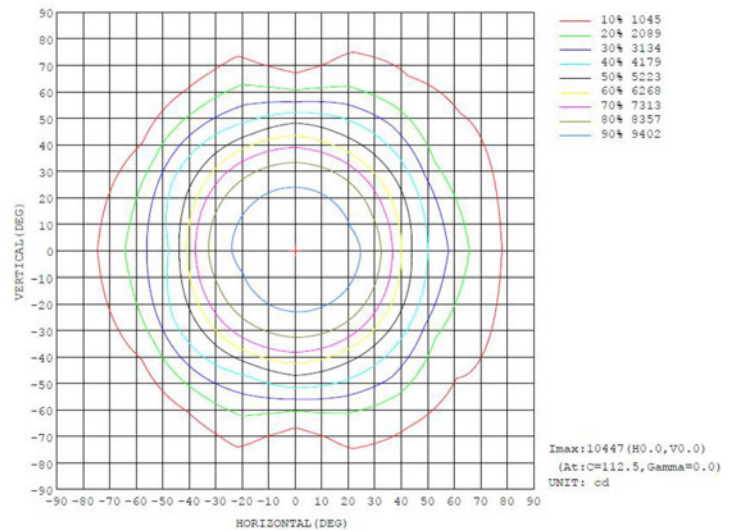
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DISTRIBUTION

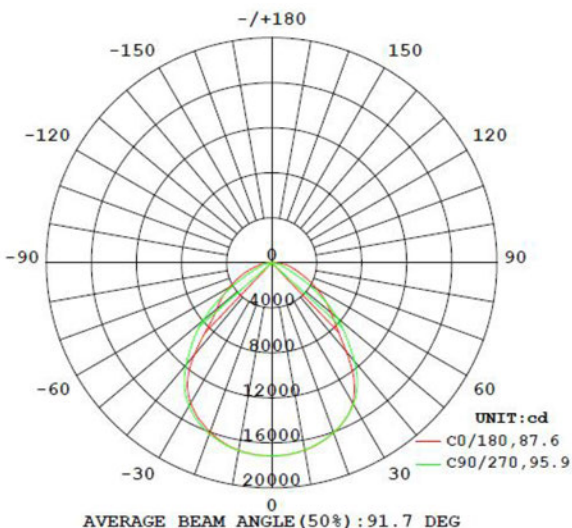
180W-4000K Luminous Intensity Distribution



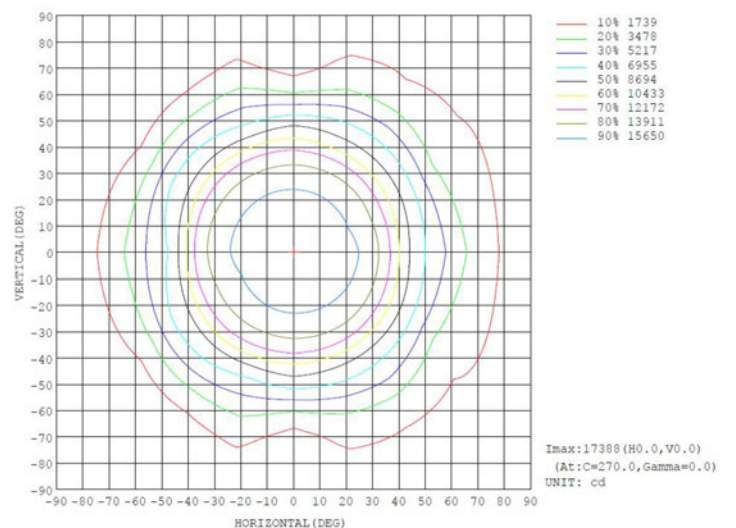
180W-4000K Isocandela Diagram



290W-4000K Luminous Intensity Distribution



290W-4000K Isocandela Diagram



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PERFORMANCE DATA

Performance Data			4000K					4500K					5000K				
Lumen Package	Distribution	CRI	Delivered Lumens	Efficacy (LPW)	BUG Rating			Delivered Lumens	Efficacy (LPW)	BUG Rating			Delivered Lumens	Efficacy (LPW)	BUG Rating		
					B	U	G			B	U	G			B	U	G
125 watts	5 Type V	80	17733	141	4	2	2	18978	159	4	2	2	18401	146	4	2	2
180 watts	5 Type V	80	23037	132	4	2	2	24655	149	4	2	2	23905	137	4	2	2
200 watts	5 Type V	80	28236	148	4	2	2	29712	163	5	2	3	28569	149	5	2	3
290 watts	5 Type V	80	38345	132	5	2	3	40350	146	5	2	3	38797	133	5	2	3

LUMEN MAINTENANCE TESTING DATA

LUMINAIRE AMBIENT TEMPERATURE FACTOR(LATF)		
Ambient Temp		Lumen Multiplier
(°C)	(°F)	
0°C	32°F	/
10°C	50°F	/
20°C	68°F	/
30°C	77°F	99%
40°C	86°F	98%
50°C	104°F	96%

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ELECTRICAL DATA

Nominal Wattage	Input Voltage	Current Amps
125 watts	120	1.04
	208	0.6
	240	0.52
	277	0.45
	347	0.36
	480	0.26
180 watts	120	1.5
	208	0.87
	240	0.75
	277	0.65
	347	0.52
	480	0.38

Nominal Wattage	Input Voltage	Current Amps
200 watts	120	1.67
	208	0.96
	240	0.83
	277	0.72
	347	0.58
	480	0.42
290 watts	120	2.42
	208	1.39
	240	1.21
	277	1.05
	347	0.84
	480	0.6

SENSOR OPERATIONS

Functions and Options

Offers 4 levels of light control: dim modes (0, 10%, 30%, 50%) full brightness (100%) dim modes (0, 10%, 30%, 50%) off.

It supports selectable waiting periods including motion hold time and a 24-hour cycle, an adjustable daylight threshold, and flexible detection area settings.

When the natural light level falls below the light-control threshold (10Lux, 30Lux, 50Lux), the lamp will not turn on automatically at dim levels (0, 10%, 30%, 50%).

Once a person enters the room, the light switches to 100% brightness. After the person leaves and the set hold time elapses, the light reverts to semi-dim brightness.



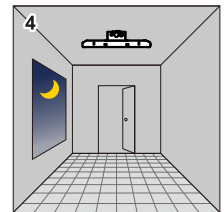
With sufficient natural light, the light does not switch on when presence is detected.



With insufficient natural light, the sensor automatically turns the light on when a person enters the room; the light switches to the selectable standby brightness level. The lamp never switches off while presence is detected, even if natural light becomes sufficient.



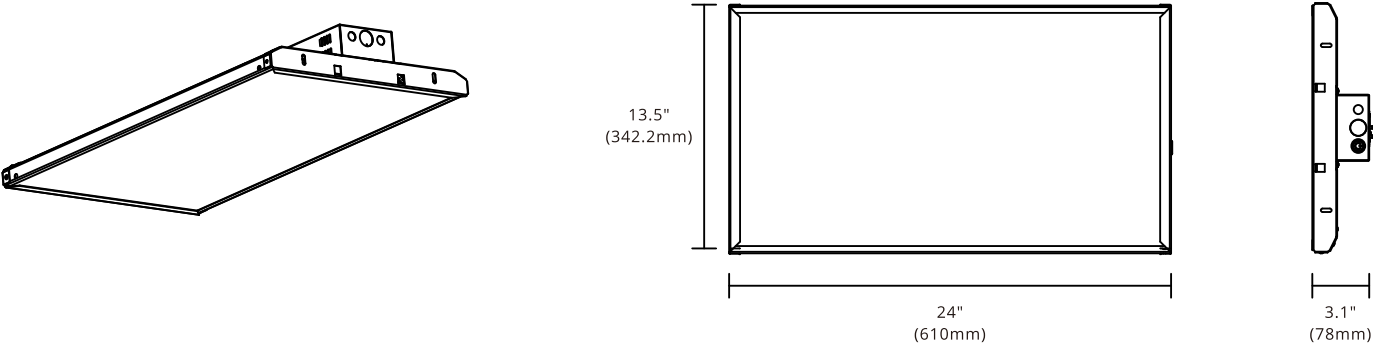
After people leave, the light dims to a selectable standby level (0/10%/20%/30%) once the hold time expires.



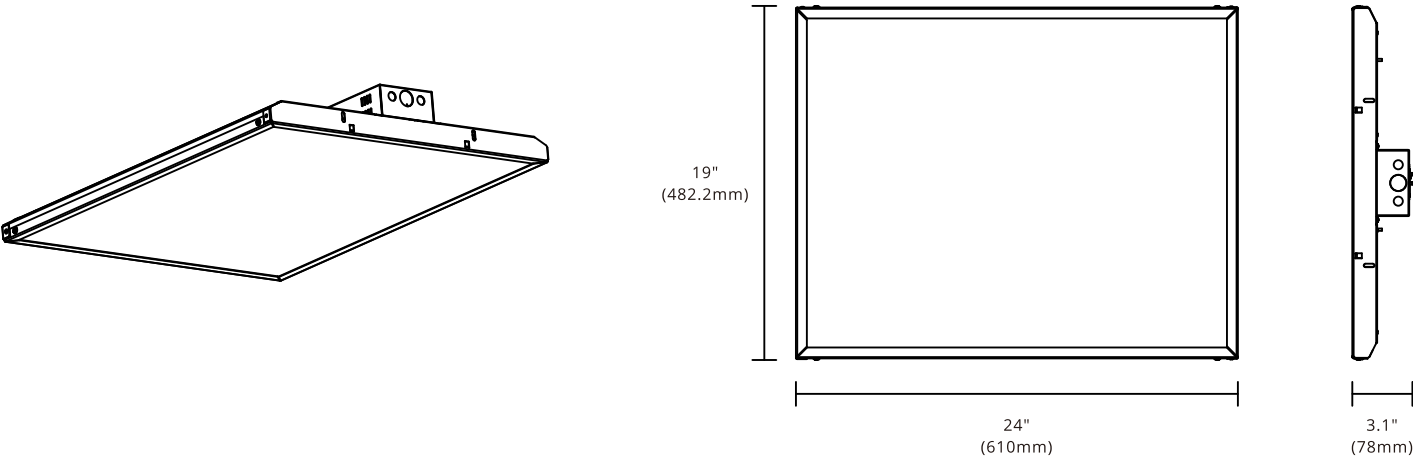
The light switches off automatically after the dimming time elapses.

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DIMENSIONS



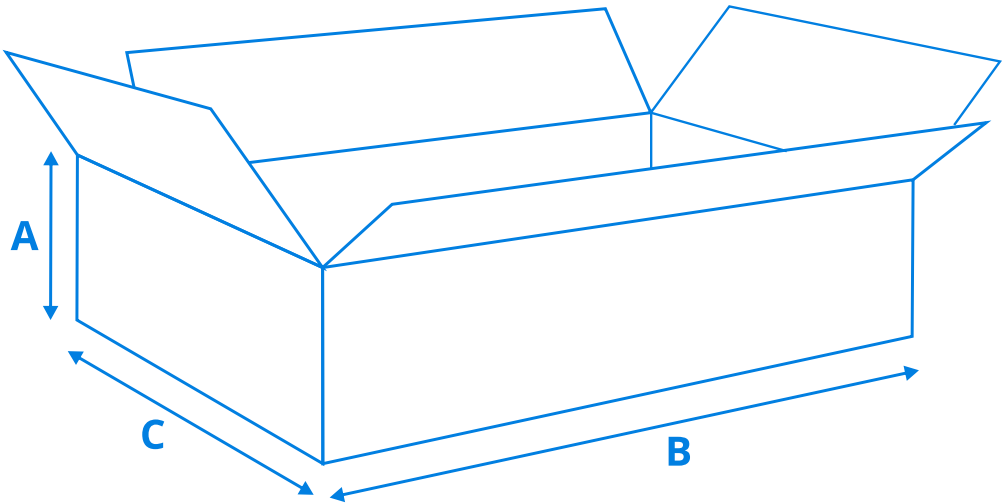
LumBAYCORE 180 watt



LumBAYCORE 290 watt

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CARTON DIMENSIONS



Weights	Master Carton				
Fixture Size	Carton Pack	Total Weight LBS	Height A	Width B	Depth C
180W	1pc/ctn	9.3	26 1/4"	15 5/8"	5"
290W	1pc/ctn	12.4	26 1/4"	21"	5"

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