Client:	
Order #:	
Project:	
Type:	

DESCRIPTION

The CoreBay series is a rugged, reliable, versatile and durable compact Linear high bay. The specially designed optical system can effectively reduce glare and provide comfortable illumination effect. The use of reliable and durable die-cast housings contributes to longer service life and increased efciency. The CoreBay also offers eldadjustable lumen output in four gears: 100%, 80%, 60%, 40%; CCT options are available in two color temperatures, 4000K and 5000K. Both are operated by a simple DIP switch. This will signicantly reduce the customer's SKU and thus achieve a budget-friendly purpose.

FEATURES

• The rugged, one-piece die-cast aluminum housing features a rock-solid quality and performance.

• The LED module and driver are I-separated and extend service life through convection cooling, thermal management.

• The compact design saves labor cost and improves installation efciency.

• Innovative contractor-friendly packaging makes installation faster.

• Light engines are available in color selectable version, the CCT can be changed to two CCTs (4000K, 5000K).

• Scalable Lumen Packages from 8,200 to 37,000 Lumens.

• Prismatic translucent lens is designed to shape the light uniformity and controls the glare light.

• Optional for aisle lens has an asymmetric distribution for aisle or rack areas.

PERFORMANCE DATA

CRI

80+

CCT

4000K, 5000K

Projected Lifetime

>134,000 Hours (L70)
>40,000 Hours (L90)

Dimming

0-10V Dimming Standard,
10% down to 100%

Operating Temperature

-40°C to +50°C Ambient

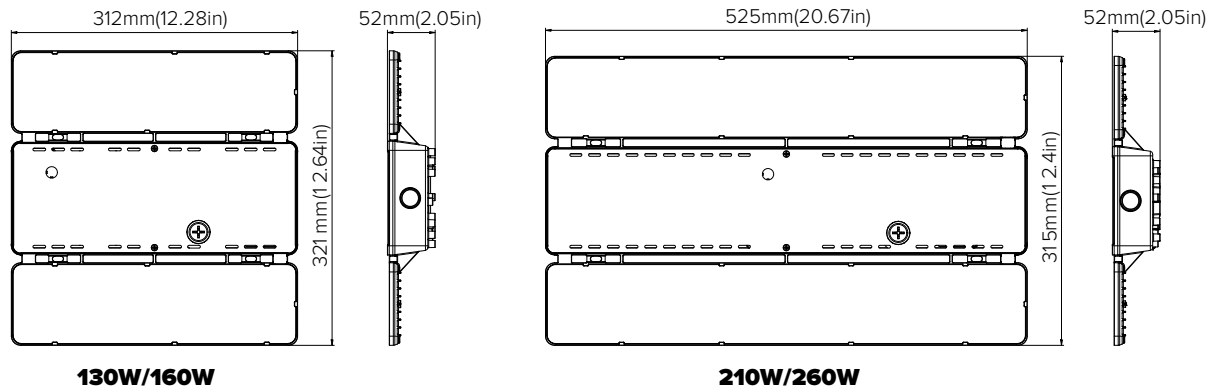**Warranty**

5 year Standard
10 year Optional

ORDERING INFORMATION

COREBAY							
	B	C	D	E	F	G	H

A	**FIXTURE SERIES**	
	CoreBay	Architectural Industrial High bay

B	**WATTAGE/LUMENS 130W**	
	78	78W/11800[1]
	104	104W/15000[1]
	130	130W/18000[1]
	WATTAGE/LUMENS 160W	
	96	96W/15500[1]
	128	128W/20000[1]
	160	160W/24000[1]
	WATTAGE/LUMENS 210W	
	126	126W/19200[1]
	168	168W/25000[1]
	210	210W/30300[1]
	WATTAGE/LUMENS 260W	
	156	156W/25000[1]
	208	208W/31000[1]
	260	260W/36000[1]

C	**CCT**	
	40	4000K
	50	5000K

D	**VOLTAGE**	
	U	120-277V
	H	347/480V

E	**FINISH**	
	WH	White

F	**FACTORY INSTALLED CONTROL OPTIONS[2]**	
	AVI-LV-FA	Avi-on wireless fixture control
	AVI-LV-FA-PIR-ELB	Avi-on wireless fixture control with PIR motion and daylight sensor, end mount

G	**OPTIONS**	
	SM	Surface Mounting.
	CPM	Conduit Pendant Mount
	WG	Wire Guard
	EM8	Emergency Battery 8W 900lm
	EM20	Emergency Battery 20W 3000lm
	EM30	Emergency Battery 30W, 4000lm
	MSP	Plug-and-Play PIR Sensor
	MSM	Plug-and-Play Microwave

H	**WARRANTY[3]**	
	-	5 Year Warranty
	10	10 Year Warranty
	10L	10 Year Warranty including labor

[1] Delivered Lumens (5000K)
[2] See Page 2
[3] 5 Year Warranty is Standard unless specified

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DIMENSION

312mm(12.28in) 52mm(2.05in)

321mm(12.64in)

130W/160W

525mm(20.67in) 52mm(2.05in)

315mm(12.4in)

210W/260W

PHOTOMETRICS

General 180 135 135 90 90 45 45 0

Aisle 180 135 135 90 90 45 45 0
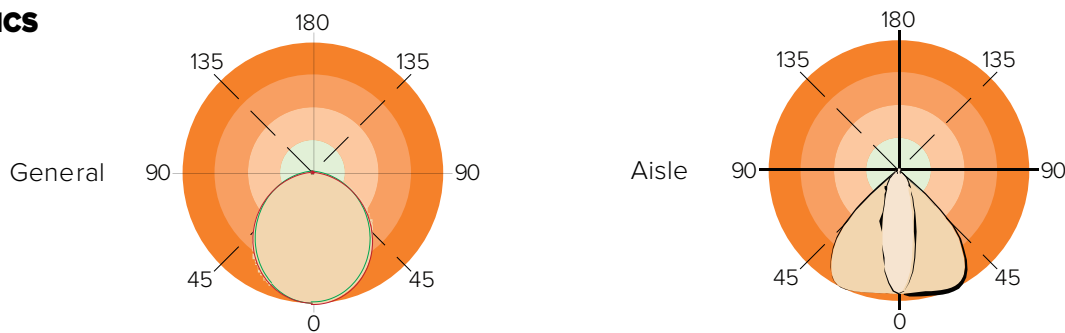
SENSOR AND CONTROLS ORDERING INFORMATION

Integrated in Fixture Body:

VL40B=
Vealite Keilton: PIR Occupancy Sensor, Photosensor, High and Low End Trim, 0-10V Dimming, IR Remote Programmable10

VBM40B=
Vealite Keilton Bluetooth Mesh: Wireless Fixture Controller, PIR Occupancy Sensor, HIGH/LOW/OFF, 0-10V Dimming, Daylight Harvesting, High End Trim, Luminaire Level Lighting Control, Wireless Zones, Time-of-Day Scheduling, Keilton Mobile App Programmable

WSxxB=
Wattstopper PIR Occupancy Sensor, HIGH/LOW/OFF, 0-10V Dimming, Switching Photosensor, IR Remote Programmable, 360° 9, 10

EN2=
Enlighted Connected Lighting Sensor: Network Lighting Control Component, PIR Occupancy Sensor, Daylight Harvesting, High End Trim, Dimming Modes, Luminaire Level Lighting Control, Wireless Zones, Modified IEEE 802.15.4.1, BLE Radio, Temperature Sensor, Scene Control, Demand Response, Data Collection, BMS Integration, Cloud Access

EN3=
Enlighted IoT:
All Features of EN2 - PLUS access to Apps: Space Management, Asset Tracking, and Contact Tracing Apps

End Mounted:

LV40=
Leviton OSFHU: PIR Occupancy Sensor, ON/OFF, Manual Programmable, 20 & 40 ft. Lenses

LD40=
Leviton HB011: PIR Occupancy Sensor, Daylight Harvesting, 0-10V Dimming Modes, Manual Programmable, 20 & 40 ft. Lenses11

WBxx=
Wattstopper FSP-3x1: PIR Occupancy Sensor, Daylight Harvesting, High and Low End Trim, 0-10V Dimming, Bluetooth Mobile App Programmable9

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PERFORMANCE DATA

CoreBay 130W

SETTING	SYSTEM WATTS	4000K		5000K	
		LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)
100%	130W	19000lm	146 lm/W	18000lm	138 lm/W
80%	104W	15800lm	152 lm/W	15000lm	144 lm/W
60%	78W	12500lm	160 lm/W	11800lm	151 lm/W
40%	52W	8800lm	169 lm/W	8200lm	158 lm/W

CoreBay 160W

SETTING	SYSTEM WATTS	4000K		5000K	
		LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)
100%	160W	25000lm	156 lm/W	24000lm	150 lm/W
80%	128W	21000lm	164 lm/W	20000lm	156 lm/W
60%	96W	16200lm	169 lm/W	15500lm	161 lm/W
40%	64W	11200lm	175 lm/W	10600lm	166 lm/W

CoreBay 210W

SETTING	SYSTEM WATTS	4000K		5000K	
		LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)
100%	210W	31000lm	148 lm/W	30300lm	144 lm/W
80%	168W	25500lm	152 lm/W	25000lm	149 lm/W
60%	126W	20000lm	159 lm/W	19200lm	152 lm/W
40%	84W	14000lm	167 lm/W	13500lm	161 lm/W

CoreBay 260W

SETTING	SYSTEM WATTS	4000K		5000K	
		LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)
100%	260W	37000lm	142 lm/W	36000lm	138 lm/W
80%	208W	31500lm	151 lm/W	31000lm	149 lm/W
60%	156W	25500lm	163 lm/W	25000lm	160 lm/W
40%	104W	18000lm	173 lm/W	17500lm	168 lm/W

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ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	700	130	120	1.08
		130	208	0.63
		130	240	0.54
		130	277	0.47
		130	347	0.37
		130	480	0.27
1	750	160	120	0.75
		160	208	1.30
		160	240	1.50
		160	277	1.73
		160	347	2.17
		160	480	3.00
1	970	210	120	1.75
		210	208	1.01
		210	240	0.88
		210	277	0.76
		210	347	0.61
		210	480	0.44
1	1200	260	120	2.17
		260	208	1.25
		260	240	1.08
		260	277	0.94
		260	347	0.75
		260	480	0.54

4000K
5000K

40%
60%
80%
100%
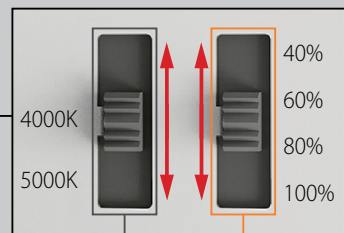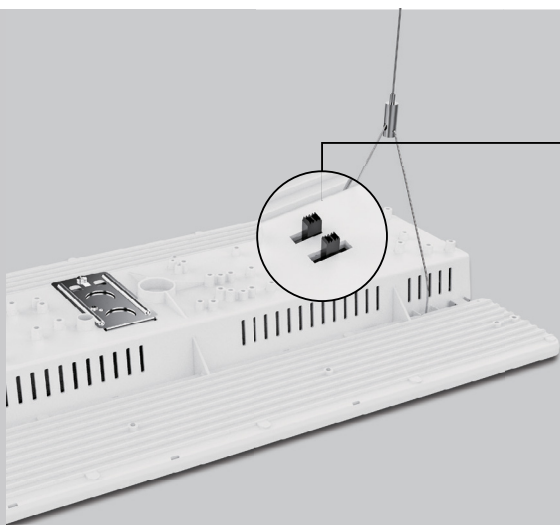
CCT AND WATTAGE SELECTABLE
This fixture has the function of adjusting the lumens output and color temperature on-site.

CCT SELECT

4000K   5000K

Offer two CCT adjustable (4000K, 5000K).

WATTAGE SELECT

40%   60%   80%   100%

Each model supports 4 positions wattage regulation：
100%, 80%, 60%, 40%

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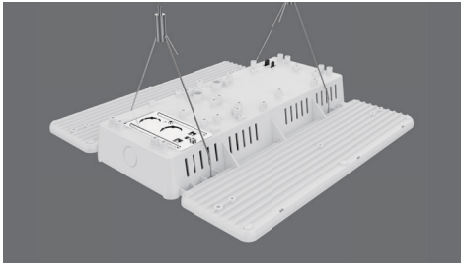
MOUNTING

Mounting With Steel Wire Rope
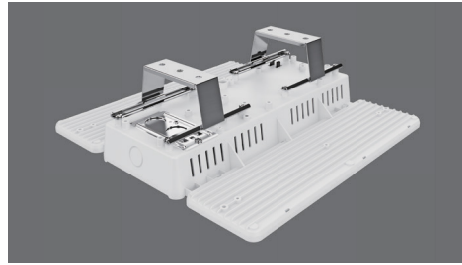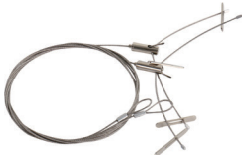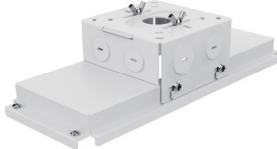
Surface Mounting
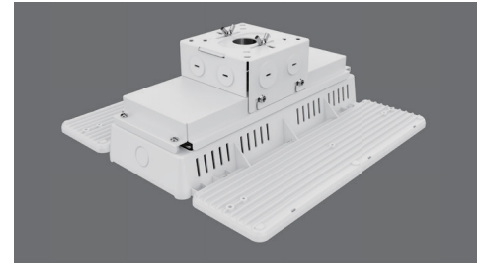
Conduit Pendant Mount

ACCESSORIES (Optional)

Plug-and-Play Microwave Sensor 12-24VDC Microwave sensor: MSM Bluetooth microwave sensor: MSM (Sold separately)	**Emergency Battery** 8W 900lm 90min, suit for 130W, 160W (Sold separately)	**Emergency Battery** 20W 3000lm 90min, suit for 210W, 260W (Sold separately)	**Emergency Battery** 30W, 4000lm, 90min, suite for 347-480V input voltage (Sold separately)
Plug-and-Play PIR Sensor 12-24VDC PIR sensor: MSP Bluetooth PIR sensor: MSP (Sold separately)	**Steel Wire Rope(Default)** USE: Chain mounting.	**Pendant Hanger** USE: Pendant with 3/4" conduit (Sold separately)	**Wire Guards** (Sold separately)

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