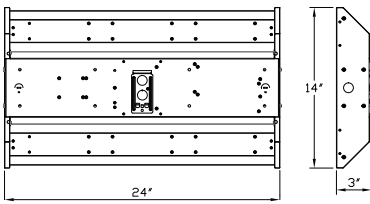
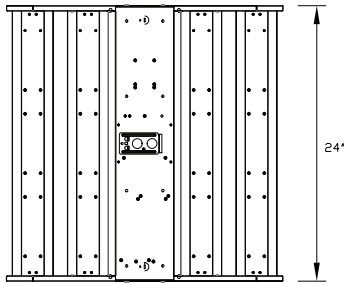




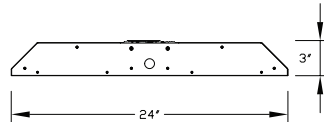
DIMENSIONS:



CB3-LED-12000L



**CB3-LED-18000L
CB3-LED-22500L**



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
22500	22634	162 W
18000	18033	129 W
12000	11950	88 W

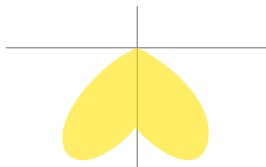
Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

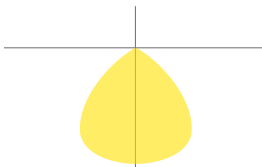
The CB-LED is a highly efficient LED luminaire ideal for large interior spaces with high mounting heights that require uniform general illumination. Designed as a replacement for conventional linear fluorescent and HID high bays found in manufacturing facilities, gymnasiums, warehouses, and many other locations.

LUMENS	12000, 18000, 22500
CCT	40K, 50K
CRI	85+ Standard
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	1' X 2', 2' X 2'
MOUNTING	Suspended
DISTRIBUTION	Medium (MD), Aisle (AD), General (GD)
DIMMING	0-10V Flicker Free 1% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L Output (Bodine BSL310) 20W - Up to 2000L Output (Bodine BSL20)
LIFETIME	L70 at 100,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

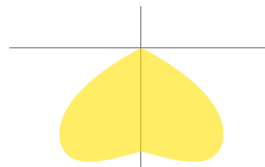
MD: MEDIUM
Candlepower Distribution Curve



AD: AISLE DEGREE
Candlepower Distribution Curve



GD: GENERAL DEGREE
Candlepower Distribution Curve



OPTICAL SYSTEM

The luminaire provides a Medium Degree (MD), Aisle Degree (AD), and General Degree (GD) distribution with different shielding options to protect the LED light engines from dust and damage. The LED optic reflector is made of 95% reflective MIRO-5 aluminum material, engineered to optimize performance for 93% total fixture efficiency. The individual angled channels of the reflector help reduce the glare of high angle light emitted by the diodes.

MAINTENANCE

The LED engines and driver can be accessed through the bottom by removing the lamp shields. Angled sides and vents prevent dust from settling inside and near the LED components, resulting in low-maintenance. The LED engines and drivers are removeable and upgradeable even after luminaire installation. Luminaire can be regularly and safely wiped down to ensure optimal performance.

CONSTRUCTION

Body made from heavy-duty 18-gauge cold rolled steel, post-painted with white finish and engineered for maximum strength and extended life. All corners interlock for added structural strength, with sides and corners uniformly turned in and hemmed to remove sharp edges for safe handling and easy installation. Luminaire is supplied with multiple wiring entrances for easy daisy chain, continuous row mounting, or to add power packs, whips, or other accessories in the field.

OPTIONS

Luminaires can be shipped pre-installed with whips, modular wiring systems, daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control applications.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input. Available in 347V., produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free 1% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.

WARRANTY

Five-year warranty for parts and components. (Labor not included)

LISTING

c-UL-us - Listed for Feed Through Wiring.

Example: **CB3-LED-12000L-DIM10-MVOLT-MD-40K-85**

SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	CCT	CRI	EMERGENCY	WIRING OPTIONS	OTHER OPTIONS
CB3 Oracle LED High Bay Series	LED	12000L - (12000 lumens) 18000L - (18000 lumens) 22500L - (22500 lumens)	DIM10* - DIM10-MVOLT *Consult factory for other dimming options	MVOLT 347* 480 * Consult factory for details	MD - Medium Degree AD - Aisle Degree GD - General Degree	40K - (4000K) 50K - (5000K)	85	0-EMG-LED-10W 0-EMG-LED-20W	PCSB120 - 10' Nema 5-15R 120V Straight Blade Plug PCSB277 - 10' Nema 7-15R 277V Straight Blade Plug PCTL120 - 10' Nema L5-15R 120V Twist Lock Plug PCTL277 - 10' Nema L5-15R 277V Twist Lock Plug PCTL480 - 10' Nema L5-15R 480V Twist Lock Plug S01 - 10' 120V/277V SO Cord S02 - 10' 480V SO Cord	WG - Wireguard VHCH - V-Hook with chain kit CH - Chain with S hooks VH - V Hook MS - Motion Sensor MSPH - Motion Sensor with Photocell MSH - Motion Sensor 0-10V dimming with Photocell GSS - Gripple Suspension System GSSP - Gripple System with Paddles USA - Made in America Compliance

CB3-LED-18000L-DIM10-MVOLT-AD-40K-85

TEST NO.: **EL101845**

INPUT WATTS: **132**

LUMENS: **17782**

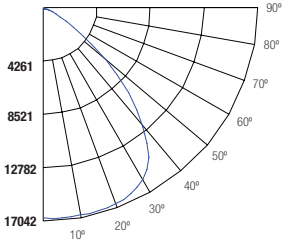
CRI: **85**

EFFICACY: **135**

CCT: **4000K**

SPACING CRITERIA: **0.82**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	5112.47	28.80	28.80
0-30	9376.19	52.80	52.70
0-40	13102.66	73.80	73.70
0-60	16829.97	94.80	94.60
0-80	17566.91	98.90	98.80
0-90	17609.77	99.20	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	36611	9251	3446
55	18007	5590	2772
65	6686	3459	1640
75	3472	1416	561
85	2076	884	843

Lumens Per Zone

Zone	Lumens
0-10	1504.27
10-20	3608.2
20-30	4263.72
30-40	3726.47
40-50	2469.79
50-60	1257.52
60-70	550.87
70-80	186.07
80-90	42.86

Candela Tabulation

Q	
0	16944.539
5	17032.461
15	16971.090
25	16564.051
35	14722.350
45	9629.300
55	3841.760
65	1051.000
75	334.230
85	67.310
90	9.050

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Cone of Light			
2	4236	3.9	1.3
4	1059	7.9	2.6
6	471	11.8	3.9
8	265	15.8	5.2
10	169	19.7	6.5
12	118	23.7	7.8
(FT) Distance to Plane	(FC) Initial Footcandle at Nadir	(FT) Beam Vert. Spread	(FT) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

RC	RW	80%				70%				50%				30%				10%				0%			
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	101	101	101	99	99	99	99
	1	112	109	106	103	110	107	104	102	102	100	98	98	97	95	95	93	93	92	92	92	90	90	90	90
	2	105	99	95	90	103	97	93	89	94	90	87	91	88	85	88	85	83	83	81	81	81	81	81	81
	3	99	91	85	80	96	89	84	79	86	82	78	84	80	77	81	78	75	74	74	74	74	74	74	74
	4	92	83	77	72	90	82	76	71	80	75	70	78	73	69	75	72	68	67	67	67	67	67	67	67
	5	87	77	70	65	85	78	69	65	74	68	64	72	67	63	70	66	63	61	61	61	61	61	61	61
	6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	65	61	57	56	56	56	56	56	56	56
	7	77	66	59	54	75	65	59	54	64	58	54	62	57	53	61	56	53	51	51	51	51	51	51	51
	8	73	62	55	50	71	61	54	50	60	54	50	58	53	49	57	53	49	47	47	47	47	47	47	47
	9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	45	44	44	44	44	44	44	44
	10	65	54	47	43	64	54	47	43	53	47	43	52	46	43	51	46	42	41	41	41	41	41	41	41

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

CB3-LED-18000L-DIM10-MVOLT-GD-40K-85

TEST NO.: **EL101840**

INPUT WATTS: **134.9**

LUMENS: **18188**

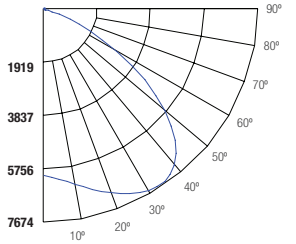
CRI: **85**

EFFICACY: **135**

CCT: **4000K**

SPACING CRITERIA: **1.66**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	2463.4	N.A.	13.50
0-30	5727.8	N.A.	31.50
0-40	10063.38	N.A.	55.30
0-60	16661.06	N.A.	91.60
0-80	17965.66	N.A.	98.80
0-90	18012.6	N.A.	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	16601	26466	17727
55	8378	22561	8514
65	4560	13591	3258
75	2619	3710	728
85	1735	1177	1249

Lumens Per Zone

Zone	Lumens
0-10	591.55
10-20	1871.85
20-30	3264.41
30-40	4335.57
40-50	4093.16
50-60	2504.52
60-70	1050.64
70-80	253.96
80-90	46.95

Candela Tabulation

Q	
0	6062.366
5	6224.848
15	6747.008
25	7224.920
35	6835.872
45	4366.264
55	1787.496
65	716.816
75	252.128
85	56.256
90	9.296

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Cone of Light			
2	1516	4.4	4.2
4	379	8.8	8.4
6	168	13.2	12.5
8	94.7	17.6	16.7
10	60.6	22	20.9
12	42.1	26.4	25.1
(FT) Distance to Plane	(FC) Initial Footcandle at Nadir	(FT) Beam Vert. Spread	(FT) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

RC	RW	80%				70%				50%				30%				10%				0%			
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	101	101	101	99	99	99	99
	1	111	107	103	100	108	105	101	99	100	98	95	96	94	92	93	91	91	89	87	87	87	87	87	87
	2	102	95	90	85	100	93	88	84	90	86	82	87	83	80	83	81	78	76	76	76	76	76	76	76
	3	94	85	78	72	92	84	77	72	81	75	70	78	73	69	75	71	68	66	66	66	66	66	66	66
	4	87	76	68	62	85	75	68	62	72	66	61	70	65	60	68	63	59	57	57	57	57	57	57	57
	5	80	69	60	54	78	67	60	54	65	59	53	63	57	53	61	56	52	50	50	50	50	50	50	50
	6	74	62	54	48	72	61	53	48	59	52	47	57	51	47	56	50	46	44	44	44	44	44	44	44
	7	69	56	48	42	67	55	48	42	54	47	42	52	46	41	51	45	41	39	39	39	39	39	39	39
	8	64	51	43	38	62	51	43	38	49	42	37	48	42	37	47	41	37	35	35	35	35	35	35	35
	9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31	31	31	31	31	31	31
	10	56	43	36	31	55	43	35	31	42	35	30	41	35	30	40	34	30	28	28	28	28	28	28	28

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

CB3-LED-18000L-DIM10-MVOLT-MD-40K-85

TEST NO.: **EL101844**

INPUT WATTS: **134**

LUMENS: **18033**

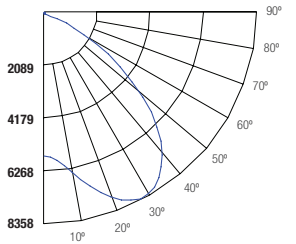
CRI: **85**

EFFICACY: **135**

CCT: **4000K**

SPACING CRITERIA: **1.76**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	2406.83	13.40	13.30
0-30	5788.56	32.10	32.10
0-40	10226.67	56.70	56.70
0-60	16630.54	92.30	92.20
0-80	17817.23	98.80	98.80
0-90	17858.42	99.10	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	12329	22673	13253
55	5661	16301	5547
65	1494	7862	2805
75	505	1368	1725
85	909	937	1193

Lumens Per Zone

Zone	Lumens
0-10	540.21
10-20	1866.62
20-30	3381.73
30-40	4438.11
40-50	4039.85
50-60	2364.02
60-70	965.17
70-80	221.52
80-90	41.19

Candela Tabulation

Q	
0	5299.786</

CB3-LED-22500L-DIM10-MVOLT-AD-40K-85

TEST NO.: **EL101841**

INPUT WATTS: **171.6**

LUMENS: **22634**

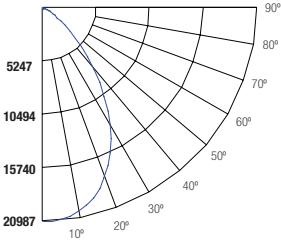
CRI: **85**

EFFICACY: **132**

CCT: **4000K**

SPACING CRITERIA: **0.82**

Candle Power Distribution (Candelas)



Cone of Light			
2	5236	3.8	1.3
4	1309	7.7	2.7
6	582	11.5	4
8	327	15.3	5.4
10	209	19.2	6.7
12	145	23	8.1
(FT.) Distance to Plane	(FC.) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	6411.83	28.40	28.30
0-30	11774.26	52.10	52.00
0-40	16437.53	72.70	72.60
0-60	21253.96	94.00	93.90
0-80	22349.53	98.90	98.70
0-90	22417.4	99.20	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	5847	11347	32225
55	4518	7052	15115
65	3291	4857	7262
75	1102	2394	4549
85	1670	1528	2888

Lumens Per Zone

Zone	Lumens
0-10	1873.7
10-20	4538.13
20-30	5362.43
30-40	4663.28
40-50	3131.65
50-60	1684.78
60-70	803.74
70-80	291.83
80-90	67.87

Candela Tabulation

0	0
0	20944.051
5	20090.270
15	13364.400
25	7212.760
35	3192.740
45	1537.890
55	963.930
65	517.380
75	106.120
85	54.130
90	16.610

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	RC	80%				70%				50%				30%			10%			0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99	
	1	112	109	106	103	109	106	104	101	102	100	98	98	96	95	95	93	92	90	
	2	105	99	94	90	103	97	93	89	94	90	87	90	87	85	87	85	83	81	
	3	98	90	84	80	96	89	83	79	86	81	77	83	79	76	81	78	75	73	
	4	92	83	76	71	90	82	75	71	79	74	70	77	72	69	75	71	68	66	
	5	86	76	69	64	84	75	69	64	73	68	63	71	66	63	70	65	62	60	
	6	81	71	64	58	79	70	63	58	68	62	58	66	61	57	65	60	57	55	
	7	76	66	59	54	75	65	58	53	63	57	53	62	57	53	61	56	52	51	
	8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47	
	9	68	57	50	46	67	57	50	46	55	50	45	54	49	45	53	49	45	43	
10	65	54	47	43	63	53	47	42	52	46	42	51	46	42	50	45	42	40		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

CB3-LED-22500L-DIM10-MVOLT-GD-40K-85

TEST NO.: **EL101840**

INPUT WATTS: **172.9**

LUMENS: **22735**

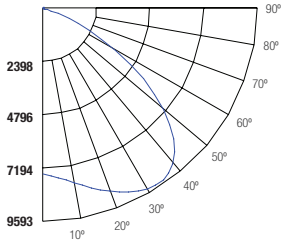
CRI: **85**

EFFICACY: **131**

CCT: **4000K**

SPACING CRITERIA: **1.66**

Candle Power Distribution (Candelas)



Cone of Light			
2	1894	4.4	4.2
4	474	8.8	8.4
6	210	13.2	12.5
8	118	17.6	16.7
10	75.8	22	20.9
12	52.6	26.4	25.1
(FT.) Distance to Plane	(FC.) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	3079.25	13.50	13.50
0-30	7159.76	31.50	31.50
0-40	12579.22	55.30	55.30
0-60	20826.33	91.60	91.60
0-80	22457.07	98.80	98.80
0-90	22515.75	99.10	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	20751	33082	22159
55	10473	28202	10643
65	5700	16989	4072
75	3274	4638	910
85	2169	1471	1561

Lumens Per Zone

Zone	Lumens
0-10	739.43
10-20	2339.81
20-30	4080.51
30-40	5419.47
40-50	5116.45
50-60	3130.66
60-70	1313.3
70-80	317.45
80-90	58.68

Candela Tabulation

0	0
0	7577.958
5	7781.060
15	8433.760
25	9031.150
35	8544.840
45	5457.830
55	2234.370
65	896.020
75	315.160
85	70.320
90	11.620

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	RC	80%				70%				50%				30%				10%				0%
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			
	1	111	107	103	100	108	105	102	99	100	98	95	96	94	92	93	91	89	87			
	2	102	95	90	85	100	93	88	84	90	86	82	87	83	80	84	81	78	76			
	3	94	85	78	72	92	84	77	72	81	75	70	78	73	69	75	71	68	66			
	4	87	76	68	62	85	75	68	62	72	66	61	70	65	60	68	63	59	57			
	5	80	69	60	54	78	67	60	54	65	59	53	63	57	53	61	56	52	50			
	6	74	62	54	48	72	61	53	48	59	52	47	57	51	47	56	50	46	44			
	7	69	56	48	42	67	55	48	42	54	47	42	52	46	41	51	45	41	39			
	8	64	51	43	38	63	51	43	38	49	42	37	48	42	37	47	41	37	35			
	9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31			
10	56	43	36	31	55	43	36	31	42	35	30	41	35	30	40	34	30	28				

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

CB3-LED-22500L-DIM10-MVOLT-MD-40K-85

TEST NO.: **EL101839**

INPUT WATTS: **173.3**

LUMENS: **23555**

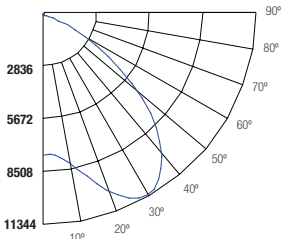
CRI: **85**

EFFICACY: **136**

CCT: **4000K**

SPACING CRITERIA: **1.74**

Candle Power Distribution (Candelas)



Cone of Light			
2	1739	4.1	3.8
4	435	8.2	7.7
6	193	12.4	11.5
8	109	16.5	15.3
10	69.6	20.6	19.2
12	48.3	24.7	23
(FT.) Distance to Plane	(FC.) Initial Footcandle at Nadir	(FT.) Beam Vert. Spread	(FT.) Beam Horiz. Spread

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	3176.05	13.50	13.50
0-30	7678.93	32.60	32.60
0-40	13511.52	57.40	57.40
0-60	21747.04	92.30	92.30
0-80	23273.16	98.80	98.80
0-90	23328.43	99.10	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	16793	30442	18016
55	7180	22305	8813
65	3665	11280	2791
75	2354	2761	724
85	1656	1338	1338

Lumens Per Zone

Zone	Lumens
0-10	70





INTEGRATED SENSOR AND CONTROL OPTIONS

With the integration of controls, Elite Lighting now offers its products with controls-ready performance that increases energy efficiency, smarter space planning, and the enhancement of safety and productivity in the workplace. By utilizing these controls, Elite Lighting luminaires enable your customer's facility to run smarter, with the use of an easily controlled system through any platform.

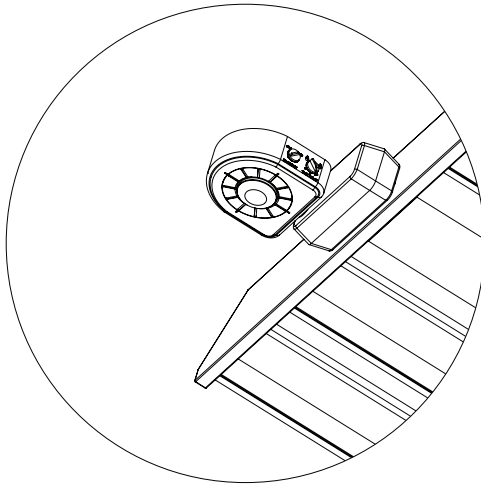
Luminaire will be shipped with Powerpacks pre-installed, ready to be integrated to designated control systems

Luminaire will be shipped with Sensors installed on the luminaire, allowing for individual luminaire control. Luminaires will be ready to be integrated with designated control systems

Luminaire will be shipped with Sensors to be remotely installed on the ceiling. Luminaires will be ready to be integrated with designated control systems

BRAND				
HIGH BAY SENSORS	<input type="checkbox"/> LUT-WSP24V-360-xx1-CPN6112 Wired Occupancy Sensors	<input type="checkbox"/> OSFHU-LTW PIR Fixture Mount High Bay Occupancy Sensor	<input type="checkbox"/> SNH200 SNH200 for High Bay	<input type="checkbox"/> HBP-111 PIR Fixture Mount High Bay Occupancy Sensor
		<input type="checkbox"/> HB011-PDX PIR Fixture Mount Occupancy Sensor with Daylight Harvesting		<input type="checkbox"/> FSP-211 PIR Fixture Mount High Bay Sensor with Daylight Harvesting

SIDE MOUNT OCCUPANCY DAYLIGHT HARVESTING SENSOR



LUTRON

☐ LUT-WSP24V-360-xx1-CPN6112

Wired Occupancy Sensors

LEVITON

☐ OSFHU-LTW

PIR Fixture Mount High Bay Occupancy Sensor

☐ HB011-PDX

PIR Fixture Mount Occupancy Sensor with Daylight Harvesting

PHILIPS

☐ SNH200

SNH200 for High Bay

LEGRAND

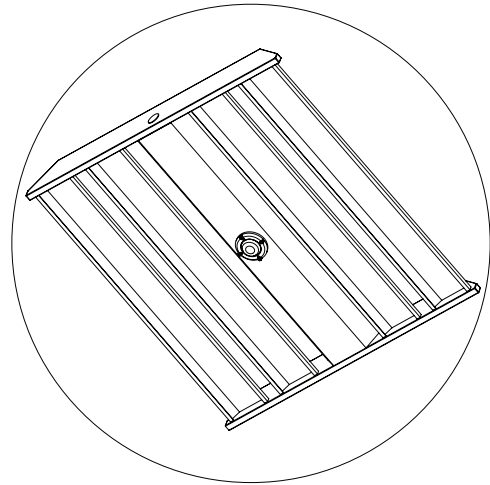
☐ HBP-111

PIR Fixture Mount High Bay Occupancy Sensor

☐ FSP-211-B

PIR Fixture Mount High Bay Sensor with Daylight Harvesting

INSIDE MOUNT OCCUPANCY DAYLIGHT HARVESTING SENSOR



LEGRAND

☐ FSP-211

PIR Fixture Mount High Bay Sensor with Daylight Harvesting