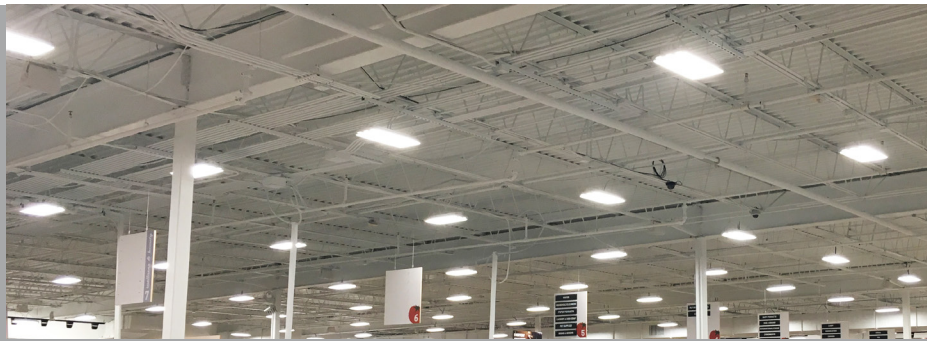
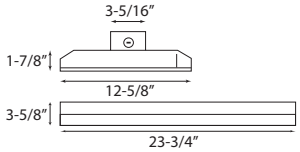
ORACLE LIGHTING
By Elite Lighting

CB2-LED
Architectural LED High Bay



9000L | 13000L



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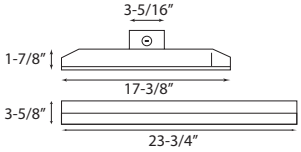
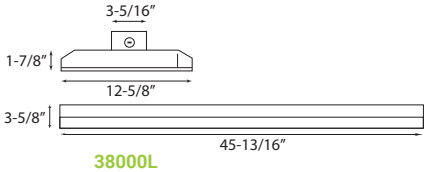
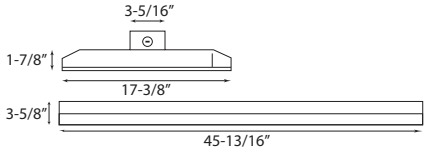


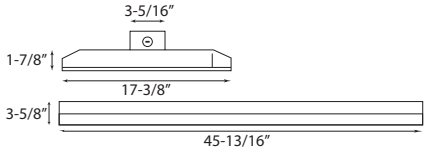
26000L | 30000L



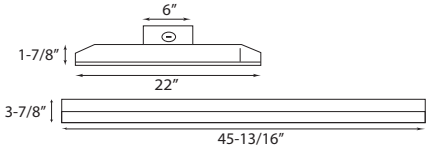
38000L



45000L



58000L



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
58000	61187	440 W
45000	46254	328 W
38000	38525	276 W
30000	30630	215 W
26000	25734	184 W
18000	17576	139 W
13000	12946	91 W
9000	9150	64 W

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

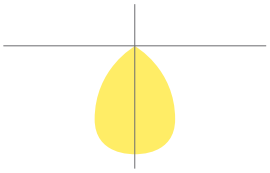
FEATURES

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	9000, 13000, 18000, 26000 30000, 38000, 45000, 58000
CCT	35K, 40K, 50K
CRI	85+ Standard
COLOR QUALITY	3 Step MacAdam Ellipse
MOUNTING	Suspended
DISTRIBUTION	Wide (WD)
DIMMING	0-10V Flicker Free 5% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output 20W - Up to 2000L output EMG-LED-G2-10W-SDT - Self Diagnostic (Consult Factory) EMG-LED-G2-20W-SDT - Self Diagnostic (Consult Factory)
LIFETIME	L70 at 70,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

WD: WIDE

Candlepower Distribution Curve



DLC PREMIUM · cULus LISTED · DAMP LOCATION · 2016 TITLE 24 · PROUDLY ASSEMBLED in AMERICA · QUICKSHIP CONSULT FACTORY

OPTICAL SYSTEM
The luminaire provides a Wide (W) distribution with different shielding options and ships standard with a frosted acrylic lens 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, 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 5% 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.
Listed for DLC, California Title 24 compliant.
c-UL-us Damp location listed.

Example: **CB2-LED-13000L-DIM10-MVOLT-WD-40K-85**

CB2	LED									
SERIES	**TYPE**	**LUMENS**	**DIMMING**	**VOLTAGE**	**OPTICS**	**CCT**	**CRI**	**EMERGENCY**		
CB2-Oracle LED High Bay Series	**LED**	**9000L** - (9000 lumens) **13000L** - (13000 lumens) **18000L** - (18000 lumens) **26000L** - (26000 lumens) **30000L** - (30000 lumens) **38000L** - (38000 lumens) **45000L** - (45000 lumens) **58000L** - (58000 lumens)	**DIM10*** - DIM10-MVOLT *Consult factory for other dimming options	**MVOLT** **347-480V*** *Consult factory	**WD** - WIDE	**35K** - (3500K) **40K** - (4000K) **50K** - (5000K)	**85**	**O-EMG-LED-10W** **O-EMG-LED-20W** **O-EMG-LED-G2-10W-SDT** **O-EMG-LED-G2-20W-SDT** *Consult factory for details		

***Warranty is contingent on the correct application and installation of fixture. Maximum ambient temperature is 50°C**

OTHER OPTIONS	
VHCH	V-Hook with chain kit
MS	Motion Sensor
MSPH	High/Low Motion Sensor with Photocell
GSS5	5' Gripple Suspension System
GSS10	10' Gripple Suspension System
CB2-LED-13000L-WG-WH	WireGuard for 13000L/9000L
CB2-LED-26000L-WG-WH	WireGuard for 26000L/3000L
CB2-LED-38000L-WG-WH	WireGuard for 38000L/45000L
CB2-LED-58000L-WG-WH	WireGuard for 58000L
SO5	12' Power cord with 5 conductors for 0-10v dimming fixtures
SO6	12' Power cord with 6 conductions for 0-10V dimming and with emergency

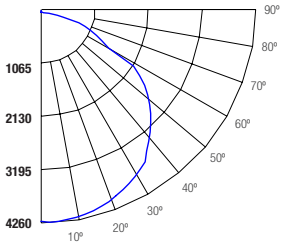
SENSOR OPTIONS	
LUT-WSPEM24V-360	Wired Occupancy Sensors
OSFHU-LTW	PIR Fixture Mount High Bay Occupacy Sensor
HB011-PDX	PIR Fixture Mount Occupacy Sensor with Daylight Harvesting with 0-10V Dimming.
SNH200	SNH200 for High Bay (XSR driver required)
HBP-111	PIR Fixture Mount High Bay Occupancy Sensor
FSP-221-B-D	PIR Fixture Mount Bay Sensor with Daylight Harvesting with 0-10V Dimming.
BT-FMS-A	Bluetooth® enabled fixture mounted occupancy/daylight sensor and controller
FSP311-B-D	0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.

CB2-LED-13000L-DIM10-MVOLT-WD-40K-85

TEST NO.: **EL111831**

INPUT WATTS: **91.3** LUMENS: **12946** CRI: **85** EFFICACY: **142** CCT: **4000K** SPACING CRITERIA: **1.46**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1567.14	12.10	12.10
0-30	3375.79	26.10	26.10
0-40	5630.34	43.50	43.50
0-60	10267.44	79.30	79.30
0-80	12658.54	97.80	97.80
0-90	12811.37	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	12073	12260	11593
55	12114	11944	11478
65	8797	11538	10841
75	8434	7994	9374
85	1564	3236	6040

Lumens Per Zone

Zone	Lumens
0-10	401.92
10-20	1165.23
20-30	1808.64
30-40	2254.55
40-50	2406.08
50-60	2231.03
60-70	1582.49
70-80	808.61
80-90	152.83

Candela Tabulation

	0
0	4236.289
5	4252.930
15	4165.150
25	3970.300
35	3706.830
45	3175.440
55	2584.400
65	1382.920
75	811.980
85	50.710
90	16.920

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	109	104	100	96	106	102	98	94	97	94	91	93	91	88	89	87	86	83
	2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	78	75	72	69
	3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	64	60	58
	4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	61	56	52	50
	5	76	63	54	47	73	61	53	47	59	52	46	57	51	45	55	49	45	43
	6	70	56	47	41	68	55	47	41	53	46	40	52	45	40	50	44	39	37
	7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	45	39	35	33
	8	60	46	38	32	58	46	37	32	44	37	31	43	36	31	42	35	31	29
	9	56	42	34	29	54	42	34	28	41	33	28	39	33	28	38	32	28	26
	10	52	39	31	26	51	39	31	26	37	30	26	36	30	25	35	30	25	23

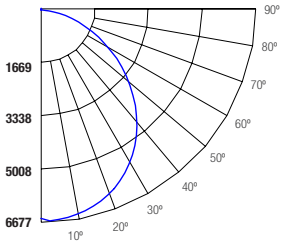
***RC** - Ceiling Cavity Reflectance* ***RW** - Wall Reflectance*

CB2-LED-18000L-DIM10-MVOLT-WD-40K-85

TEST NO.: **EL101838**

INPUT WATTS: **139.5** LUMENS: **17584** CRI: **85** EFFICACY: **126** CCT: **4000K** SPACING CRITERIA: **1.36**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	2413.44	13.70	13.70
0-30	5116.82	29.10	29.10
0-40	8324.98	47.40	47.30
0-60	14231.91	81.00	80.90
0-80	17139.81	97.50	97.50
0-90	17398.08	99.00	98.90

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	21620	21227	20903
55	19686	19069	18554
65	17262	16372	15706
75	14258	13113	12358
85	10574	8691	7441

Lumens Per Zone

Zone	Lumens
0-10	624.33
10-20	1789.12
20-30	2703.38
30-40	3208.16
40-50	3200.01
50-60	2706.93
60-70	1902.41
70-80	1005.48
80-90	258.28

Candela Tabulation

	0
0	6603.288
5	6656.740
15	6433.010
25	5965.680
35	5234.230
45	4264.730
55	3149.990
65	2035.190
75	1029.490
85	257.100
90	36.230

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	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
	2	100	92	85	79	97	90	84	78	86	81	76	82	78	75	79	76	73	71
	3	91	81	73	67	88	79	72	66	76	70	65	73	68	63	70	66	62	60
	4	83	72	63	57	81	70	62	56	68	61	55	65	59	54	63	58	54	51
	5	77	64	55	49	75	63	55	49	61	54	48	59	52	47	57	51	47	45
	6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
	7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35
	8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	43	37	33	31
	9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	31	27	25

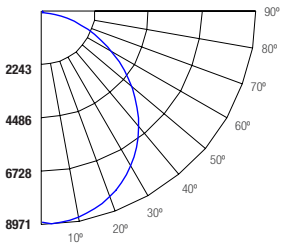
***RC** - Ceiling Cavity Reflectance* ***RW** - Wall Reflectance*

CB2-LED-26000L-DIM10-MVOLT-WD-40K-85

TEST NO.: **EL11122038**

INPUT WATTS: **184** LUMENS: **25734** CRI: **85** EFFICACY: **139** CCT: **4000K** SPACING CRITERIA: **1.34**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	3246.96	13.70	13.70
0-30	6860.29	29.00	29.00
0-40	11133.53	47.10	47.10
0-60	19036.48	80.60	80.60
0-80	23023.62	97.50	97.40
0-90	23387.49	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	14491	14364	14232
55	13321	13095	12881
65	11757	11472	11224
75	9764	9516	9402
85	6995	6859	6994

Lumens Per Zone

Zone	Lumens
0-10	841.25
10-20	2405.71
20-30	3613.33
30-40	4273.25
40-50	4265.64
50-60	3637.31
60-70	2594.17
70-80	1392.98
80-90	363.86

Candela Tabulation

	0
0	8900.417
5	8941.140
15	8623.100
25	7976.800
35	6989.860
45	5717.230
55	4263.060
65	2772.160
75	1409.950
85	340.170
90	33.900

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	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
	2	99	91	85	79	97	89	83	78	86	81	76	82	78	74	79	76	73	70
	3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	70	66	62	60
	4	83	72	63	56	81	70	62	56	68	61	55	65	59	54	63	58	53	51
	5	77	64	55	49	75	63	55	49	61	53	48	59	52	47	57	51	47	45
	6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
	7	66	53	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37	35
	8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	43	37	33	31
	9	57	44	36	31	56	43	36	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	28	52	40	33	28	39	32	27	38	32	27	37	31	27	25

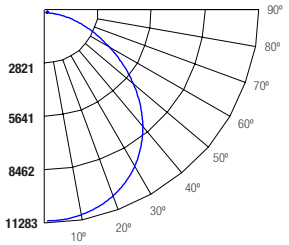
***RC** - Ceiling Cavity Reflectance* ***RW** - Wall Reflectance*

CB2-LED-30000L-DIM10-MVOLT-WD-40K-85

TEST NO.: **EL111821**

INPUT WATTS: **215** LUMENS: **30630** CRI: **85** EFFICACY: **142** CCT: **4000K** SPACING CRITERIA: **1.38**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	4098.6	13.4	13.4
0-30	8731.69	28.5	28.5
0-40	14301.02	46.7	46.7
0-60	24721.43	80.7	80.7
0-80	29851.11	97.5	97.5
0-90	30310.9	99	99

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	24517	23630	22553
55	23034	21572	20009
65	20723	18580	16547
75	17747	15048	12860
85	14799	10582	7785

Lumens Per Zone

Zone	Lumens
0-10	1057.24
10-20	3041.36
20-30	4633.09
30-40	5569.33
40-50	5621.66
50-60	4798.75
60-70	3362.56
70-80	1767.1
80-90	459.81

Candela Tabulation

	0
0	11162.51
5	11162.38
15	10890.79
25	10258.16
35	9220.78
45	7738.01
55	5897.16
65	3909.21
75	2050.17
85	575.7
90	128.33

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%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	109	104	100	97	106	102	98	95	98	94	92	93	91	89	90	88	86	84
2	99	91	85	79	97	89	83	78	86	81	76	82	78	74	79	76	73	70
3	91	80	73	66	88	79	71	66	76	69	64	73	67	63	70	66	62	60
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	58	53	51
5	77	64	55	49	74	63	54	48	61	53	48	58	52	47	57	51	46	44
6	71	58	49	43	69	57	48	42	55	47	42	53	46	41	51	45	41	39
7	66	52	44	38	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	34	60	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	54	40	33	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

ROOM CAVITY RATIO

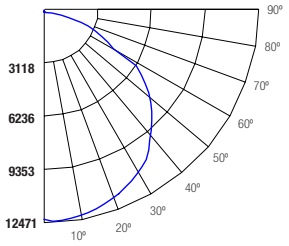
***RC** - Ceiling Cavity Reflectance* ***RW** - Wall Reflectance*

CB2-LED-38000L-DIM10-MVOLT-WD-40K-85

TEST NO.: **EL111821**

INPUT WATTS: **276.5** LUMENS: **38540** CRI: **85** EFFICACY: **139** CCT: **4000K** SPACING CRITERIA: **1.46**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	4567.42	11.90	11.90
0-30	9835.91	25.50	25.50
0-40	16416.09	42.60	42.60
0-60	30084.18	78.10	78.10
0-80	37655.31	97.70	97.70
0-90	38196.78	99.10	99.10

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	23263	23910	22702
55	23238	23567	22564
65	17905	22889	21576
75	16204	16696	18563
85	2285	8811	11592

Lumens Per Zone

Zone	Lumens
0-10	1171.72
10-20	3395.69
20-30	5268.49
30-40	6580.19
40-50	7066.55
50-60	6601.53
60-70	4930.75
70-80	2640.38
80-90	541.47

Candela Tabulation

	0
0	12355.91
5	12446.52
15	12138.04
25	11531.36
35	10716.37
45	9177.81
55	7436.75
65	4222.04
75	2339.95
85	111.13
90	42.86

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%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	109	104	100	96	106	101	98	94	97	94	91	93	90	88	89	87	85	83
2	99	90	83	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69
3	90	79	71	64	87	77	70	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	79	68	60	54	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	49	43	39	36
7	64	50	41	35	62	50	41	35	48	40	35	46	40	34	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	28	38	32	27	25
10	52	39	31	25	51	38	30	25	37	30	25	36	30	25	35	29	25	23

ROOM CAVITY RATIO

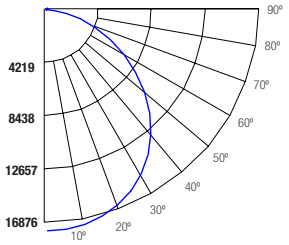
***RC** - Ceiling Cavity Reflectance* ***RW** - Wall Reflectance*

CB2-LED-45000L-DIM10-MVOLT-WD-40K-85

TEST NO.: **EL05082013**

INPUT WATTS: **328.3** LUMENS: **46328** CRI: **85** EFFICACY: **141** CCT: **4000K** SPACING CRITERIA: **1.38**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	6192	13.4	13.4
0-30	13181.84	28.5	28.5
0-40	21572.94	46.6	46.6
0-60	37307.76	80.7	80.5
0-80	45141.29	97.6	97.4
0-90	45871.66	99.2	99

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	28217	27684	27262
55	25904	24931	24278
65	22696	21241	20413
75	18316	16451	15730
85	12495	9767	9102

Lumens Per Zone

Zone	Lumens
0-10	1598.08
10-20	4593.92
20-30	6989.84
30-40	8391.1
40-50	8485.68
50-60	7249.14
60-70	5120.52
70-80	2713
80-90	730.38

Candela Tabulation

	0
0	12355.91
5	12446.52
15	12138.04
25	11531.36
35	10716.37
45	9177.81
55	7436.75
65	4222.04
75	2339.95
85	111.13
90	42.86

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%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	85	79	97	89	83	78	86	81	76	82	78	74	79	76	73	70
3	91	81	73	66	88	79	71	66	76	69	64	73	68	63	70	66	62	60
4	83	72	63	56	81	70	62	56	67	60	55	65	59	54	63	58	53	51
5	77	64	55	49	74	63	54	48	61	53	48	58	52	47	57	51	46	44
6	71	58	49	42	69	57	48	42	55	47	42	53	46	41	51	45	41	39
7	66	52	44	38	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	34	60	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	54	40	33	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

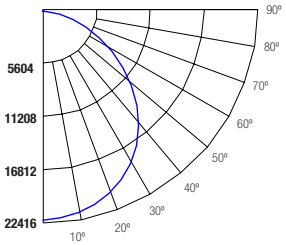
ROOM CAVITY RATIO

***RC** - Ceiling Cavity Reflectance* ***RW** - Wall Reflectance*

CB2-LED-58000L-DIM10-MVOLT-WD-40K-85 TEST NO.: **EL111821**

INPUT WATTS: **440.4** LUMENS: **61291** CRI: **85** EFFICACY: **139** CCT: **4000K** SPACING CRITERIA: **1.38**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	8148.26	13.3	13.3
0-30	17332.43	28.3	28.3
0-40	28352	46.3	46.3
0-60	49137.01	80.3	80.2
0-80	59696.09	97.6	97.4
0-90	60711.93	99.2	99.1

Luminance (Average candela/M^2)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	31209	30667	30056
55	28898	28062	27173
65	25691	24541	23488
75	21483	20090	18977
85	15912	14283	12964

Lumens Per Zone

Zone	Lumens
0-10	2104.4
10-20	6043.86
20-30	9184.17
30-40	11019.57
40-50	11167.46
50-60	9617.56
60-70	6864.77
70-80	3694.3
80-90	1015.84

Candela Tabulation

	0
0	22229.789
5	22184.109
15	21504.449
25	20086.07
35	17839.211
45	14775.27
55	11097.52
65	7269.48
75	3722.68
85	928.49
90	139.47

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	109	104	100	96	106	102	98	95	98	94	92	94	91	89	90	88	86	84
	2	99	91	85	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70
	3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	65	62	59
	4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	57	53	51
	5	77	64	55	48	74	63	54	48	60	53	47	58	52	47	56	51	46	44
	6	71	57	49	42	69	56	48	42	55	47	42	53	46	41	51	45	41	39
	7	66	52	43	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34
	8	61	48	39	33	59	47	39	33	45	38	33	44	38	33	43	37	32	31
	9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	27
	10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

***RC** - Ceiling Cavity Reflectance* ***RW** - Wall Reflectance*

INTEGRATED SENSOR AND CONTROL OPTIONS

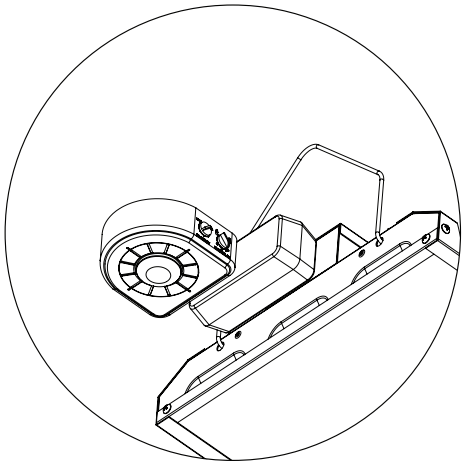
With the integration of controls, Elite Lighting now offers its products with controls-ready performance that increases energy efficiency, smarter space planning, and the enhancement of safety and productivity in the workplace. By utilizing these controls, Elite Lighting luminaires enable your customer's 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 contol 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	LUTRON	LEVITON	PHILIPS EasySense	legrand®
HIGH BAY SENSORS	❑ LUT-WSPEM24V-360-xx1-CPN6112 Wired Occupancy Sensors	❑ OSFHU-LTW PIR Fixture Mount High Bay Occupancy Sensor	❑ SNH200 SNH200 for High Bay	❑ HBP-111 PIR Fixture Mount High Bay Occupancy Sensor
		❑ HB011-PDX PIR Fixture Mount Occupancy Sensor with Daylight Harvesting		❑ FSP-221-B-D PIR Fixture Mount High Bay Sensor with Daylight Harvesting
				❑ FSP311-B-D 0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.

BRAND	DOUGLAS LIGHTING CONTROLS
HIGH BAY SENSORS	❑ BT-FMS-A Bluetooth® enabled fixture mounted occupancy/daylight sensor and controller

SIDE MOUNT OCCUPANCY/DAYLIGHT HARVESTING SENSOR



LUTRON
❑ LUT-WSPEM24V-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-221-B-D
PIR Fixture Mount High Bay Sensor with Daylight Harvesting
❑ FSP311-B-D
0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.

DOUGLAS LIGHTING CONTROLS
❑ BT-FMS-A
Bluetooth® enabled fixture mounted occupancy/daylight sensor and controller