



DIMENSION

1.9"





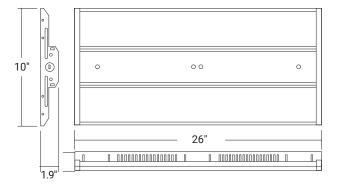


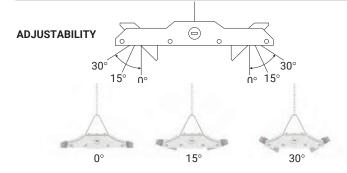




80W | 110W | 150W

165W | 190W | 220W





Rotation light bar angle Function Lightbar can rotate to 3 steps 0°/15°/30° for different applications.

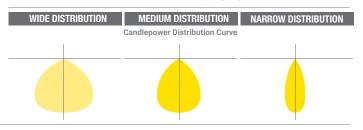
FEATURES

The CB2-CPA-LED is a highly efficient LED luminaire ideal for large interior spaces with high mounting heights that require uniform general illumination. Available in extremely handy design feature, can quickly adjust light output, CCT and beam spread as needed to acquire the ideal spread of illumination. Designed as a replacement for conventional linear fluorescent and HID high bays found in manufacturing facilities,

LUMENS	12000, 15000, 21000L 24000L, 27000L, 30000L
сст	30K/35K/40K/50K
CRI	85+ Standard
COLOR QUALITY	3 Step MacAdam Ellipse
MOUNTING	Suspended, Ceiling and Stem mount
DISTRIBUTION	Wide (WD), Medium (MD), Narrow (ND)
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) GTD-UL924
LIFETIME	L70 at 167,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

	NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
	30000	27318	213W
	27000	24874	189W
	24000	22913	169W
	21000	17661	136W
	15000	14951	110W
-	12000	12256	87W

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



















OPTICAL SYSTEM

The luminaire provides a Wide (W) distribution with different shielding options and ships standard with a frosted PC 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 and Dia cast driver junction box, 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.

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.

Easily access field-adjustable 4-Color SeleCCT from 3000K to 5000K or switch without lowering the luminaire from the Ceiling.



DRIVER ELECTRICAL INFORMATION

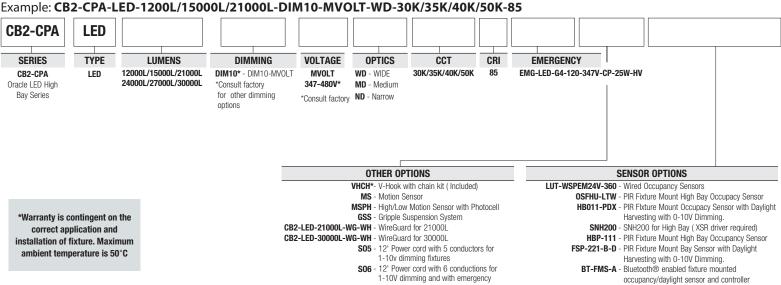
DIM10 - Flicker Free 5% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277 or 347V.

WARRANTY

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

LISTING

c-UL-us - Listed for Feed Through Wiring. Listed for DLC 5.1 Premium, California Title 24 compliant. c-UL-us Damp location listed.



CB2-MH - Mounting HUB



FSP311-B-D - 0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.



MOUNTING OPTION









Pendant Mounting Standard

Pendant Mounting

Celing Mounting

Stem Mounting

MOUNTING ACCESSORIES



CB2-CPA-MH Mounting HUB



VHCH V-hook with chain kit



GSS Gripple Suspension System



CB2-LED-21000L-WG-WH CB2-LED-30000L-WG-WH Wireguard





☐ GSS

GRIPPLE SUSPENSION SYSTEM

GSSP

GRIPPLE SYSTEM WITH PADDLES

☐ GSSP





□ C6

C3

6-wire Flex Cable (Single Circuit)

□ 1DB1

120/208/240V Distribution cable, 3-wire w/ground-phase A,B, 1' cable length

□ 2DB1

277/480V Distribution cable, 3-wire w/ground-phase A,B, 1' cable length





3/8 X 6FT FLEX ASSY 3/18 BLK, WHT GRN - 84" 90 DEGREE SNAP & STR SNAP - ALUMINUM /SINGLE CIRCUIT

WHIPS □ C5

> C5-3/8X6FT FLEX ASSY 18/5 W/GRAY & PURPLE WIRE -EXTENDED TO 12"

CORDS



□ S05-BK

5 WIRES BLACK CORD 18AWG 105 DEGREE CELCIUS RATED WHITE **BLACK GREEN PURPLE GREY WIRES** 120/277 VOLT



CORDS

□ S05-WH

5 WIRES WHITE CORD 18AWG 105 DEGREE CELCIUS RATED WHITE **BLACK GREEN PURPLE GREY WIRES** 120/277 VOLT



□ S06-BK

6 WIRE BLACK CORD BLACK GREY PURPLE ORANGE GREEN AND WHITE CABLES

S06-WH

□ S06-WH

6 WIRE WHITE CORD BLACK GREY PURPLE ORANGE GREEN AND WHITE CABLES

PLUGS











☐ PCTL120

10' NEMA L5-15R 120V TWIST LOCK PLUG

□ PCSB120

10' NEMA 5-15R 120V STRAIGHT BLADE PLUG

□ PCSB120-BK 10' NEMA 5-15R 120V STRAIGHT **BLADE PLUG-BLACK**

□ PCTL277

10' NEMA L7-15P 277V TWIST LOCK PLUG

□ PCTL480V

10' NEMA LA20P 480V TWIST LOCK PLUG

1CB1SC1HV

120/208/240V Lighting "T" w/Drop cord, 3-wire w/ground-phase A,B, 3' cable length, 12 AWG, Hi-Voltage (optional)

□ 2CB1SC1HV

277/480V Distribution cable, 3-wire w/ground-phase A,B, 3' cable length, 12 AWG, Hi-Voltage (optional)





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

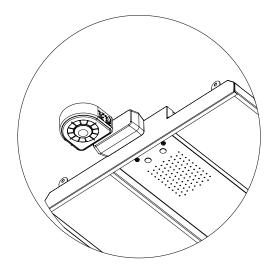
Luminaire will be shipped with Sensors installed on the luminaire, allowing for individual luminaire control. Luminaires will be ready to be integrated with designated control systems

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	ELUTRON	LEVITON.	PHILIPS EasySense	□ legrand°
		OSFHU-LTW PIR Fixture Mount High Bay		☐ HBP-111 PIR Fixture Mount High Bay Occupancy Sensor
HIGH BAY SENSORS	☐ LUT-WSPEM24V-360-xx1-CPN6112 Wired Occupancy Sensors	Occupancy Sensor HB011-PDX	SNH200 SNH200 for High Bay	☐ FSP-321B-D-L7-BR (120-480V) 0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.
		PIR Fixture Mount Occupancy Sensor with Daylight Harvesting		☐ FSP311-B-D 0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.

^{*}Customer Supplied Control Parts

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

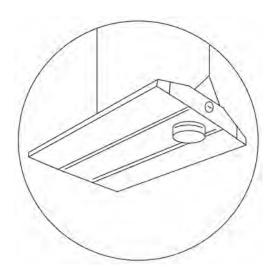
☐ FSP-321B-D-L7-BR (120-480V)

0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.

□ FSP311-B-D

0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.

INSIDE MOUNT OCCUPANCY DAYLIGHT HARVESTING SENSOR



☐ LEGRAND

☐ FSP-321B-L7-BR (120-480V)

PIR Fixture Mount High Bay Occupancy Sensor

CB2-CPA-LED-12000L-15000L-21000L-DIM10-MVOLT-MD-30K-35K-40K-50K-85(12000L) TEST NO.: **EL07072207** INPUT WATTS: 87.2 LUMENS: 12256 EFFICACY: 141 BEAM ANGLE: 86 SPACING CRITERIA: 1.26 **CANDELA DISTRIBUTION** LUMINANCE (cd/sq.m) **LUMENS PER ZONE ZONAL LUMEN SUMMARY CANDELA TABLE** 0° 90° 0.00° 90.00° ZONE LUMENS ZONE UMENS % LUMINAIRE 500 1000 1500 2000 2500 3000 4500 4500 5500 6000 6026 6026 0.00° 64865 64865 0° - 10° 0° - 20° 2208 5963 46487 10° - 20° 0° - 30° 10° 45.00° 700 5606 25674 27587 20° - 30° 2467 0° - 40° 7420 61% 5717 20° 55 00° 5002 17794 22946 30° - 40° 2745 0° - 60° 10686 87%

65 00°

75 00°

85.00°

64 53

60 49

34 57 45

25048

35687

19518

27514

CONE OF LIGHT MOUNTING FC AT BEAM BEAM DIA. HEIGHT BEAM DIA. 90°-270° CENTER 0°-180° 6.0 ft 167.4 fc 11.2 ft 11.3 ft 8.0 ft 94.2 fc 14.9 ft 15.0 ft 10.0 ft 60.3 fc 18.6 ft 18.8 ft 41.8 fc 12.0 ft 22.3 ft 22.5 ft 14.0 ft 30.7 fc 26.0 ft 26.3 ft

29.8 ft

33.5 ft

37.2 ft

30.0 ft

33 8 ft

37.5 ft

23.5 fc

18.6 fc

15.1 fc

16.0 ft

18 0 ft

20.0 ft

30°

6500 10° 20°

809	448	39	90						80	° - 90°	2	27						
909	∘ 69	5	5															
						IND	oor c	OEFFI	CIENT	S OF U	TILIZ/	TION						
ρf									20%									0%
ρс		80	1%			70	1%			50%			30%			10%		0%
ρw	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	102	102	102	100
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
2	102	94	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75
3	94	85	78	72	92	83	77	71	80	75	70	78	73	69	75	71	68	66
4	87	76	69	63	85	75	68	62	73	67	62	71	65	61	69	64	60	58
5	81	69	61	55	79	68	61	55	66	60	55	64	59	54	63	58	54	52
6	75	63	55	49	74	62	55	49	61	54	49	59	53	48	58	52	48	46
7	70	58	50	44	69	57	50	44	56	49	44	54	48	44	53	48	43	42

40° - 50°

50° - 60°

60° - 70°

70° - 80°

2044

1222

792

551

40 50 44 40 49 44

45

0° - 80° 12029

0° - 90° 12256

98%

100%

38

40

33 32

58 CB2-CPA-LED-12000L-15000L-21000L-DIM10-MVOLT-MD-30K-35K-40K-50K-85(15000L)

8 66 53

9 62 49 42 37

10

5191 30°

40° 3995

50° 2054

60° 932

70° 636 3621

1979

1126

674

46 40

46 39

TEST NO.: **EL07072207 LUMENS: 1495**

40 52

45

42 37 48 41 36 47 41 36 46 40 36 34

38 34 44 38 33 44 38 33 43 37

INPUT WATTS: 110.3	L
CANDELA DISTRIBU 500 1000 1500 2500 2500 3000 3500 4500 4500 5000 5000 6000 6500 40°	90° 80° 70°

CONE OF LIGHT

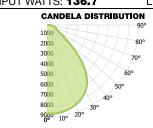
951		EFFIC	ACY: 136		BEAM A	NGLE	: 86		SPAC	ING CF	ITERIA: 1.26	
CA	NDELA	TABLE	LUMIN	ANCE (c	d/sq.m)		LUMENS	PER ZONE	ZON	AL LUME	EN SUMMARY	
	0°	90°		0.00°	90.00°		ZONE	LUMENS	ZONE	UMENS	% LUMINAIRE	
0°	7348	7348	0.00°	79097	79097		0° - 10°	698	0° - 20°	2694	18%	
10°	7275	7235	45.00°	56976	49528		10° - 20°	1997	0° - 30°	5704	38%	
20°	6975	6845	55.00°	31489	33768		20° - 30°	3010	0° - 40°	9054	61%	
30°	6348	6106	65.00°	21733	27855		30° - 40°	3350	0° - 60°	13042	87%	
40°	4895	4428	75.00°	30595	23772		40° - 50°	2496	0° - 80°	14676	98%	
50°	2521	2424	85.00°	43667	33865		50° - 60°	1492	0° - 90°	14951	100%	
60°	1140	1379					60° - 70°	963				
70°	776	822					70° - 80°	671				
80°	549	476					80° - 90°	275				
909	85	6										

·	O	u	
MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	204.1 fc	11.2 ft	11.3 ft
8.0 ft	114.8 fc	14.9 ft	15.0 ft
10.0 ft	73.5 fc	18.6 ft	18.8 ft
12.0 ft	51.0 fc	22.3 ft	22.5 ft
14.0 ft	37.5 fc	26.0 ft	26.3 ft
16.0 ft	28.7 fc	29.8 ft	30.0 ft
18.0 ft	22.7 fc	33.5 ft	33.8 ft
20.0 ft	18.4 fc	37.2 ft	37.6 ft

	INDOOR COEFFICIENTS OF UTILIZATION																	
ρf									20%									0%
ρc	80%				70%					50% 30%			30%	10%			0%	
ρw	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	102	102	102	100
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75
3	94	85	78	72	92	83	77	71	80	75	70	78	73	69	75	71	68	66
4	87	77	69	63	85	75	68	62	73	67	62	71	65	61	69	64	60	58
5	81	69	61	55	79	68	61	55	66	60	55	64	59	54	63	58	54	52
6	75	63	55	49	74	62	55	49	61	54	49	59	53	48	58	52	48	46
7	70	58	50	44	69	57	50	44	56	49	44	54	48	44	53	48	43	42
8	66	53	46	40	64	53	45	40	52	45	40	50	44	40	49	44	40	38
9	62	49	42	37	60	49	42	37	48	41	36	47	41	36	46	40	36	34
10	58	46	39	34	57	45	38	34	44	38	33	44	38	33	43	37	33	32

CB2-CPA-LED-12000L-15000L-21000L-DIM10-MVOLT-MD-30K-35K-40K-50K-85(21000L)

TEST NO.: **EL07072207** INPUT WATTS: 136.7 LUMENS: 17661 EFFICACY: 129 **BEAM ANGLE: 86** SPACING CRITERIA: 1.26



	-			-		·		0.7.0		
С	ANDELA	TABLE	LUMIN	ANCE (c	d/sq.m)	LUMENS	PER ZONE	ZON/	L LUME	N SUMMARY
	0°	90°		0.00°	90.00°	ZONE	LUMENS	ZONE	UMENS	% LUMINAIRE
0	° 8703	8703	0.00°	93674	93674	0° - 10°	826	0° - 20°	3191	18%
10	o° 8621	8565	45.00°	67368	58330	10° - 20°	2365	0° - 30°	6749	38%
20	o° 8268	8106	55.00°	37225	39701	20° - 30°	3558	0° - 40°	10710	61%
30	o° 7488	7191	65.00°	25214	32792	30° - 40°	3961	0° - 60°	15419	87%
40	o° 5782	5220	75.00°	36117	28032	40° - 50°	2949	0° - 80°	17340	98%
50	o° 2981	2850	85.00°	51355	39743	50° - 60°	1759	0° - 90°	17661	100%
60	o° 1348	1620				60° - 70°	1132			
70	o° 901	951				70° - 80°	789			
80	o° 647	562				80° - 90°	322			
90	o∘ 99	8								

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	241.7 fc	11.2 ft	11.3 ft
8.0 ft	136.0 fc	14.9 ft	15.0 ft
10.0 ft	87.0 fc	18.6 ft	18.8 ft
12.0 ft	60.4 fc	22.3 ft	22.5 ft
14.0 ft	44.4 fc	26.1 ft	26.3 ft
16.0 ft	34.0 fc	29.8 ft	30.0 ft
18.0 ft	26.9 fc	33.5 ft	33.8 ft
20.0 ft	21.8 fc	37.2 ft	37.5 ft

CONE OF LIGHT

INDOOR COEFFICIENTS OF UTILIZATION																		
ρf									20%									0%
ρς		80	1%			70	1%			50%			30%	6 10%				0%
ρw	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	102	102	102	100
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75
3	94	85	78	72	92	83	77	71	80	75	70	78	73	69	75	71	68	66
4	87	77	69	63	85	75	68	62	73	67	62	71	65	61	69	64	60	58
5	81	69	61	56	79	68	61	55	66	60	55	64	59	54	63	58	54	52
6	75	63	55	50	74	62	55	49	61	54	49	59	53	49	58	52	48	46
7	70	58	50	45	69	57	50	44	56	49	44	55	48	44	53	48	44	42
8	66	54	46	40	64	53	45	40	52	45	40	50	44	40	49	44	40	38
9	62	49	42	37	61	49	42	37	48	41	37	47	41	36	46	40	36	34
10	58	46	39	34	57	45	38	34	44	38	34	44	38	33	43	37	33	32

CB2-CPA-LED-24000L-27000L-30000L-DIM10-MVOLT-MD-30K-35K-40K-50K-85(24000L) TEST NO.: **EL07072206** INPUT WATTS: 169.6 LUMENS: 22913 EFFICACY: 135 BEAM ANGLE: 86 SPACING CRITERIA: 1.25 **CANDELA DISTRIBUTION LUMENS PER ZONE ZONAL LUMEN SUMMARY CANDELA TABLE** LUMINANCE (cd/sq.m) 1000 2000 3000 4000 ٥° 90° 0.00° 90.00° ZONE LUMENS ZONE UMENS % LUMINAIRE 11385 11385 0.00° 61274 61274 0° - 10° 1080 0° - 20° 4172 10° 11235 40666 10° - 20° 0° - 30° 8849 45.00° 700 5000 6000 7000 8000 9000 10703 10664 22385 26346 20° - 30° 4677 0° - 40° 14079 61% 20° 55 00°

65.00°

75 00°

85.00°

15117

18853

16696

21268

18388

24290

9568

6814

3801

2121

1243

729

EFFICACY: 131

9689 30°

1069

17 90°

40° 7164

50° 3525

60° 1613

80° 630

CONE OF LIGHT

30°

10° 20°

10000

MOUNTING	FC AT	BEAM	BEAM DIA.
HEIGHT	BEAM	DIA.	90°-270°
	CENTER	0°-180°	
6.0 ft	316.3 fc	11.2 ft	11.2 ft
8.0 ft	177.9 fc	14.9 ft	15.0 ft
10.0 ft	113.9 fc	18.7 ft	18.7 ft
12.0 ft	79.1 fc	22.4 ft	22.4 ft
14.0 ft	58.1 fc	26.1 ft	26.2 ft
16.0 ft	44.5 fc	29.9 ft	29.9 ft
18.0 ft	35.1 fc	33.6 ft	33.7 ft
20.0 ft	28.5 fc	37.3 ft	37 4 ft

30° - 40°

40° - 50°

50° - 60°

60° - 70°

70° - 80°

80° - 90°

5230

3887

2269

1405

940

0° - 60° 20234

0° - 80° 22580

0° - 90° 22913

88%

99%

100%

						IND	OOR C	OEFFI	CIENT	S OF U	TILIZ	ATION						
ρf									20%									0%
ρс		80)%			70)%			50%			30%			10%		0%
ρw	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	102	102	102	100
1	110	106	103	99	108	104	101	98	100	97	95	96	94	92	93	91	89	87
2	102	95	89	84	100	93	88	83	90	85	81	87	83	80	84	81	78	76
3	94	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	68	66
4	88	77	69	63	85	76	69	63	73	67	62	71	66	61	69	64	61	59
5	81	70	62	56	79	69	61	56	67	60	55	65	59	55	63	58	54	52
6	76	64	56	50	74	63	55	50	61	54	49	60	54	49	58	53	49	47
7	71	59	51	45	69	58	50	45	56	50	45	55	49	44	54	48	44	42
8	66	54	46	41	65	53	46	41	52	45	40	51	45	40	50	44	40	38
9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	35
10	E0	46	20	24	57	16	20	24	45	20	24	4.4	20	24	49	20	24	20

CB2-CPA-LED-24000L-27000L-30000L-DIM10-MVOLT-MD-30K-35K-40K-50K-85(27000L)

TEST NO.: **EL07072206** SPACING CRITERIA: 1.23 x 1.23

NPUT WATTS: 189.6	LUMENS: 24874
CANDELA DISTRIB	UTION (
1000	90°
2000 3000	80° C
4000	70° 10
5000 6000	/ /0°
7000	60° 30
8000 9000)° 41
10000 40°	50
11000 12000 30°	6
13000 10° 20°	71

CANDELA TABLE		LUMIN	ANCE (c	d/sq.m)		LUMENS	PER ZONE	ZON	ZONAL LUMEN SUMMARY					
	0°	90°		0.00°	90.00°		ZONE	LUMENS	ZONE	UMENS	% LUMINAIRE			
0°	12349	12349	0.00°	66464	66464		0° - 10°	1172	0° - 20°	4527	18%			
10°	12139	12151	45.00°	38894	41669		10° - 20°	3355	0° - 30°	9603	39%			
20°	11503	11519	55.00°	21635	28631		20° - 30°	5077	0° - 40°	15304	62%			
30°	10315	10332	65.00°	15277	22918		30° - 40°	5700	0° - 60°	21960	88%			
40°	7390	7374	75.00°	19594	19497		40° - 50°	4209	0° - 80°	24498	98%			
50°	3410	4131	85.00°	17322	26036		50° - 60°	2447	0° - 90°	24874	100%			
60°	1553	2297					60° - 70°	1514						
70°	1159	1340					70° - 80°	1024						
80°	656	786					80° - 90°	376						
000	10	10												

BEAM ANGLE: 86

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENT <mark>ER</mark>	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°
6.0 ft	343.0 fc	11.2 ft	11.2 ft
8.0 ft	193.0 fc	15.0 ft	15.0 ft
10.0 ft	123.5 fc	18.7 ft	18.7 ft
12.0 ft	85.8 fc	22.4 ft	22.5 ft
14.0 ft	63.0 fc	26.2 ft	26.2 ft
16.0 ft	48.2 fc	29.9 ft	30.0 ft
18.0 ft	38.1 fc	33.7 ft	33.7 ft
20.0 ft	30.9 fc	37.4 ft	37.5 ft

INDOOR COEFFICIENTS OF UTILIZATION

ρf									20%	20%											
ρс		80)%			70	1%			50%			30%			10%		0%			
ρw	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	102	102	102	100			
1	110	106	103	99	108	104	101	98	100	97	95	96	94	92	93	91	89	87			
2	102	95	89	84	100	93	88	83	90	85	81	87	83	80	84	81	78	76			
3	94	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	68	66			
4	88	77	69	63	85	76	69	63	73	67	62	71	66	61	69	64	61	59			
5	81	70	62	56	79	69	61	56	67	60	55	65	59	55	63	58	54	52			
6	76	64	56	50	74	63	55	50	61	54	49	60	54	49	58	53	49	47			
7	71	59	51	45	69	58	50	45	56	50	45	55	49	44	54	48	44	42			
8	66	54	46	41	65	53	46	41	52	45	40	51	45	40	50	44	40	38			
9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	35			
10	58	46	39	34	57	46	39	34	45	38	34	44	38	34	43	38	34	32			

CB2-CPA-LED-24000L-27000L-30000L-DIM10-MVOLT-MD-30K-35K-40K-50K-85(30000L)

TEST NO.: **EL07072206**

CANDELA D	ISTRIBUTION
1000	90°
2000	
3000 4000	80°
5000	70°
6000 7000	
8000	60°
9000 10000	50°
11000 12000	40°
13000	30°
14000 10° 20°	

INPUT WATTS: 213.8

LUMENS: 273	18	EF	FICACY: 12	28	BEAM	ANGLE: 86		SP	ACING CR	ITERIA:	1.23 x 1.23			
TION C		NDELA	TABLE	LUMIN	ANCE (c	d/sq.m)	LUMENS	PER ZONE	ZON	ZONAL LUMEN SUMMARY				
90°		0°	90°		0.00°	90.00°	ZONE	LUMENS	ZONE	UMENS	% LUMINAIRE			
80°	0°	13559	13559	0.00°	72973	72973	0° - 10°	1287	0° - 20°	4970	18%			
70°	10°	13322	13359	45.00°	42727	45846	10° - 20°	3683	0° - 30°	10544	39%			
/0"	20°	12625	12659	55.00°	23739	31500	20° - 30°	5574	0° - 40°	16808	62%			
50°	30°	11328	11358	65.00°	16767	25197	30° - 40°	6264	0° - 60°	24121	88%			
	40°	8130	8136	75.00°	21490	21414	40° - 50°	4624	0° - 80°	26906	98%			
	50°	3743	4543	85.00°	18906	28683	50° - 60°	2689	0° - 90°	27318	100%			
	60°	1704	2525				60° - 70°	1662						
	70°	1274	1473				70° - 80°	1122						
	80°	721	865				80° - 90°	412						
	90°	13	11											

CONE OF LIGHT

INDOOR COEFFICIENTS OF UTILIZATION

				ρf									20%									0%
MOUNTING	FC AT	BEAM	BEAM DIA.	ρς		80)%			70	1%			50%			30%			10%		0%
HEIGHT	BEAM	DIA.	90°-270°	ρw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
	CENTER	0°-180°		0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
6.0 ft	376.6 fc	11.2 ft	11.2 ft	1	110	106	103	99	108	104	101	98	100	97	95	96	94	92	93	91	89	87
8.0 ft	211.9 fc	15.0 ft	15.0 ft	2	102	95	89	84	100	93	88	83	90	85	81	87	83	80	84	81	78	76
10.0 ft	135.6 fc	18.7 ft	18.7 ft	3	94	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	68	66
12.0 ft	94.2 fc	22.4 ft	22.5 ft	4	88	77	69	63	85	76	69	63	73	67	62	71	66	61	69	64	61	59
14.0 ft	69.2 fc	26.2 ft	26.2 ft	5	81	70	62	56	79	69	61	56	67	60	55	65	59	55	63	58	54	52
16.0 ft	53.0 fc	29.9 ft	30.0 ft	6	76	64	56	50	74	63	55	50	61	54	49	60	54	49	58	53	49	47
18.0 ft	41.8 fc	33.7 ft	33.7 ft	7	71	59	51	45	69	58	50	45	56	50	45	55	49	44	54	48	44	42
20.0 ft	33.9 fc	37.4 ft	37.5 ft	8	66	54	46	41	65	53	46	41	52	45	40	51	45	40	50	44	40	38
				9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	35
				10	58	46	39	34	57	46	39	34	45	38	34	44	38	34	43	38	34	32