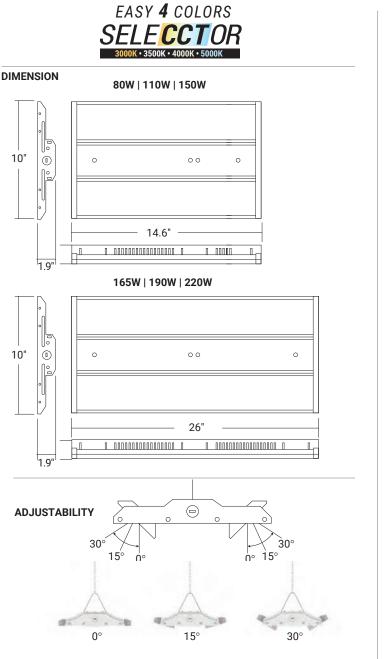


# **CB2-CPA-LED** Architectural CCT/Lumen select LED High

ADJUSTABILITY





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



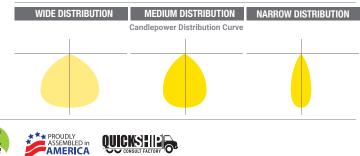
# **FEATURES**

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,

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE								
PHOTOMETRIC TESTS	In Accordance with IES LM79- TM-21	-08, LM80 and TM-30,								
LIFETIME	L70 at 167,000 Hours									
EMERGENCY	10W - Up to 1000L output 20W - Up to 2000L output EMG-LED-G2-10W-SDT - Sel EMG-LED-G2-20W-SDT - Sel GTD-UL924									
DIMMING	0-10V Flicker Free 5% Dimm	ing Standard (DIM10)								
DISTRIBUTION	Wide (WD), Medium (MD), Narrow (ND)									
MOUNTING	Suspended, Ceiling and Stem mount Wide (WD), Medium (MD), Narrow (ND)									
COLOR QUALITY	3 Step MacAdam Ellipse									
CRI	85+ Standard									
ССТ	30K/35K/40K/50K									
LUMENS	12000, 15000, 21000L 24000L, 27000L, 30000L									

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%





LOCATION

ŰL

LISTED

US

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information. RS160719



### **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.

## **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.

#### **CCT OPTION**

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.

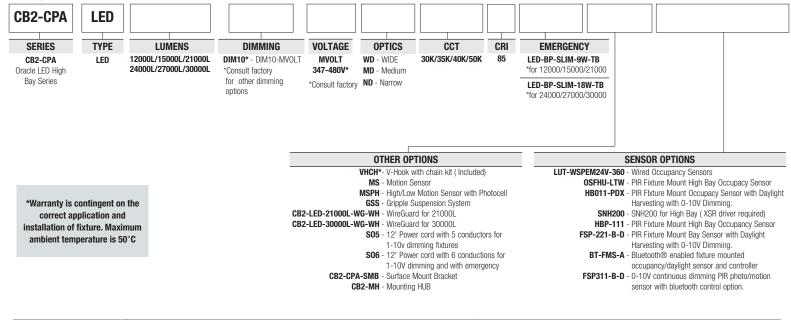
### WARRANTY

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.

## Example: CB2-CPA-LED-1200L/15000L/21000L-DIM10-MVOLT-WD-30K/35K/40K/50K-85







## MOUNTING OPTION

Pendant

Mounting Standard



Mounting



Celing

Mounting



3

Stem Mounting

## MOUNTING ACCESSORIES



CB2-CPA-SMB Surface Mount Bracket



CB2-CPA-MH Mounting HUB



V-hook with chain kit



Gripple Suspension System



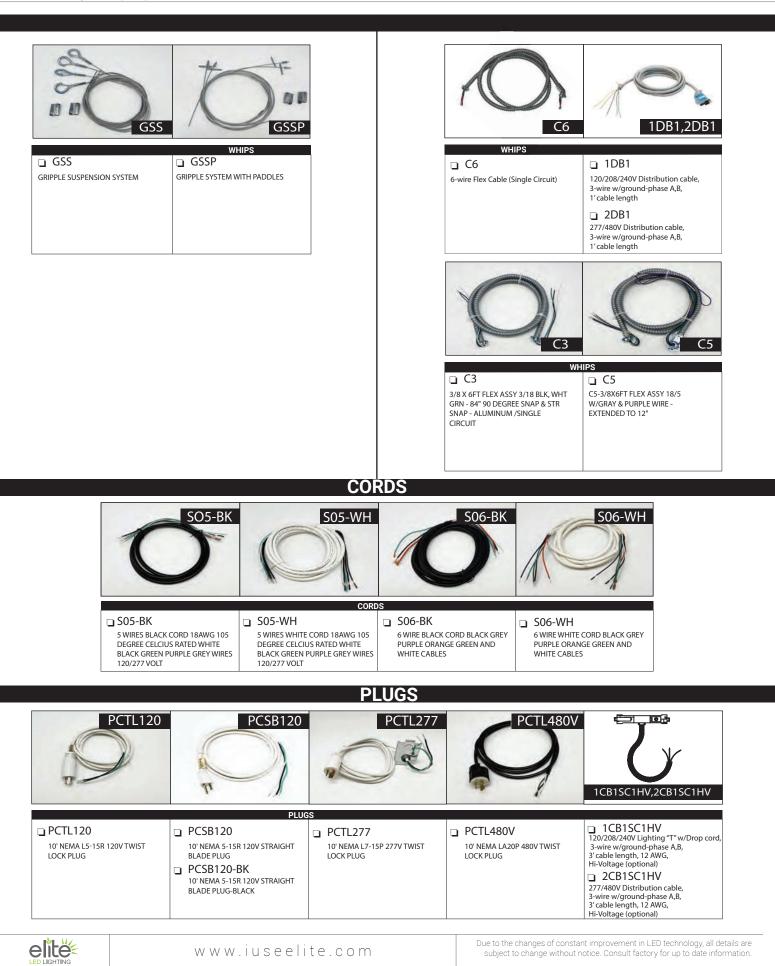
CB2-LED-21000L-WG-WH CB2-LED-30000L-WG-WH Wireguard







# CB2-CPA-LED Architectural CCT/Lumen select LED High





## 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.

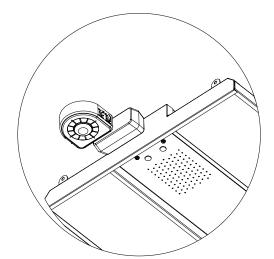
#### Luminaire will be shipped with Powerpacks pre-installed, ready to be integrated to designated contol systems

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	<b>L</b> iegrand <sup>®</sup>
		OSFHU-LTW DD Finture Mount High Day		<ul> <li>HBP-111</li> <li>PIR Fixture Mount High Bay Occupancy Sensor</li> </ul>
HIGH BAY Sensors	LUT-WSPEM24V-360-xx1-CPN6112 Wired Occupancy Sensors	PIR Fixture Mount High Bay Occupancy Sensor	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

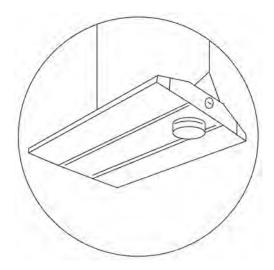
□ FSP-321B-D-L7-BR (120-480V)

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 SPACING CRITERIA: 1.26

INPUT WATTS: 87.2	LUMENS: <b>12256</b>		EFF <b>I</b> CACY	: 141	В	EAM ANG	GLE: <b>86</b>		SPAC	ING CF	RITERIA: 1.26
CANDELA DISTRIBU	TION CAN	IDELA '	TABLE	LUMIN	ANCE (c	d/sq.m)	LUMENS	PER ZONE	ZONA	L LUME	N SUMMARY
500	90°	0°	90°		0.00°	90.00°	ZONE	LUMENS	ZONE	UMENS	% LUMINAIRE
1000 1500	80° 0°	6026	6026	0.00°	64865	64865	0° - 10°	572	0° - 20°	2208	18%
2000 2500 3000	70° 10°	5963	5935	45.00°	46487	40515	10° - 20°	1637	0° - 30°	4675	38%
3000	20°	5717	5606	55.00°	25674	27587	20° - 30°	2467	0° - 40°	7420	61%
3500 4000	<sup>50°</sup> 30°	5191	5002	65.00°	17794	22946	30° - 40°	2745	0° - 60°	10686	87%
4500 50°	40°	3995	3621	75.00°	25048	19518	40° - 50°	2044	0° - 80°	12029	98%
5000 5500 40°	50°	2054	1979	85.00°	35687	27514	50° - 60°	1222	0° - 90°	12256	100%
60 <mark>00 30°</mark>	60°	932	1126				60° - 70°	792			
6500 10° 20°	70°	636	674				70° - 80°	551			
	80°	448	390				80° - 90°	227			
	90°	69	5								

c	ONE OF LIG	GHT								IND	OOR	OEFF	CIENT	S OF L	JTILIZ/	TION						
				ρf									20%									0%
MOUNTING	FC AT	BEAM	BEAM DIA.	ρς		80	0%			70	)%			50%			30%			10%		0%
HEIGHT	BEAM	DIA.	90° <b>-</b> 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	167. <mark>4 fc</mark>	11.2 ft	11.3 ft	1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
8.0 ft	94 <mark>.</mark> 2 fc	14.9 ft	15.0 ft	2	102	94	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75
10.0 ft	60.3 fc	18.6 ft	18.8 ft	3	94	85	78	72	92	83	77	71	80	75	70	78	73	69	75	71	68	66
12.0 ft	41.8 fc	22.3 ft	22.5 ft	4	87	76	69	63	85	75	68	62	73	67	62	71	65	61	69	64	60	58
14.0 ft	30.7 fc	26.0 ft	26.3 ft	5	81	69	61	55	79	68	61	55	66	60	55	64	59	54	63	58	54	52
16.0 ft	23.5 fc	29.8 ft	30.0 ft	6	75	63	55	49	74	62	55	49	61	54	49	59	53	48	58	52	48	46
18.0 ft	18.6 fc	33.5 ft	33.8 ft	7	70	58	50	44	69	57	50	44	56	49	44	54	48	44	53	48	43	42
20.0 ft	15.1 fc	37.2 ft	37.5 ft	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

34 57 45

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

10 58 46

39

TEST NO.: EL07072207

33 32

38 34 44 38 33 44 38 33 43 37

INPUT WATTS: 110.3	LUMENS: <b>14951</b>	E	FFICAC	Y: 136	E	BEAM AN	GLE: 86		SPAC	NG CF	ITERIA: 1.26
CANDELA DISTRIBUTIO		ELA TA	BLE	LUMIN	ANCE (c		LUMENS I	PER ZONE			N SUMMARY
500	90°	0°	90°		0.00°	90.00°	ZONE	LUMENS	ZONE	UMENS	% LUMINAIRE
1000 1500 2500 3000 3000 3000 4500 5500 5500 5500 5	80° <u>0</u> ° 73	348	7348	0.00°	79097	79097	0° - 10°	698	0° - 20°	2694	18%
2500	10° 7	275	7235	45.00°	56976	49528	10° - 20°	1997	0° - 30°	5704	38%
3000 3500	20° 6	975	6845	55.00°	31489	33768	20° - 30°	3010	0° - 40°	9054	61%
4000 4500	30° 6	348	6106	65.00°	21733	27855	30° - 40°	3350	0° - 60°	13042	87%
5000 50°	40° 4	895	4428	75.00°	30595	23772	40° - 50°	2496	0° - 80°	14676	98%
6000 40°	50° 2	521	2424	85.00°	43667	33865	50° - 60°	1492	0° - 90°	14951	100%
6500 7000 30°	60° 1	140	1379				60° - 70°	963			
7500 10° 20°	70° 7	776	822				70° - 80°	671			
	80° 5	549	476				80° - 90°	275			
	90°	85	6								

c	ONE OF LIC	GHT								IND	OOR C	OEFFI	CIENT	S OF U	TILIZ/	ATION						
				ρf									20%									0%
MOUNTING	FC AT	BEAM	BEAM DIA.	ρc		80	)%			70	%			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	204.1 fc	11.2 ft	11.3 ft	1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
8.0 ft	114.8 fc	14.9 ft	15.0 ft	2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75
10.0 ft	73.5 fc	18.6 ft	18.8 ft	3	94	85	78	72	92	83	77	71	80	75	70	78	73	69	75	71	68	66
12.0 ft	51.0 fc	22.3 ft	22.5 ft	4	87	77	69	63	85	75	68	62	73	67	62	71	65	61	69	64	60	58
14.0 ft	37.5 fc	26.0 ft	26.3 ft	5	81	69	61	55	79	68	61	55	66	60	55	64	59	54	63	58	54	52
16.0 ft	28.7 fc	29.8 ft	30.0 ft	6	75	63	55	49	74	62	55	49	61	54	49	59	53	48	58	52	48	46
18.0 ft	22.7 fc	33.5 ft	33.8 ft	7	70	58	50	44	69	57	50	44	56	49	44	54	48	44	53	48	43	42
20.0 ft	18.4 fc	37.2 ft	37.6 ft	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

57 45 38 34 44 38 33

44 38

34

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

10 58 46 39

TEST NO.: EL07072207

33 32

33 43 37

INPUT WATTS: 136.7	LUMENS: 17661	EFFICA	CY: <b>129</b>	E	BEAM ANG	GLE: <b>86</b>		SPAC	ING CF	RITERIA: 1.26
CANDELA DISTRIBUTI		.A TABLE	LUMIN	ANCE (c	d/sq.m)	LUMENS P	PER ZONE	ZON	L LUME	N SUMMARY
1000	-90° 0	° 90°		0.00°	90.00°	ZONE	LUMENS	ZONE	UMENS	% LUMINAIRE
2000	80° <u>0° 87</u> 0	03 8703	0.00°	93674	93674	0° - 10°	826	0° - 20°	3191	18%
3000	0° 10° 862	21 8565	45.00°	67368	58330	10° - 20°	2365	0° - 30°	6749	38%
4000	20° 826	68 8106	55.00°	37225	39701	20° - 30°	3558	0° - 40°	10710	61%
50 <mark>00 60°</mark>	30° 748	88 7191	65.00°	25214	32792	30° - 40°	3961	0° - 60°	15419	87%
60 <mark>00 50</mark> °	40° 578	82 5220	75.00°	36117	28032	40° - 50°	2949	0° - 80°	17340	98%
7000 40°	50° 298	81 2850	85.00°	51355	39743	50° - 60°	1759	0° - 90°	17661	100%
8000 30°	60° 134	48 1620				60° - 70°	1132			
90 <mark>00 10° 20°</mark>	70° 90	1 951				70° - 80°	789			
	80° 64	7 562				80° - 90°	322			
	90° 99	98								

### CONE OF LIGHT

с	ONE OF LIC	ЭНТ								IND	OOR C	OEFFI	CIENT	S OF U	TILIZA	TION						
				ρf									20%									0%
MOUNTING	FC AT	BEAM	BEAM DIA.	ρς		80	1%			70	%			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	241.7 fc	11.2 ft	11.3 ft	1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
8.0 ft	136.0 fc	14.9 ft	15.0 ft	2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75
10.0 ft	87.0 fc	18.6 ft	18.8 ft	3	94	85	78	72	92	83	77	71	80	75	70	78	73	69	75	71	68	66
12.0 ft	60.4 fc	22.3 ft	22.5 ft	4	87	77	69	63	85	75	68	62	73	67	62	71	65	61	69	64	60	58
14.0 ft	44.4 fc	26.1 ft	26.3 ft	5	81	69	61	56	79	68	61	55	66	60	55	64	59	54	63	58	54	52
16.0 ft	34.0 fc	29.8 ft	30.0 ft	6	75	63	55	50	74	62	55	49	61	54	49	59	53	49	58	52	48	46
18.0 ft	26.9 fc	33.5 ft	33.8 ft	7	70	58	50	45	69	57	50	44	56	49	44	55	48	44	53	48	44	42
20.0 ft	21.8 fc	37.2 ft	37.5 ft	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 SPACING CRITERIA: 1.25

						. /				
INPUT WATTS: 169.6	LUMENS: 22913	EFFIC	ACY: 135	E	BEAM AN	GLE: <b>86</b>		SPAC	ING CF	RITERIA: 1.25
CANDELA DISTRIBUTIO		LA TABLE	LUMIN	ANCE (c	d/sq.m)	LUMENS I	PER ZONE	ZON/	L LUME	N SUMMARY
1000	90°O	° 90°		0.00°	90.00°	ZONE	LUMENS	ZONE	UMENS	% LUMINAIRE
2000	30° 0° 113	85 11385	0.00°	61274	61274	0° - 10°	1080	0° - 20°	4172	18%
4000	10° 112	35 11254	45.00°	40666	38472	10° - 20°	3092	0° - 30°	8849	39%
5000	20° 107	03 10664	55.00°	22385	26346	20° - 30°	4677	0° - 40°	14079	61%
6000 7000 60°	30° 968	39 9568	65.00°	15117	21268	30° - 40°	5230	0° - 60°	20234	88%
80 <mark>00 50°</mark>	40° 710	6814	75.00°	18853	18388	40° - 50°	3887	0° - 80°	22580	99%
9000 10000 40°	50° 352	25 3801	85.00°	16696	24290	50° - 60°	2269	0° - 90°	22913	100%
11000 30°	60° 16 <sup>.</sup>	13 2121				60° - 70°	1405			
12000 10° 20° 0° 10°	70° 10	69 1243				70° - 80°	940			
	80° 63	0 729				80° - 90°	333			
	90° 1	79								

c	ONE OF LI	GHT								IND	OOR C	OEFFI	CIENT	S OF L	ITILIZ/	ATION						
				ρf									20%									0%
MOUNTING	FC AT	BEAM	BEAM DIA.	ρс		80	0%			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	316. <mark>3</mark> 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	177.9 fc	14.9 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	113.9 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	79.1 fc	22.4 ft	22.4 ft	4	88	77	69	63	85	76	69	63	73	67	62	71	66	61	69	64	61	59
14.0 ft	58.1 fc	26.1 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	44.5 fc	29.9 ft	29.9 ft	6	76	64	56	50	74	63	55	50	61	54	49	60	54	49	58	53	49	47
18.0 ft	35.1 fc	33.6 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	28.5 fc	37.3 ft	37.4 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

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

TEST NO.: EL07072206

34 32

VDL-VFA-LLD-L+VVVL	-210006-000006-01		0-1011			/IX-401		10006		1201	NO	
INPUT WATTS: 189.6	LUMENS: 24874		EFF	-ICACY: <b>131</b>		BEAM	ANGLE: <b>86</b>		SP	ACING CR	TERIA:	1.23 x 1.23
CANDELA DISTRI	BUTION C	CAN	IDELA '	TABLE	LUMIN	ANCE (c	d/sq₌m)	LUMENS	PER ZONE	ZON	L LUME	N SUMMARY
1000	90°		0°	90°		0.00°	90.00°	ZONE	LUMENS	ZONE	UMENS	% LUMINAIRE
2000 3000	80° (	Э°	12349	12349	0.00°	66464	66464	0° - 10°	1172	0° - 20°	4527	18%
4000	70° 1	0°	12139	12151	45.00°	38894	41669	10° - 20°	3355	0° - 30°	9603	39%
5000 6000		0°	11503	11519	55.00°	21635	28631	20° - 30°	5077	0° - 40°	15304	62%
7000 8000	60° 3	0°	10315	10332	65.00°	15277	22918	30° - 40°	5700	0° - 60°	21960	88%
	50° 4	0°	7390	7374	75.00°	19594	19497	40° - 50°	4209	0° - 80°	24498	98%
10000 11000 40°	5	0°	3410	4131	85.00°	17322	26036	50° - 60°	2447	0° - 90°	24874	100%
12000 30°	6	0°	1553	2297				60° - 70°	1514			
13000 10° 20° 0° 10°	7	°0	1159	1340				70° - 80°	1024			
	8	0°	656	786				80° - 90°	376			
	9	0°	12	10								

c	INDOOR COEFFICIENTS OF UTILIZATION																					
	ρf	ρf 20%																				
MOUNTING	MOUNTING FC AT BEAM		BEAM DIA.	ρc		80%			70%				50%			30%			10%			0%
HEIGHT	BEAM	DIA.	90° <b>-</b> 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	343.0 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	193.0 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	123.5 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	85.8 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	63.0 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	48.2 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	38.1 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	30.9 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

57 46 39 34

45 38

INDOOR COEFFICIENTS OF UTILIZATION

34

44 38

34

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

10 58 46 39

TEST NO.: EL07072206

34

32

34 43 38

INPUT WATTS: 213.8	LUMENS: 27318	E	FFICACY: 128	3	BEAM	ANGLE: <b>86</b>		S	PACING CR	TERIA:	1.23 x 1.23			
CANDELA DISTRIE	SUTION C		A TABLE	LUMIN	ANCE (c	d/sq.m)	LUMENS	PER ZONE	ZON	ZONAL LUMEN SUMMARY				
1000	90°	0°	90°		0.00°	90.00°	ZONE	LUMENS	ZONE	UMENS	% LUMINAIRE			
2000 3000	80° 0'	° 1355	9 13559	0.00°	72973	72973	0° - 10°	1287	0° - 20°	4970	18%			
4000 5000 6000 7000 8000 9000 9000 10000	70° 10	° 1332	2 13359	45.00°	42727	45846	10° - 20°	3683	0° - 30°	10544	39%			
6000	20	° 1262	5 12659	55.00°	23739	31500	20° - 30°	5574	0° - 40°	16808	62%			
8000	60° 30	° 1132	3 11358	65.00°	16767	25197	30° - 40°	6264	0° - 60°	24121	88%			
9000	50° 40	° 8130	8136	75.00°	21490	21414	40° - 50°	4624	0° - 80°	26906	98%			
11000 12000 40°	50	° 3743	4543	85.00°	18906	28683	50° - 60°	2689	0° - 90°	27318	100%			
13000 30°	60	)° 1704	2525				60° - 70°	1662						
14000 10° 20° 0° 10°	70	)° 1274	1473				70° - 80°	1122						
	80	)° 721	865				80° - 90°	412						
	90	)° 13	11											

### CONE OF LIGHT

MOUNTING	FC AT	BEAM	BEAM DIA.	ρf ρc		80	1%			70	1%		20%	50%			30%			10%		0% 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