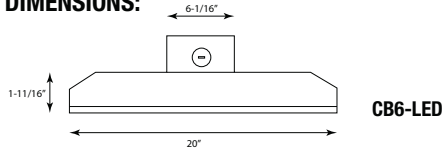
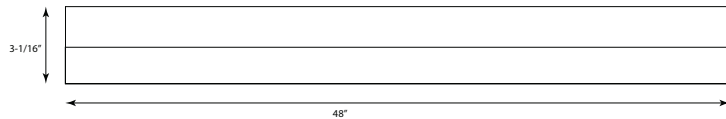


DIMENSIONS:



CB6-LED



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
36000	34037	241 W
30000	29980	200 W
28000	30392	193 W
24000	24312	168 W
20000	23725	153 W

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

HIGH PERFORMANCE OPTION

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
28000	27850	172 W
24000	25604	155 W
20000	20580	121 W

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

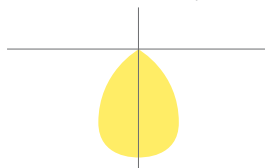
FEATURES

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	20000L, 24000L, 28000L, 30000L, 36000L
CCT	30K, 35K, 40K, 50K, 57K
CRI	85+ Standard
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	20"X4'
MOUNTING	Suspended
DISTRIBUTION	Wide (WD), Narrow (ND)
DIMMING	0-10V Flicker Free 1% 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
OPERATING TEMPERATURE	-20°C to 55°C

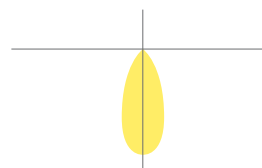
WD: WIDE

Candle Power Distribution (Candelas)



ND: NARROW

Candle Power Distribution (Candelas)



OPTICAL SYSTEM

The luminaire provides a Wide (W) or Narrow (N) distribution with different shielding options and ships standard with a frosted acrylic lens on a reinforced hinge door 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.

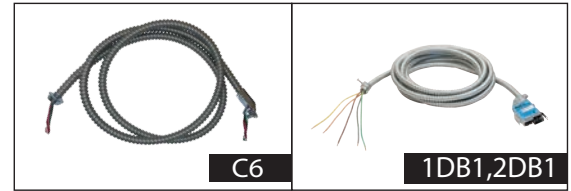
Ordering Information: Example: CB6-LED-24000L-DIM10-MVOLT-WD-30K-85

CB6	LED										
SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	OPTICS	CCT	CRI	EMERGENCY			
CB6-Oracle LED High Bay Series	LED	20000L - (20000 lumens) 24000L - (24000 lumens) 28000L - (28000 lumens) 30000L - (30000 lumens) 36000L - (36000 lumens)	DIM10* - DIM10-MVOLT *Consult factory for other dimming options	MVOLT 347* 480 * Consult factory for details	WD - WIDE ND - NARROW	30K - (3000K) 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 GTD-UL924 (listed bodine GTD factory installs on drive input) *Consult factory for details			
WIRING OPTIONS			SHIELDING OPTIONS			OTHER OPTIONS					
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			CB6LED-WGDF - Wireguard with Door frame Wide (W) distribution ships standard with a diffuser frosted acrylic lens Narrow (N) distribution ships standard with no lens			VHCH - V-Hook with chain kit MH - Mounting Hub CB6-CL - Clear Lens GSS - Gripple Suspension System GSSP - Gripple System with Paddles MS - Motion Sensor MSPH - Motion Sensor with Photocell MS-DIM10-PH - P.I.R. Motion Sensor & Photocell, hi/low/off Dimming Adjustable with Handheld Wireless Configuration MS-W-PI-DIM10-PH - Passive InfraRed Motion Sensor 0-10V Dimming Adjustable with Handheld Wireless Configuration MS-W-CON - InfraRed Remote Setup Controller for MS-W-PI-DIM10-PH FSP311-B-D - 0-10V continuous dimming PIR photo/motion sensor with bluetooth control option. (120-480V) FSP-311B-D-L7-BR - 0-10V continuous dimming PIR photo/motion sensor with bluetooth control option. USA - Made in America Compliance OFD12-IOW IP66 PIR Side Mount Sensors with Bluetooth™ Connectivity and UV Stable Plasti HP - High Performance ¹					

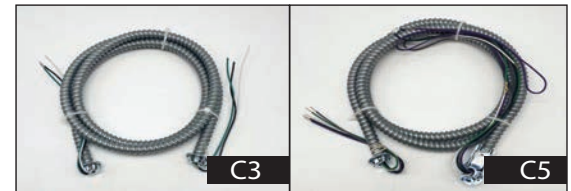
¹ High Performance platform only available for 3500K, 4000K and 5000K AT 85CRI



WHIPS	
<input type="checkbox"/> GSS GRIPPLE SUSPENSION SYSTEM	<input type="checkbox"/> GSSP GRIPPLE SYSTEM WITH PADDLES



WHIPS	
<input type="checkbox"/> C6 6-wire Flex Cable (Single Circuit)	<input type="checkbox"/> 1DB1 120/208/240V Distribution cable, 3-wire w/ground-phase A,B, 1' cable length <input type="checkbox"/> 2DB1 277/480V Distribution cable, 3-wire w/ground-phase A,B, 1' cable length



WHIPS	
<input type="checkbox"/> C3 3/8 X 6FT FLEX ASSY 3/18 BLK, WHT GRN - 84" 90 DEGREE SNAP & STR SNAP - ALUMINUM /SINGLE CIRCUIT	<input type="checkbox"/> C5 C5-3/8X6FT FLEX ASSY 18/5 W/GRAY & PURPLE WIRE - EXTENDED TO 12"

CORDS



CORDS			
<input type="checkbox"/> S05-BK 5 WIRES BLACK CORD 18AWG 105 DEGREE CELCIUS RATED WHITE BLACK GREEN PURPLE GREY WIRES 120/277 VOLT	<input type="checkbox"/> S05-WH 5 WIRES WHITE CORD 18AWG 105 DEGREE CELCIUS RATED WHITE BLACK GREEN PURPLE GREY WIRES 120/277 VOLT	<input type="checkbox"/> S06-BK 6 WIRE BLACK CORD BLACK GREY PURPLE ORANGE GREEN AND WHITE CABLES	<input type="checkbox"/> S06-WH 6 WIRE WHITE CORD BLACK GREY PURPLE ORANGE GREEN AND WHITE CABLES

PLUGS



PLUGS				
<input type="checkbox"/> PCTL120 10' NEMA L5-15R 120V TWIST LOCK PLUG	<input type="checkbox"/> PCSB120 10' NEMA 5-15R 120V STRAIGHT BLADE PLUG <input type="checkbox"/> PCSB120-BK 10' NEMA 5-15R 120V STRAIGHT BLADE PLUG-BLACK	<input type="checkbox"/> PCTL277 10' NEMA L7-15P 277V TWIST LOCK PLUG	<input type="checkbox"/> PCTL480V 10' NEMA LA20P 480V TWIST LOCK PLUG	<input type="checkbox"/> 1CB1SC1HV 120/208/240V Lighting "T" w/Drop cord, 3-wire w/ground-phase A,B, 3' cable length, 12 AWG, Hi-Voltage (optional) <input type="checkbox"/> 2CB1SC1HV 277/480V Distribution cable, 3-wire w/ground-phase A,B, 3' cable length, 12 AWG, Hi-Voltage (optional)

TEST NO.: **EL0418228**

SPACING CRITERIA: **0.72**

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°	20%																			0%	
				80%					70%					50%					30%				10%	0%
				pc	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
6.0 ft	328.2 fc	5.0 ft	16.9 ft	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99		
8.0 ft	184.6 fc	6.7 ft	22.5 ft	1	109	105	100	97	106	102	99	95	98	95	92	94	91	89	90	88	86	84		
10.0 ft	118.2 fc	8.4 ft	28.2 ft	2	100	92	86	80	97	90	84	79	86	81	77	83	79	75	80	77	73	71		
12.0 ft	82.1 fc	10.1 ft	33.8 ft	3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	71	67	63	61		
14.0 ft	60.3 fc	11.8 ft	39.4 ft	4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	64	59	55	53		
16.0 ft	46.2 fc	13.4 ft	45.1 ft	5	78	66	57	51	76	65	57	51	62	55	50	60	54	49	59	53	49	47		
18.0 ft	36.5 fc	15.1 ft	50.7 ft	6	72	60	51	45	71	59	51	45	57	50	44	55	49	44	54	48	44	42		
20.0 ft	29.5 fc	16.8 ft	56.3 ft	7	68	55	46	40	66	54	46	40	52	45	40	51	44	39	49	44	39	37		
				8	63	50	42	36	62	49	42	36	48	41	36	47	40	36	46	40	36	34		
				9	59	46	38	33	58	46	38	33	45	38	33	43	37	33	42	37	32	31		
				10	56	43	35	30	54	43	35	30	41	35	30	41	34	30	40	34	30	28		

TEST NO.: **EL04182286**

SPACING CRITERIA: **1.31**

CONE OF LIGHT

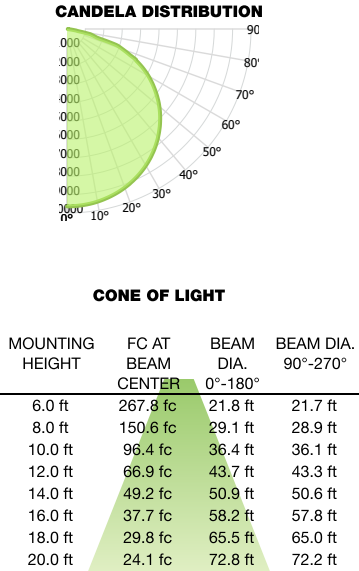
MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°	20%																		0%	
				80%				70%				50%				30%				10%	0%		
				pc	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
6.0 ft	209.1 fc	21.9 ft	21.7 ft	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99	
8.0 ft	117.6 fc	29.2 ft	28.9 ft	1	109	104	99	96	106	101	97	94	97	94	91	93	90	88	89	87	85	83	
10.0 ft	75.3 fc	36.4 ft	36.1 ft	2	98	90	83	77	96	88	82	76	84	79	74	81	76	72	78	74	71	68	
12.0 ft	52.3 fc	43.7 ft	43.3 ft	3	89	79	70	64	87	77	69	63	74	67	62	71	65	61	68	64	59	57	
14.0 ft	38.4 fc	51.0 ft	50.6 ft	4	82	69	60	54	79	68	60	53	65	58	52	63	57	51	61	55	51	48	
16.0 ft	29.4 fc	58.3 ft	57.8 ft	5	75	62	53	46	73	61	52	46	58	51	45	56	50	44	54	48	44	42	
18.0 ft	23.2 fc	65.6 ft	65.0 ft	6	69	55	46	40	67	54	46	40	52	45	39	51	44	39	49	43	38	36	
20.0 ft	18.8 fc	72.9 ft	72.2 ft	7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	38	34	32	
				8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	41	35	30	28	
				9	55	42	33	28	54	41	33	28	40	33	27	39	32	27	38	32	27	25	
				10	52	38	30	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23	

TEST NO.: **EL04182284**

SPACING CRITERIA: **0.67**

CONE OF LIGHT

MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°	20%																				0%
				80%				70%				50%				30%				10%				0%
				pc	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
				pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%		
6.0 ft	423.9 fc	5.2 ft	17.9 ft	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99		
8.0 ft	238.4 fc	6.9 ft	23.8 ft	1	109	105	101	97	106	102	99	95	98	95	92	94	91	89	90	88	86	84		
10.0 ft	152.6 fc	8.6 ft	29.8 ft	2	100	92	86	80	97	90	84	79	87	82	77	83	79	76	80	77	74	72		
12.0 ft	106.0 fc	10.3 ft	35.8 ft	3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	62		
14.0 ft	77.9 fc	12.0 ft	41.7 ft	4	85	73	65	59	82	72	64	58	69	63	57	67	61	56	65	60	56	54		
16.0 ft	59.6 fc	13.8 ft	47.7 ft	5	78	66	58	51	76	65	57	51	63	56	50	61	55	50	59	53	49	47		
18.0 ft	47.1 fc	15.5 ft	53.6 ft	6	73	60	52	46	71	59	51	45	57	50	45	56	49	44	54	48	44	42		
20.0 ft	38.2 fc	17.2 ft	59.6 ft	7	68	55	47	41	66	54	46	41	53	45	40	51	45	40	50	44	40	38		
				8	63	51	42	37	62	50	42	37	48	41	36	47	41	36	46	40	36	34		
				9	60	47	39	34	58	46	39	33	45	38	33	44	38	33	43	37	33	31		
				10	56	43	36	31	55	43	36	31	42	35	31	41	35	30	40	34	30	29		



CANDELA TABLE		LUMINANCE (cd/sq.m)		LUMENS PER ZONE		ZONAL LUMEN SUMMARY		
	0°	90°		0.00°	90.00°	ZONE	LUMENS	
0°	9639	9613		0.00°	34585	0° - 10°	914	0° - 20° 3561 12%
10°	9529	9493		45.00°	36301	10° - 20°	2647	0° - 30° 7665 25%
20°	9177	9142		55.00°	36665	20° - 30°	4104	0° - 40° 12761 42%
30°	8568	8537		65.00°	35845	30° - 40°	5096	0° - 60° 23420 77%
40°	7695	7605		75.00°	21591	40° - 50°	5483	0° - 80° 29749 98%
50°	6548	6419		85.00°	3585	50° - 60°	5176	0° - 90° 30117 99%
60°	5110	4941				60° - 70°	4118	
70°	3221	3179				70° - 80°	2210	
80°	528	1336				80° - 90°	369	
90°	42	58						

INDOOR COEFFICIENTS OF UTILIZATION																										
pf pc pw	80%				70%				20%				50%				30%				10%				0%	
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	0%				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	101	99							
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83								
2	98	90	83	77	96	88	82	76	84	79	74	81	76	72	78	74	71	68								
3	89	79	70	64	87	77	69	63	74	67	62	71	65	61	68	63	59	57								
4	82	69	60	53	79	68	60	53	65	58	52	63	56	51	60	55	51	48								
5	75	62	53	46	73	60	52	45	58	51	45	56	49	44	54	48	44	41								
6	69	55	46	40	67	54	46	39	52	45	39	51	44	39	49	43	38	36								
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	38	34	32								
8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	41	35	30	28								
9	55	42	33	28	54	41	33	28	40	33	27	39	32	27	38	32	27	25								
10	52	38	30	25	51	38	30	25	37	30	25	36	29	25	35	29	24	23								





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.

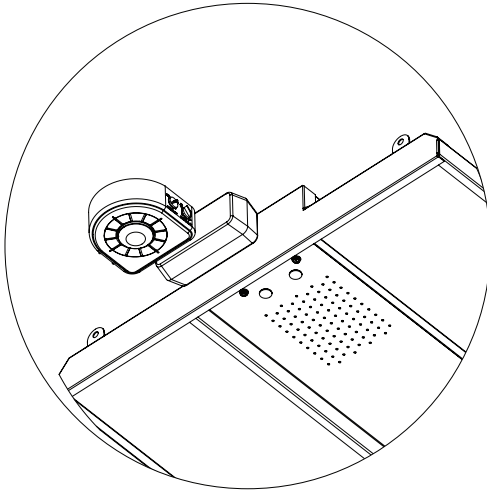
Luminaire will be shipped with Powerpacks pre-installed, ready to be integrated to designated control systems

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-321B-D-L7-BR(120-480V) 0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.
		<input type="checkbox"/> ZLDUZ-IOW - IP66 PIR Integrated Sensors with Bluetooth™ Connectivity and UV Stable Plastic		<input type="checkbox"/> FSP311-B-D 0-10V continuous dimming PIR photo/motion sensor with bluetooth control option.
		<input type="checkbox"/> OFD1Z-IOW - IP66 PIR Side Mount Sensors with Bluetooth™ Connectivity and UV Stable Plastic		

SIDE MOUNT OCCUPANCY DAYLIGHT HARVESTING SENSOR



INTEGRATED SENSOR

LEVITON

☐ ZLDUZ-IOW

IP66 PIR Sensors with Bluetooth™ Connectivity and UV Stable Plastic

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

☐ OFD1Z-IOW

IP66 PIR Sensors with Bluetooth™ Connectivity and UV Stable Plastic

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.