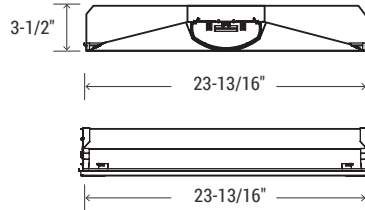




**EASY 3 COLORS
SELECTOR**
3500K • 4000K • 5000K



2000/3000/4000		
NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
4000	4569	32W
3000	3178	21W
2000	2589	17W

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

5000/6000/7000		
NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
7000	7036	55W
6000	6117	46W
5000	5142	37W

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

FEATURES

A combination of stylish design and shallow profile, coupled with innovative LED technology to deliver soft, glare-free illumination, resulting in improved visual comfort and uniform appearance. The enhancement of the volumetric effect provides increased brightness, with an aesthetically pleasing appearance and contemporary design. The energy saving features and optical performance create the ideal choice for educational, medical, office and retail spaces.

LUMENS	2000L/3000L/4000L 5000L/6000L/7000L
CCT & DYNAMIC PLATFORMS	35K/40K/50K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x2', 2'x4'
MOUNTING	Recessed
DIMMING & CONTROL	0-10V Flicker Free 10% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output (Bodine BSL310) 20W - Up to 2000L output (Bodine BSL20)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



MAINTENANCE

The center acrylic diffuser can be removed, allowing easy access to LED boards and driver compartment, locking into place for secure closure of the luminaire. LED engines and drivers are removable and upgradable even after luminaire installation. Luminaire can be regularly and safely wiped down to ensure optimal performance.

OPTICAL SYSTEM

The LED light engine is secured to the body of the luminaire, with the body acting as a heat sink. A proprietary design of the lens results in zero pixilation, regardless of the viewing angle, with LEDs placed to promote a uniform appearance. The result is even illumination across the space, from luminaire to luminaire.

CONSTRUCTION

Body is constructed of heavy-duty 20-gauge cold rolled steel, post-painted and engineered for maximum strength and extended life. All corners interlock to prevent aesthetic damage to the luminaire, 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 of luminaires, to add power packs, whips, or other accessories in the field, or for continuous row mounting.

FINISH

Post-painted with a 93% reflective white coat to improve luminaire efficacy, with all body components seamlessly interlocked for added structural strength.

MOUNTING

Luminaires accommodate lay-in ceilings, Slot T, and T-bar suspension systems for 5/8" and 3/8" ceiling thicknesses. Four corner tie points are standard for safety wire support when required, with built-in earthquake clips, standard. Luminaires may be available with flange kits, surface mounted kits, and other options.

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.

DIMMING & DRIVER INFORMATION

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

WARRANTY

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

LISTINGS

c-UL-us - Listed for Feed Through Wiring.
Listed for DLC, California Title 24 compliant.

Example: **22-OEVHP-LED-2000L/3000L/4000L-DIM10-MVOLT-35K/40K/50K-85**

22	OEVHP	LED							
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS
22 - 2' X2'	OEVHP - LED Shallow Volumetric Troffer	LED	2000L/3000L/4000L 5000L/6000L/7000L	DIM10 - 0-10V Dimming	MVOLT	35K/40K/50K 30K*	85	0-EMG-LED-10W 0-EMG-LED-20W	22FK - 2'x2' Flange Kit FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance FS-PPV2 - Fixture Sensor Power Pack FD-301 - Low Voltage Daylight Dimming Photosensor LMFC-011 - Digital Lighting Manager FS-205 - Low Voltage Pir Fixture Integrated Occupancy Sensor

*Only for 2000/3000/4000L

*FD-301 & FS-205 require FS-PPV2- Power Pack

22-OEVHP-LED-5000L-6000L-7000L-DIM10-MVOLT-35K-40K-50K-85(5000L)

TEST NO.: **EL12292035**

INPUT WATTS: **37.8**

LUMENS: **5142**

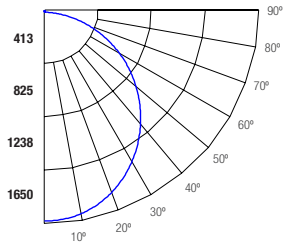
CRI: **N/A**

EFFICACY: **136**

CCT: **3500K**

SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	597.02	11.60	11.60
0-30	1270.11	24.70	24.70
0-40	2088.34	40.60	40.60
0-60	3769.05	73.30	73.30
0-80	4913.43	95.60	95.60
0-90	5091.46	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	4297	4162	4042
55	4388	4123	3891
65	4607	4138	3676
75	5056	4264	3345
85	4068	4288	2747

Lumens Per Zone

Zone	Lumens
0-10	154.40
10-20	442.63
20-30	673.09
30-40	818.23
40-50	864.70
50-60	816.02
60-70	679.16
70-80	465.22
80-90	178.03

Candela Tabulation

0	
0.0	1632.163
5.0	1621.260
15.0	1556.550
25.0	1449.540
35.0	1304.690
45.0	1130.170
55.0	936.210
65.0	724.180
75.0	486.740
85.0	131.890
90.0	4.440

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	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%	
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			99
1	107	102	97	93	93	104	100	95	91	95	92	88	91	88	85	87	85	83	81			81
2	97	88	81	75	75	94	86	79	74	82	77	72	79	74	70	76	72	68	66			66
3	88	77	68	61	61	85	75	67	61	72	65	59	69	63	58	66	61	57	55			55
4	80	68	59	52	52	78	66	58	51	64	56	50	61	55	49	59	53	49	46			46
5	74	60	51	44	44	72	59	50	44	57	49	43	55	48	43	53	47	42	40			40
6	68	54	45	38	38	66	53	44	38	51	43	38	49	43	37	48	42	37	35			35
7	63	49	40	34	34	61	48	40	34	47	39	33	45	38	33	44	37	33	31			31
8	59	45	36	30	30	57	44	36	30	43	35	30	41	34	29	40	34	29	27			27
9	55	41	33	27	27	53	40	32	27	39	32	27	38	31	26	37	31	26	24			24
10	51	38	30	24	24	50	37	30	24	36	29	24	35	29	24	34	28	24	22			22

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

22-OEVHP-LED-5000L-6000L-7000L-DIM10-MVOLT-35K-40K-50K-85(6000L)

TEST NO.: **EL12292036**

INPUT WATTS: **46.4**

LUMENS: **6117**

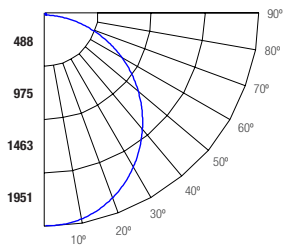
CRI: **N/A**

EFFICACY: **132**

CCT: **3500K**

SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	710.85	11.60	11.60
0-30	1512.26	24.70	24.70
0-40	2486.53	40.60	40.60
0-60	4484.58	73.30	73.30
0-80	5844.96	95.60	95.60
0-90	6057.18	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	5102	4943	4813
55	5209	4899	4633
65	5467	4918	4380
75	5998	5064	3952
85	4831	5035	3252

Lumens Per Zone

Zone	Lumens
0-10	183.82
10-20	527.02
20-30	801.41
30-40	974.27
40-50	1029.59
50-60	968.46
60-70	806.73
70-80	553.64
80-90	212.23

Candela Tabulation

0	
0.0	1942.745
5.0	1925.510
15.0	1848.780
25.0	1721.280
35.0	1549.250
45.0	1341.830
55.0	1111.250
65.0	859.360
75.0	577.470
85.0	156.600
90.0	5.280

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	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%	
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			99
1	107	102	97	93	93	104	100	95	91	95	92	88	91	88	85	87	85	83	81			81
2	97	88	81	75	75	94	86	79	74	82	77	72	79	74	70	76	72	68	66			66
3	88	77	68	61	61	85	75	67	61	72	65	59	69	63	58	66	61	57	55			55
4	80	68	59	52	52	78	66	58	51	64	56	50	61	55	49	59	53	49	46			46
5	74	60	51	44	44	72	59	50	44	57	49	43	55	48	43	53	47	42	40			40
6	68	54	45	38	38	66	53	44	38	51	43	38	49	43	37	48	42	37	35			35
7	63	49	40	34	34	61	48	40	34	47	39	33	45	38	33	44	37	33	31			31
8	59	45	36	30	30	57	44	36	30	43	35	30	41	34	29	40	34	29	27			27
9	55	41	33	27	27	53	40	32	27	39	32	27	38	31	26	37	31	26	24			24
10	51	38	30	24	24	50	37	30	24	36	29	24	35	29	24	34	28	24	22			22

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

22-OEVHP-LED-5000L-6000L-7000L-DIM10-MVOLT-35K-40K-50K-85(7000L)

TEST NO.: **EL12292037**

INPUT WATTS: **55.6**

LUMENS: **7036**

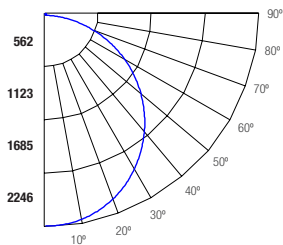
CRI: **N/A**

EFFICACY: **127**

CCT: **3500K**

SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	818.14	11.60	11.60
0-30	1740.48	24.70	24.70
0-40	2861.66	40.70	40.70
0-60	5160.44	73.30	73.30
0-80	6722.41	95.50	95.50
0-90	6966.72	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	5871	5692	5538
55	5992	5642	5331
65	6291	5656	5038
75	6903	5815	4528
85	5565	5723	3745

Lumens Per Zone

Zone	Lumens
0-10	211.57
10-20	606.57
20-30	922.35
30-40	1121.17
40-50	1184.79
50-60	1113.99
60-70	925.67
70-80	636.30
80-90	244.31

Candela Tabulation

0	
0.0	2235.876
5.0	2215.970
15.0	2127.770
25.0	1980.860
35.0	1783.300
45.0	1544.060
55.0	1278.350
65.0	988.920
75.0	664.520
85.0	180.420
90.0	6.080

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	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	107	102	97	93	104	100	95	91	95	92	88	91	88	85	87	85	83	81			
	2	97	88	81	75	94	86	79	74	82	77	72	79	74	70	76	72	68	66			
	3	88	77	68	61	85	75	67	61	72	65	60	69	63	58	66	61	57	55			
	4	80	68	59	52	78	66	58	51	64	56	50	61	55	50	59	53	49	46			
	5	74	60	51	44	72	59	50	44	57	49	43	55	48	43	53	47	42	40			
	6	68	54	45	38	66	53	45	38	51	44	38	50	43	37	48	42	37	35			
	7	63	49	40	34	61	48	40	34	47	39	33	45	38	33	44	37	33	31			
8	59	45	36	30	57	44	36	30	43	35	30	41	34	29	40	34	29	27				
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