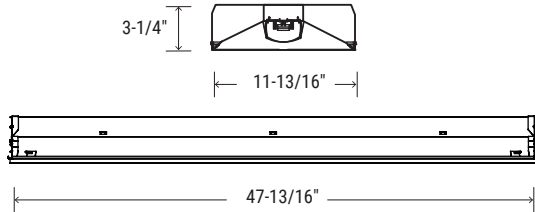




EASY 3 COLORS
SELECCTOR
3500K • 4000K • 5000K



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
4000	4619	34 W
3000	3483	24 W
2000	2429	16 W

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
CCT & DYNAMIC PLATFORMS	35K/40K/50K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	1'x4', 2'x2', 2'x4'
MOUNTING	Recessed
DIMMING & CONTROL	0-10V Flicker Free 10% 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



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

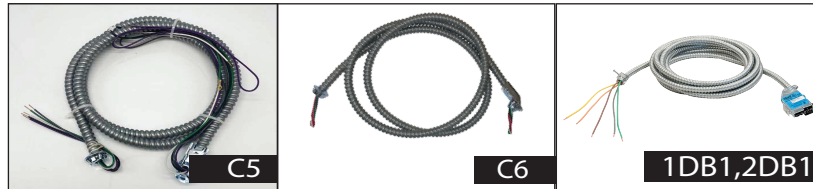
c-UL-us - Listed for Feed Through Wiring.

Listed for DLC, California Title 24 compliant.

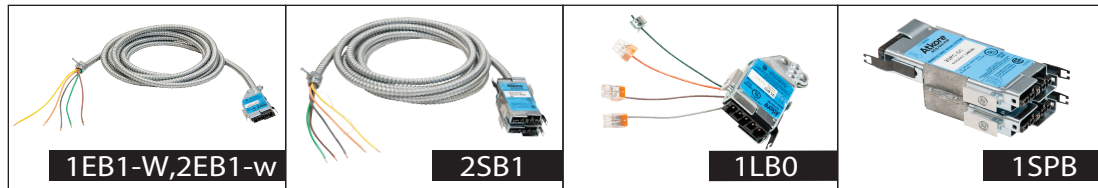
Example: **14-OEVHP-LED-2000L/3000L/4000L-DIM10-MVOLT-35K/40K/50K-85**

14	OEVHP	LED							
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	
14 - 1' 4'	OEVHP - LED Shallow Volumetric Troffer	LED	2000L/3000L/4000L	DIM10 - 0-10V Dimming	MVOLT	35K/40K/50K	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 drivers input) *Consult factory for details	
									OTHER OPTIONS
									14FK - 1'x4' Flange Kit 14-OEVHP-LED-SMK - 1'x4' Surface Mount Kit FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor

WHIPS



WHIPS		
<p><input type="checkbox"/> C5 C5-3/8X6FT FLEX ASSY 18/5 W/GRAY & PURPLE WIRE - EXTENDED TO 12"</p>	<p><input type="checkbox"/> C6 6-wire Flex Cable (Single Circuit)</p>	<p><input type="checkbox"/> 1DB1 120/208/240V Distribution cable, 3-wire w/ground-phase A,B, 1' cable length</p> <p><input type="checkbox"/> 2DB1 277/480V Distribution cable, 3-wire w/ground-phase A,B, 1' cable length</p>



<p><input type="checkbox"/> 1EB1-W 120/208/240V Extender cable, 3-wire w/ground-phase A,B, 1' cable length-Whip End</p> <p><input type="checkbox"/> 2EB1-W 277/480V Extender cable, 3-wire w/ground-phase A,B, 1' cable length-Whip End</p>	<p><input type="checkbox"/> 2SB1 277/480V Switch Module, 3-wire w/ground-phase A,B, 1' cable length</p>	<p><input type="checkbox"/> 1LB0 120/208/240V Lighting Component, 3-wire w/ground-phase A,B, No cable required</p>	<p><input type="checkbox"/> 1SPB 120/208/240V Splitter, 3-wire w/ground-phase A,B</p>
---	--	---	--

14-OEVHP-LED-2000L-3000L-4000L-DIM10-MVOLT-35K-40K-50K-85(2000L)

TEST NO.: **EL08262057**

INPUT WATTS: **16.3**

LUMENS: **2429**

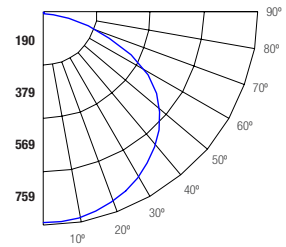
CRI: **N/A**

EFFICACY: **149**

CCT: **3500K**

SPACING CRITERIA: **1.44**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%wFixt
0-20	278.62	11.50	11.50
0-30	595.93	24.60	24.50
0-40	987.51	40.70	40.70
0-60	1812.44	74.70	74.60
0-80	2340.72	96.50	96.40
0-90	2403.81	99.10	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2270	2135	1914
55	2364	2204	1856
65	2249	2290	1780
75	1759	2153	1654
85	1131	1693	1475

Lumens Per Zone

Zone	Lumens
0-10	71.82
10-20	206.80
20-30	317.31
30-40	391.57
40-50	421.73
50-60	403.19
60-70	328.33
70-80	199.96
80-90	63.08

Candela Tabulation

0	0
0	758.70
5	758.37
15	742.93
25	710.62
35	662.26
45	597.17
55	504.32
65	353.53
75	169.35
85	36.66
90	4.37

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%	0%	0%	0%
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99	99	99	99	99	99	99
1	108	103	98	94	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81	81	81	81	81	81	81
2	98	89	82	76	76	95	87	80	75	83	77	73	80	75	71	76	73	69	67	67	67	67	67	67	67
3	89	78	69	62	62	86	76	68	61	73	66	60	70	64	59	67	62	58	56	56	56	56	56	56	56
4	81	68	59	52	52	78	67	58	52	64	57	51	62	55	50	59	54	49	47	47	47	47	47	47	47
5	74	61	51	45	45	72	60	51	44	57	50	44	55	48	43	53	47	43	40	40	40	40	40	40	40
6	68	55	45	39	39	66	54	45	38	52	44	38	50	43	38	48	42	37	35	35	35	35	35	35	35
7	63	49	40	34	34	61	48	40	34	47	39	33	45	38	33	44	38	33	31	31	31	31	31	31	31
8	59	45	36	30	30	57	44	36	30	43	35	30	41	35	30	40	34	29	27	27	27	27	27	27	27
9	55	41	33	27	27	53	40	32	27	39	32	27	38	31	27	37	31	26	24	24	24	24	24	24	24
10	51	38	30	24	24	50	37	30	24	36	29	24	35	29	24	34	28	24	22	22	22	22	22	22	22

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

14-OEVHP-LED-2000L-3000L-4000L-DIM10-MVOLT-35K-40K-50K-85(3000L)

TEST NO.: **EL08262058**

INPUT WATTS: **24.6**

LUMENS: **3483**

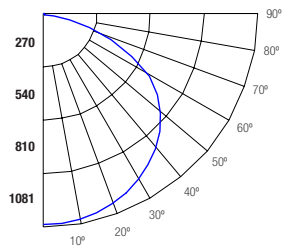
CRI: **N/A**

EFFICACY: **142**

CCT: **3500K**

SPACING CRITERIA: **1.44**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	396.85	11.40	11.40
0-30	848.89	24.40	24.40
0-40	1408.79	40.50	40.40
0-60	2593.88	74.60	74.50
0-80	3355.75	96.50	96.30
0-90	3447.12	99.10	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3235	3048	2729
55	3371	3144	2650
65	3216	3272	2553
75	2548	3127	2388
85	1611	2468	2127

Lumens Per Zone

Zone	Lumens
0-10	102.32
10-20	294.53
20-30	452.03
30-40	559.90
40-50	605.67
50-60	579.42
60-70	472.67
70-80	289.21
80-90	91.37

Candela Tabulation

0	0
0	1080.646
5	1079.560
15	1055.960
25	1011.660
35	943.820
45	850.830
55	719.240
65	505.540
75	245.330
85	52.240
90	6.400

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%	0%	0%	0%
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99	99	99	99	99	99	99
1	108	103	98	94	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81	81	81	81	81	81	81
2	98	89	82	75	75	95	87	80	74	83	77	73	80	75	71	76	72	69	67	67	67	67	67	67	67
3	89	77	69	62	62	86	76	68	61	73	66	60	70	64	59	67	62	58	55	55	55	55	55	55	55
4	81	68	59	52	52	78	67	58	52	64	57	51	62	55	50	59	54	49	47	47	47	47	47	47	47
5	74	61	51	44	44	72	59	51	44	57	49	44	55	48	43	53	47	42	40	40	40	40	40	40	40
6	68	54	45	39	39	66	53	45	38	51	44	38	50	43	37	48	42	37	35	35	35	35	35	35	35
7	63	49	40	34	34	61	48	40	34	47	39	33	45	38	33	44	37	33	31	31	31	31	31	31	31
8	59	45	36	30	30	57	44	36	30	43	35	30	41	34	29	40	34	29	27	27	27	27	27	27	27
9	55	41	33	27	27	53	40	32	27	39	32	27	38	31	26	37	31	26	24	24	24	24	24	24	24
10	51	38	30	24	24	50	37	29	24	36	29	24	35	29	24	34	28	24	22	22	22	22	22	22	22

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

14-OEVHP-LED-2000L-3000L-4000L-DIM10-MVOLT-35K-40K-50K-85(4000L)

TEST NO.: **EL08262059**

INPUT WATTS: **34.5**

LUMENS: **4619**

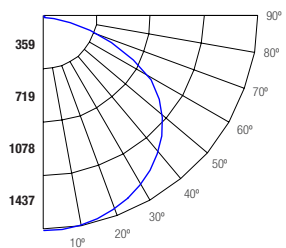
CRI: **N/A**

EFFICACY: **134**

CCT: **3500K**

SPACING CRITERIA: **1.44**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	527.81	11.40	11.40
0-30	1128.89	24.50	24.40
0-40	1870.6	40.50	40.50
0-60	3437.81	74.50	74.40
0-80	4449.85	96.40	96.30
0-90	4571.4	99.10	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	4303	4055	3633
55	4488	4184	3523
65	4277	4353	3384
75	3388	4123	3178
85	2141	3278	2830

Lumens Per Zone

Zone	Lumens
0-10	136.06
10-20	391.74
20-30	601.08
30-40	741.72
40-50	799.59
50-60	767.62
60-70	628.13
70-80	383.91
80-90	121.55

Candela Tabulation

0	0
0	1436.946
5	1437.220
15	1406.380
25	1345.700
35	1256.550
45	1131.770
55	957.410
65	672.320
75	326.160
85	69.400
90	8.490

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

ROOM CAVITY RATIO	RC RW
-------------------	----------