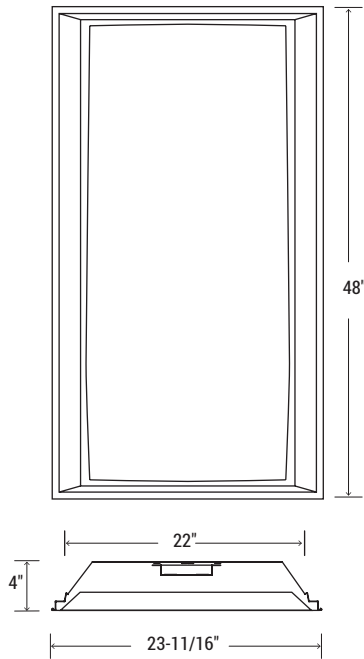
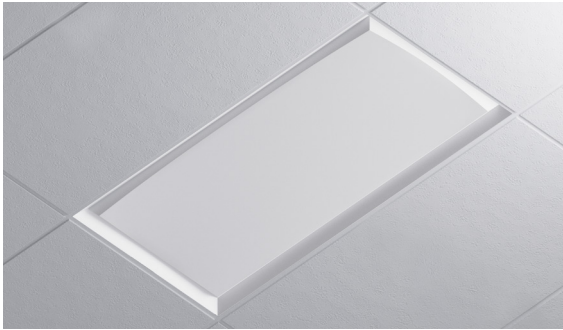




FEATURES

The impressive cube-shaped lens has an appearance of floating against the perimeter of the housing, with full surface illumination, and beveled corners. Bring interest and creativity to any space by installing the luminaires side by side, providing unlimited design patterns to conference rooms, lobbies, or open office spaces. The glare-free illumination, high efficiency and sustainability of the luminaire makes it the ideal source for corporate offices, educational, healthcare, commercial, and retail applications.

LUMENS	4000, 5000, 6000
CCT & DYNAMIC PLATFORMS	30K, 35K, 40K, 50K, Tunable White, Dims to Warm, RGB + White
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x2', 2'x4'
MOUNTING	Recessed
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, DIMST, ELDO10.1, ELDODMX.1, DALI.1
EMERGENCY	10W - Up to 1000L output (Bodine BSL310) 20W - Up to 2000L output (Bodine BSL20)
LIFETIME	L70 at 83,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
6000	6685	73 W
5000	5548	59 W
4000	4142	48 W

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



MAINTENANCE

The door frame assembly is hinged, 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. 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.

LUT2W - Lutron LTEA2W Hi-Lume 1%. 2-wire LED driver (120V forward phase only).

LUTH - Lutron LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology.

ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%.

DALI - DALI DT6, DT8 dimming down to 1%.

ELDODMX - EldoLED PowerDrive dimming down to 0.1%.

Please see EldoLED website for wiring diagrams and a list of compatible DMX and DALI control systems.

DIMST - Step Dimming

WARRANTY

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

LED DYNAMIC PLATFORM OPTIONS

 Tunable White with Smart White Technology utilizing the Lumenetix Platform allows you to color tune the luminaire via various controls. Create the perfect environment for the desired use of the space, while maintaining a CRI of 90+ across the tunable range of 8000 to 1650K. (Click here for more details)

 Dims to Warm with Smart Dimming Technology. At 100% full brightness the luminaire is at 3000K. When dimmed to 1%, the light transitions to 1800K, creating a warm ambiance within the space. (Click here for more details)

 RGB+White with Smart Hue Technology provides full color mixing of RGB and white colors. Utilizing the Lumenetix Platform allows you to choose from unlimited RGB color options, via various controls. Ideal for Circadian Rhythm applications or to create the perfect human centric environment. (Click here for more details)

LISTINGS

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

Example: **24-LITE-LED-3-5000L-DIM10-MVOLT-30K-85**

24	LITE	LED-3								
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS	
24 - 2' X 4'	LITE - Fully Illuminated LED Troffer	LED-3	4000L - 4000 lumens 5000L - 5000 lumens 6000L - 6000 lumens	DIM10 - 0-10V Dimming DIMST - Step Dimming LUTH - Lutron HiLume ELDO10.1 - EldoLED 0-10V DALI.1 - EldoLED DALI ELDODMX.1 - EldoLED DMX	MVOLT 347* 120 277 *Consult factory for details	30K 35K 40K 50K	85	0-EMG-LED-10W 0-EMG-LED-20W	24FK - 2'x4' Flange Kit FBF - Internal Fast Blow Fuse SBF - Internal Slow Blow Fuse RIS - Radio Interference Suppressor USA - Made in America Compliance	

LUT2W are available in 120V only LUT2W up to 5000L

LUTH, ELDO10.1, ELDOALI.1, and ELDODMX.1 are available in 120V and 277V

-Reference last page for Control Options

24-LITE-LED-3-4000L-DIM10-MVOLT-40K-85

TEST NO.: **EL103019123**

INPUT WATTS: **47.8**

LUMENS: **4431**

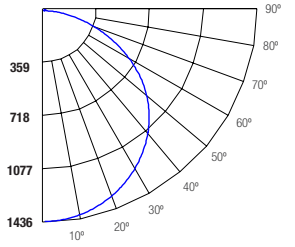
CRI: **85**

EFFICACY: **93**

CCT: **4000K**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	526.29	11.90	11.90
0-30	1125.53	25.40	25.40
0-40	1861.69	42.00	42.00
0-60	3377.86	76.20	76.20
0-80	4290.7	96.80	96.80
0-90	4393.72	99.20	99.20

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1914	1924	1914
55	1886	1910	1877
65	1823	1844	1729
75	1695	1640	1469
85	1500	1319	1054

Lumens Per Zone

Zone	Lumens
0-10	135.61
10-20	390.68
20-30	599.24
30-40	736.16
40-50	782.99
50-60	733.18
60-70	573.96
70-80	338.89
80-90	103.02

Candela Tabulation

Q	
0	1431.801
5	1426.430
15	1384.800
25	1300.350
35	1172.570
45	1006.660
55	804.940
65	573.250
75	326.330
85	97.270
90	15.860

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

RC	70%	80%	70%	50%	30%	10%	50%	30%	10%	30%	10%	10%	50%	30%	10%	0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	99
1	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	84
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73
3	89	78	70	63	86	76	69	62	73	67	61	70	65	60	68	59
4	81	69	60	53	79	68	59	53	65	58	52	62	56	51	60	48
5	75	61	52	45	72	60	52	45	58	50	45	56	49	44	54	43
6	69	55	46	39	67	54	46	39	52	45	39	50	44	38	49	38
7	64	50	41	35	62	49	41	35	47	40	34	46	39	34	44	34
8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	41	30
9	55	42	33	28	54	41	33	28	40	33	27	39	32	27	38	27
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	24

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

24-LITE-LED-3-5000L-DIM10-MVOLT-40K-85

TEST NO.: **EL103019122**

INPUT WATTS: **57.7**

LUMENS: **5220**

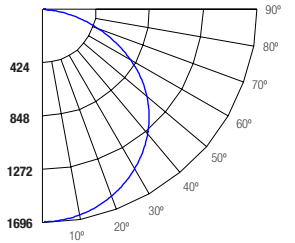
CRI: **85**

EFFICACY: **90**

CCT: **4000K**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	620.88	11.90	11.90
0-30	1327.85	25.40	25.40
0-40	2196.16	42.10	42.10
0-60	3979.43	76.20	76.20
0-80	5054.84	96.80	96.80
0-90	5175.82	99.20	99.20

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2257	2271	2260
55	2224	2255	2218
65	2148	2178	2047
75	1987	1941	1745
85	1760	1579	1265

Lumens Per Zone

Zone	Lumens
0-10	160.00
10-20	460.89
20-30	706.96
30-40	868.31
40-50	923.30
50-60	859.98
60-70	676.62
70-80	398.78
80-90	120.99

Candela Tabulation

Q	
0	1689.174
5	1683.140
15	1634.140
25	1534.650
35	1383.930
45	1187.440
55	948.960
65	675.230
75	382.510
85	114.120
90	18.110

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

RC	70%	80%	70%	50%	30%	10%	50%	30%	10%	30%	10%	10%	50%	30%	10%	0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	99
1	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	84
2	98	89	82	76	95	87	81	75	84	78	74	80	76	72	77	73
3	89	78	70	63	86	76	69	62	73	67	61	70	65	60	68	59
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	48
5	75	61	52	45	72	60	52	45	58	50	45	56	49	44	54	43
6	69	55	46	40	67	54	46	39	52	45	39	51	44	38	49	38
7	64	50	41	35	62	49	41	35	47	40	34	46	39	34	44	34
8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	41	30
9	55	42	33	28	54	41	33	28	40	33	27	39	32	27	38	27
10	52	38	30	25	51	38	30	25	37	30	25	36	29	25	35	24

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

24-LITE-LED-3-6000L-DIM10-MVOLT-40K-85

TEST NO.: **EL10301929**

INPUT WATTS: **73.8**

LUMENS: **6357**

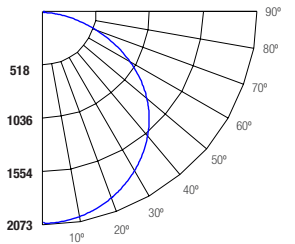
CRI: **85**

EFFICACY: **86**

CCT: **4000K**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	756.79	11.90	11.90
0-30	1618.5	25.50	25.50
0-40	2676.96	42.10	42.10
0-60	4848.66	76.30	76.30
0-80	6156.11	96.80	96.80
0-90	6303.33	99.20	99.20

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2789	2749	2751
55	2747	2718	2708
65	2548	2608	2614
75	2173	2251	2399
85	1650	1715	2128

Lumens Per Zone

Zone	Lumens
0-10	195.05
10-20	561.74
20-30	861.71
30-40	1058.46
40-50	1125.46
50-60	1046.24
60-70	822.00
70-80	485.45
80-90	147.22

Candela Tabulation

Q	
0	2060.283
5	2062.400
15	1995.640
25	1871.700
35	1696.270
45	1467.290
55	1171.960
65	801.180
75	418.460
85	106.980
90	4.200

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 0.20

RC	70%	80%	70%	50%	30%	10%	50%	30%	10%	30%	10%	10%	50%	30%	10%	0%
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	99
1	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	84
2	98	89	82	76	95	87	81	75	84	78	74	80	76	72	77	73
3	89	78	70	63	86	76	69	62	73	67	61	70	65	60	68	59
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8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	41	30
9	55	42	33	28	54	41	33	28	40	33	27	39	32	27	38	27
10	52	38	30	25	51	38	30	25	37	30	25	36	29	25	35	24

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance