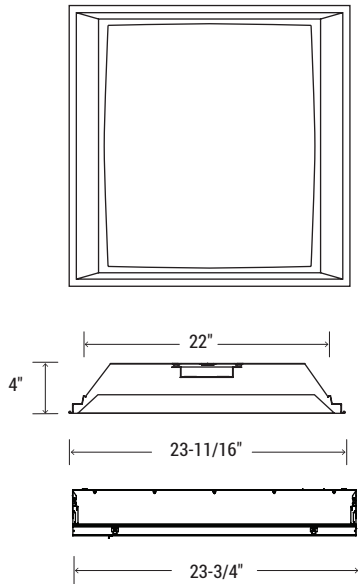
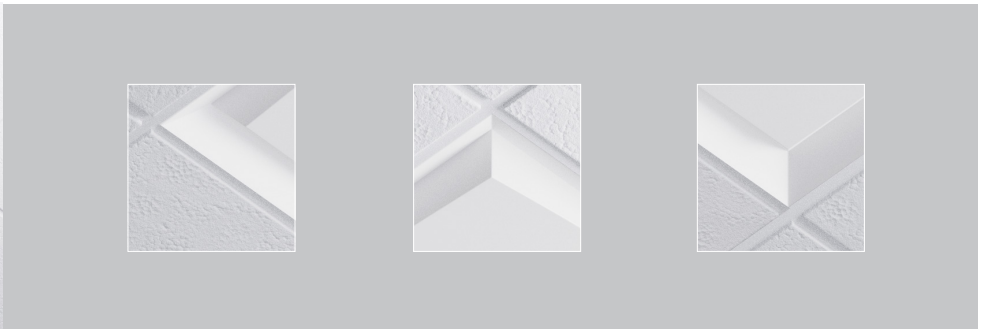




FEATURES

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	2000, 3000, 4000
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, LUT2W, 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
4000	3962	52 W
3000	3015	38 W
2000	2012	25 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: **22-LITE-LED-3-3000L-DIM10-MVOLT-30K-85**

22	LITE	LED-3								
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS	
22 - 2' X 2'	LITE - Fully Illuminated LED Troffer	LED-3	2000L - 2000 lumens 3000L - 3000 lumens 4000L - 4000 lumens	DIM10 - 0-10V Dimming DIMST - Step Dimming LUTH - Lutron HiLume LUT2W - Lutron 2Wire ELDO10.1 - EldoLED 0-10V DALI.1 - EldoLED DALI ELDODM.1 - EldoLED DMX	MVOLT 347* 120 277	30K 35K 40K 50K	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	

*Consult factory for details

LUT2W are available in 120V only LUT2W up to 3000L

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

-Reference last page for Control Options

22-LITE-LED-3-2000L-DIM10-MVOLT-40K-85

TEST NO.: EL072519108

INPUT WATTS: 24.6

LUMENS: 2012

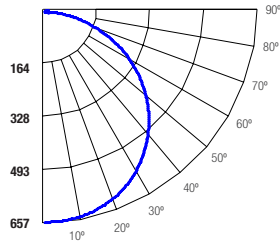
CRI: 85

EFFICACY: 82

CCT: 4000K

SPACING CRITERIA: 1.42

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	241.09	12.00	12.00
0-30	515.67	25.60	25.60
0-40	852.88	42.40	42.40
0-60	1544.72	76.80	76.80
0-80	1953.76	97.10	97.10
0-90	1992.69	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1803	1779	1739
55	1805	1769	1697
65	1717	1703	1612
75	1420	1451	1435
85	883	986	1134

Lumens Per Zone

Zone	Lumens
0-10	62.13
10-20	178.96
20-30	274.58
30-40	337.21
40-50	358.47
50-60	333.37
60-70	260.23
70-80	148.81
80-90	38.93

Candela Tabulation

0	0
0	655.972
5	652.000
15	632.500
25	596.140
35	543.990
45	474.300
55	385.020
65	269.960
75	136.720
85	28.640
90	1.320

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	97	93	90	92	90	87	89	82
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	77	68
3	89	78	70	63	87	77	69	63	74	67	62	71	65	60	68	59
4	82	69	60	53	79	68	60	53	65	58	52	63	56	51	60	51
5	75	62	53	46	73	61	52	46	58	51	45	56	50	44	54	47
6	69	55	46	40	67	54	46	40	53	45	39	51	44	39	49	38
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	45	34
8	59	46	37	31	58	45	37	31	44	36	31	42	35	30	41	30
9	55	42	34	28	54	41	33	28	40	33	28	39	32	27	38	27
10	52	39	31	25	51	38	30	25	37	30	25	36	29	25	35	23

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

22-LITE3-LED-3000L-DIM10-MVOLT-40K-85

TEST NO.: EL072119106

INPUT WATTS: 37.5

LUMENS: 3016

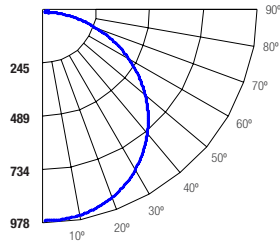
CRI: 85

EFFICACY: 80

CCT: 4000K

SPACING CRITERIA: 1.42

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	358.73	11.90	11.90
0-30	768.94	25.50	25.50
0-40	1274.59	42.30	42.30
0-60	2312.00	76.70	76.70
0-80	2927.79	97.10	97.10
0-90	2986.08	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2684	2651	2588
55	2689	2633	2527
65	2585	2551	2431
75	2146	2201	2157
85	1264	1446	1680

Lumens Per Zone

Zone	Lumens
0-10	92.45
10-20	266.28
20-30	410.21
30-40	505.66
40-50	537.49
50-60	499.92
60-70	391.41
70-80	224.37
80-90	58.29

Candela Tabulation

0	0
0	975.827
5	969.580
15	940.910
25	886.660
35	809.530
45	706.030
55	573.610
65	406.310
75	206.580
85	40.980
90	1.910

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	90	87	89	82
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	77	68
3	89	78	70	63	87	77	69	63	74	67	61	71	65	60	68	59
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	51
5	75	62	52	46	73	60	52	45	58	51	45	56	49	44	54	47
6	69	55	46	40	67	54	46	40	52	45	39	51	44	39	49	38
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	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	28	39	32	27	38	27
10	52	39	31	25	51	38	30	25	37	30	25	36	29	25	35	23

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

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

TEST NO.: EL072619110

INPUT WATTS: 51.9

LUMENS: 3962

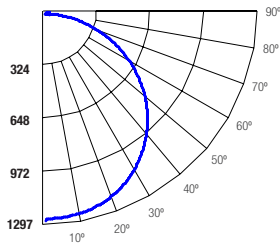
CRI: 85

EFFICACY: 76

CCT: 4000K

SPACING CRITERIA: 1.42

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	471.99	11.90	11.90
0-30	1009.61	25.50	25.50
0-40	1669.97	42.10	42.10
0-60	3032.6	76.50	76.50
0-80	3844.31	97.00	97.00
0-90	3922.54	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3542	3473	3405
55	3547	3445	3325
65	3391	3337	3156
75	2848	2928	2846
85	1736	1953	2259

Lumens Per Zone

Zone	Lumens
0-10	121.61
10-20	350.38
20-30	537.62
30-40	660.36
40-50	704.15
50-60	658.48
60-70	514.65
70-80	297.06
80-90	78.23

Candela Tabulation

0	0
0	1283.892
5	1277.380
15	1239.840
25	1168.780
35	1067.490
45	931.490
55	756.710
65	533.100
75	274.140
85	56.270
90	2.600

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	90	87	89	82
2	98	90	83	77	95	88	81	76	84	78	74	81	76	72	77	68
3	89	78	70	63	87	77	69	63	74	67	61	71	65	60	68	59
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9	55	42	33	28	54	41	33	28	40	33	28	39	32	27	38	27
10	52	39	30	25	51	38	30	25	37	30	25	36	29	25	35	23

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance