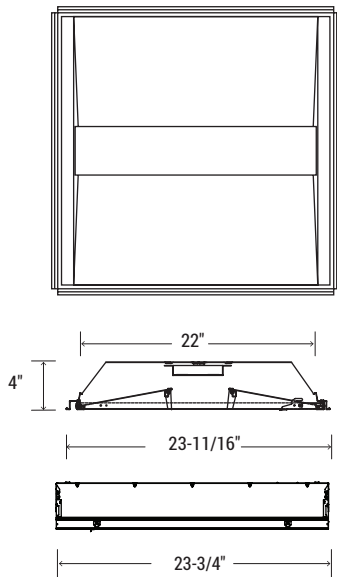
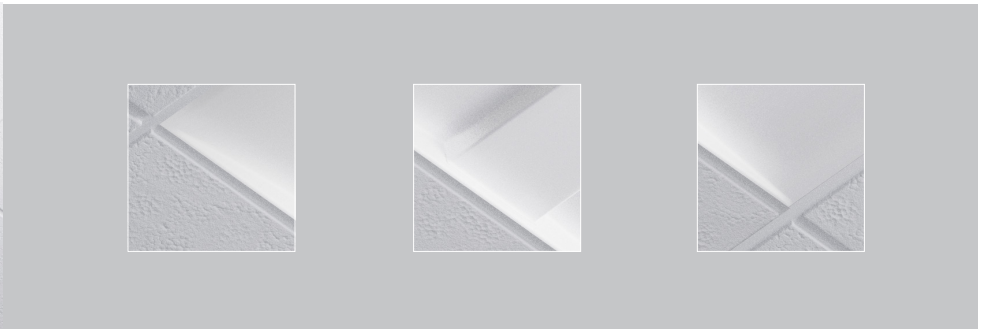




FEATURES

The clean lines and crisp profile of the lens creates an impressionable look, making it the perfect application for contemporary spaces. Featuring a sleek center metal extrusion that can be painted any color, it creates a floating visual effect, providing a seamless aesthetically pleasing appearance. The angled backlit lens creates volumetric, uniform illumination with the use of glare-free reflective surfaces, resulting in ideal visual comfort. The 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	3763	51 W
3000	2846	38 W
2000	1896	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-2-3000L-DIM10-MVOLT-30K-85**

22	LITE	LED-2								
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS	
22 - 2' X 2'	LITE - Fully Illuminated LED Troffer	LED-2	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 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	22FK - 2'x2' 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 3000L

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

-Reference last page for Control Options

22-LITE-LED-2-2000L-DIM10-MVOLT-40K-85

INPUT WATTS: **25.2**

LUMENS: **1896**

CRI: **85**

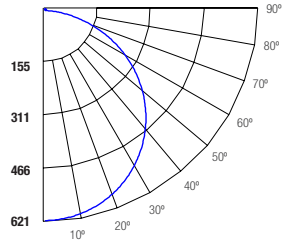
EFFICACY: **75**

CCT: **4000K**

TEST NO.: **EL0729191120**

SPACING CRITERIA: **1.40**

Candle Power Distribution (Candelas)



Cone of Light			
Beam Diameter (ft.)	Beam Area (sq. ft.)	Beam Circumference (ft.)	Beam Volume (cu. ft.)
2	155	6.2	6.9
4	38.7	12.4	13.8
6	17.2	18.6	20.7
8	9.68	24.8	27.5
10	6.2	31.1	34.4
12	4.3	37.3	41.3

BEAM DIA. MEASURED AT 50% OF NAIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	227.31	12.00	12.00
0-30	485.17	25.60	25.60
0-40	800.25	42.20	42.20
0-60	1440.67	76.00	76.00
0-80	1833.26	96.70	96.70
0-90	1877.35	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1602	1606	1670
55	1553	1564	1660
65	1456	1485	1641
75	1245	1344	1639
85	858	866	1253

Lumens Per Zone

Zone	Lumens
0-10	58.65
10-20	168.65
20-30	257.86
30-40	315.08
40-50	332.69
50-60	307.72
60-70	243.04
70-80	149.55
80-90	44.09

Candela Tabulation

Q	
0	619.665
5	616.110
15	594.860
25	555.000
35	496.460
45	421.310
55	331.250
65	228.930
75	119.840
85	27.820
90	1.220

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	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%			
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			
	1	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	86	84	82			
	2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73	70	68			
	3	89	78	70	63	86	76	69	62	73	67	61	70	65	60	68	63	59	56			
	4	81	69	60	53	79	68	59	53	65	58	52	62	56	51	60	55	50	48			
	5	75	62	52	46	72	60	52	45	58	50	45	56	49	44	54	48	43	41			
	6	69	55	46	40	67	54	46	39	52	45	39	51	44	38	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	28	39	32	27	38	32	27	25			
	10	52	39	31	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23			

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

22-LITE-LED-2-3000L-DIM10-MVOLT-40K-85

INPUT WATTS: **37.5**

LUMENS: **2847**

CRI: **85**

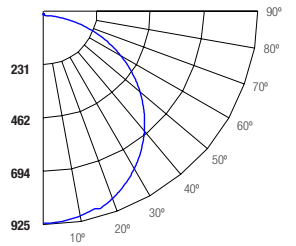
EFFICACY: **76**

CCT: **4000K**

TEST NO.: **EL0729191119**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Cone of Light			
Beam Diameter (ft.)	Beam Area (sq. ft.)	Beam Circumference (ft.)	Beam Volume (cu. ft.)
2	231	6.2	6.9
4	57.7	12.4	13.7
6	25.7	18.6	20.6
8	14.4	24.9	27.5
10	9.23	31.1	34.3
12	6.41	37.3	41.2

BEAM DIA. MEASURED AT 50% OF NAIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	339.50	11.90	11.90
0-30	726.62	25.50	25.50
0-40	1199.59	42.10	42.10
0-60	2160.89	75.90	75.90
0-80	2752.77	96.70	96.70
0-90	2818.47	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2389	2416	2477
55	2317	2364	2459
65	2200	2299	2456
75	1877	2133	2436
85	1246	1432	1707

Lumens Per Zone

Zone	Lumens
0-10	87.39
10-20	252.11
20-30	387.12
30-40	472.97
40-50	499.40
50-60	461.89
60-70	366.28
70-80	225.61
80-90	65.70

Candela Tabulation

Q	
0	923.409
5	918.350
15	886.680
25	827.240
35	739.870
45	628.440
55	494.360
65	345.790
75	180.670
85	40.400
90	1.820

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	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%	
ROOM CAVITY RATIO	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99	
	1	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	86	84	82	
	2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73	70	68	
	3	89	78	70	63	86	76	69	62	73	67	61	70	65	60	68	63	59	56	
	4	81	69	60	53	79	68	59	53	65	58	52	62	56	51	60	55	50	48	
	5	75	61	52	45	72	60	52	45	58	50	45	56	49	44	54	48	43	41	
	6	69	55	46	40	67	54	46	39	52	45	39	50	44	38	49	43	38	36	
	7	64	50	41	35	62	49	41	35	47	40	34	46	39	34	44	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		

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

22-LITE-LED-2-4000L-DIM10-MVOLT-40K-85

INPUT WATTS: **51.1**

LUMENS: **3763**

CRI: **85**

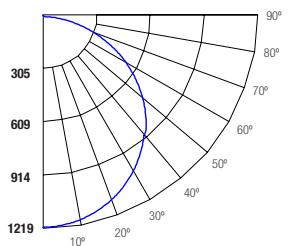
EFFICACY: **74**

CCT: **4000K**

TEST NO.: **EL0729191118**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Cone of Light			
Beam Diameter (ft.)	Beam Area (sq. ft.)	Beam Circumference (ft.)	Beam Volume (cu. ft.)
2	304	6.3	7
4	76.1	12.6	13.9
6	33.8	18.8	20.9
8	19	25.1	27.9
10	12.2	31.4	34.9
12	8.46	37.7	41.8

BEAM DIA. MEASURED AT 50% OF NAIR F.C.

Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	446.88	11.90	11.90
0-30	954.30	25.40	25.40
0-40	1574.82	41.80	41.80
0-60	2847.59	75.70	75.70
0-80	3635.7	96.60	96.60
0-90	3726.03	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3150	3165	3290
55	3054	3088	3271
65	2867	2943	3237
75	2482	2715	3277
85	1644	1801	2387