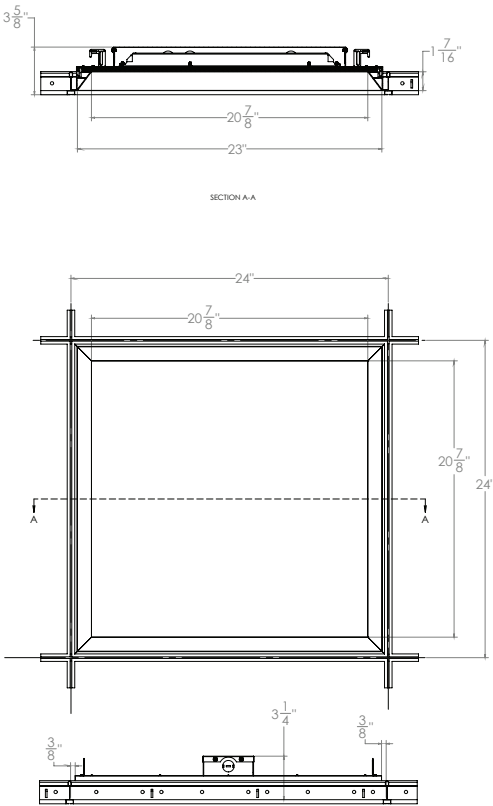


FEATURES

This fully luminous edge-lit LED architectural troffer has a low-profile design that optimizes shallow plenum spaces. Featuring multiple lumen packages, color temperatures, and dimming options, this LED troffer has an architectural look perfect for elevating any interior space. New construction or retrofit for either recessed or surface mount installation. Ideal for commercial office spaces, retail, educational, and healthcare facilities.



LUMENS	2000, 3000, 4000
CCT	30K, 35K, 40K, 50K
CRI	85+ Standard
UGR	<19
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x2', 2'x4'
MOUNTING	Recessed
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUTFTB, LUT2W, DIMST, ELD010.1, ELD0DMX.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	4059	39 W
3000	3133	29 W
2000	2139	20 W

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



MAINTENANCE

LED engines and drivers are removable and upgradable even after luminaire installation.

OPTICAL SYSTEM

Optical system combines reflective and refractive optics for even, comfortable illumination. Evenly spaced edge-lit LEDs provide uniform illumination from luminaire to luminaire. Light passes smoothly through a light guide plate for even distribution and high output.

CONSTRUCTION

Heavy-duty 20-gauge cold rolled steel body, post-painted with a highly reflective 93% white coat. All corners interlock to remove sharp edges for safe handling. Top cover conceals internal electrical components.

REMOTE DRIVER OPTION

Remote driver option is available. Remote driver can be mounted virtually anywhere within the length of the 20-ft cord.

FINISH

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

MOUNTING

Luminaire depth of 3 1/4" fits into shallow plenum spaces. The Lux accommodates lay-in ceilings, Slot T, and T-bar suspension systems for 5/8" and 3/8" ceiling thicknesses. Four corner tie points and built-in earthquake clips standard. 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.

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 Forward Phase Control, 1% dimming in 120V only. Available on all luminaires up to 40 watts.

LUTH - Lutron LDE1 Hi-Lume Eco System. 1% dimming with Soft in Fade to Black dimming technology.

ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%. Available on all luminaires up to 100 watts.

DALI - DALI DT6, DT8 dimming down to 1%. Available on all luminaires up to 100 watts.

ELDODMX - EldoLED PowerDrive dimming down to 0.1%. Available on all luminaires up to 100 watts.

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)

LISTINGS

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

Listed for DLC, California Title 24 compliant.

Example: 22-LUX-LED-2000L-DIM10-MVOLT-30K-85

22	LUX	LED							
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI	EMERGENCY	OTHER OPTIONS
22 - 2' X 2'	LUX LED Troffer	LED	2000L - 2000 lumens 3000L - 3000 lumens 4000L - 4000 lumens	DIM10 - 0-10V Dimming DIMST - Step Dimming LUTH - Lutron HiLume LUT2W - Lutron 2Wire LUTFTB - Lutron Fade to Black ELDO10.1 - EldoLED 0-10V ELDODALI - EldoLED DALI ELDODMX - EldoLED DMX	MVOLT 347* *Consult factory for details	30K 35K 40K 50K	85	EMG-LED-10W EMG-LED-20W	FBF Internal Fast Blow Fuse SBF Internal Slow Blow Fuse RIS Radio Interference Suppressor RD Remote Driver USA Made in America Compliance

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

INPUT WATTS: **29.1**

LUMENS:3133

CRI: **85**

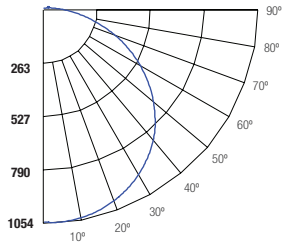
EFFICACY: **108**

CCT: **4000K**

TEST NO.: **EL06101914**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	386.68	12.3	12.3
0-30	826.31	26.4	26.4
0-40	1367.74	43.7	43.7
0-60	2454.2	78.3	78.3
0-80	3055.81	97.5	97.5
0-90	3102.93	99	99

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2799	2837	2741
55	2698	2753	2627
65	2510	2544	2432
75	2135	2155	1995
85	1281	1278	988

Lumens Per Zone

Zone	Lumens
0-10	99.7
10-20	286.98
20-30	439.63
30-40	541.43
40-50	570.28
50-60	516.18
60-70	389.67
70-80	211.93
80-90	47.12

Candela Tabulation

0	0	1052.985
5	5	1050.32
15	15	1019.07
25	25	957.3
35	35	864.06
45	45	736.12
55	55	575.67
65	65	394.63
75	75	205.55
85	85	41.52
90	90	3.97

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	109	104	100	96	106	101	98	94	97	94	91	93	90	88	89	87	85	83			
	2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69			
	3	90	79	71	64	87	78	70	64	74	68	63	72	66	61	69	64	60	58			
	4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	52	49			
	5	75	62	53	47	73	61	53	46	59	52	46	57	50	45	55	49	45	42			
	6	70	56	47	41	68	55	47	40	53	46	40	51	45	40	50	44	39	37			
	7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	45	39	35	33			
	8	60	46	38	32	58	46	37	32	44	37	31	43	36	31	42	36	31	29			
	9	56	42	34	29	55	42	34	29	41	33	28	39	33	28	38	32	28	26			
	10	52	39	31	26	51	39	31	26	38	30	26	37	30	25	36	30	25	24			

RC - Ceiling Cavity Reflectance

22-LUX-LED-2000L-DIM10-MVOLT-40K-85

INPUT WATTS: **20**

LUMENS:2139

CRI: **85**

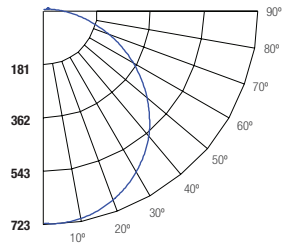
EFFICACY: **107**

CCT: **4000K**

TEST NO.: **EL06111916**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	265.64	12.4	12.4
0-30	567.58	26.5	26.5
0-40	937.24	43.8	43.8
0-60	1677.55	78.4	78.4
0-80	2086.15	97.5	97.5
0-90	2118.4	99	99

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	1918	1946	1879
55	1853	1889	1799
65	1726	1744	1649
75	1445	1461	1345
85	901	923	681

Lumens Per Zone

Zone	Lumens
0-10	68.48
10-20	197.16
20-30	301.94
30-40	369.65
40-50	388.59
50-60	351.72
60-70	264.79
70-80	143.8
80-90	32.25

Candela Tabulation

0	0	722.988
5	5	720.51
15	15	699.38
25	25	656.75
35	35	593.11
45	45	504.58
55	55	395.27
65	65	271.27
75	75	139.08
85	85	29.2
90	90	2.84

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	109	104	100	96	106	101	98	94	97	94	91	93	90	88	89	87	85	83	
	2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	75	71	69	
	3	90	79	71	65	87	78	70	64	74	68	63	72	66	61	69	64	60	58	
	4	82	70	61	55	80	69	60	54	66	59	53	64	57	52	61	56	52	49	
	5	75	63	54	47	73	61	53	47	59	52	46	57	50	45	55	49	45	43	
	6	70	56	47	41	68	55	47	41	53	46	40	52	45	40	50	44	40	39	
	7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	45	39	35	33	
	8	60	46	38	32	58	46	38	32	44	37	32	43	36	31	42	36	31	29	
	9	56	43	34	29	55	42	34	29	41	33	28	40	33	28	38	32	28	26	
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24		

RC - Ceiling Cavity Reflectance

22-LUX-LED-4000L-DIM10-MVOLT-40K-85

INPUT WATTS: **38.7**

LUMENS: **4059**

CRI: **85**

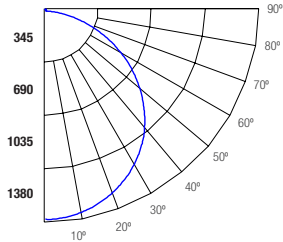
EFFICACY: **105**

CCT: **4000K**

TEST NO.: **EL06071913**

SPACING CRITERIA: **1.42**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	505.40	12.50	12.50
0-30	1079.16	26.60	26.60
0-40	1780.66	43.90	43.90
0-60	3187.49	78.50	78.50
0-80	3960.49	97.60	97.60
0-90	4019.11	99.00	99.00

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3563	3506	3601
55	3398	3272	3448
65	3094	2852	3163
75	2508	2097	2590
85	1063	532	1243

Lumens Per Zone

Zone	Lumens
0-10	130.38
10-20	375.01
20-30	573.76
30-40	701.50
40-50	736.98
50-60	669.86
60-70	502.12
70-80	270.88
80-90	58.62

Candela Tabulation

0	0	1377.517
5	5	1372.880
15	15	1326.330
25	25	1239.280
35	35	1112.180
45	45	937.140
55	55	724.880
65	65	486.380
75	75	241.480
85	85	34.460
90	90	2.390

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	109	104	100	96	106	102	98	94	97	94	91	93	90	88	89	87	85	83
	2	99	90	84	78	96	88	82	77	85	80	75	81	77	73	78	75	71	69
	3	90	79	71	65	87	78	70	64	75	68	63	72	66	61	69	64	60	58
	4	82	70	61	55	80	69	61	54	66	59	53	64	57	52	61	56	52	49
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	6	70	56	47	41	68	55	47	41	53	46	40	52	45	40	50	44	39	37
	7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	46	38	32	44	37	32	43	36	31	42	36	31	29	
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	38	32	28	26	
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24	