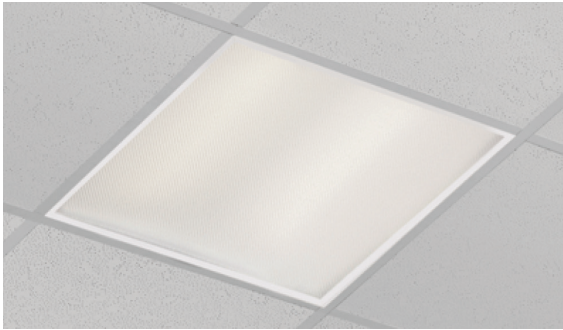
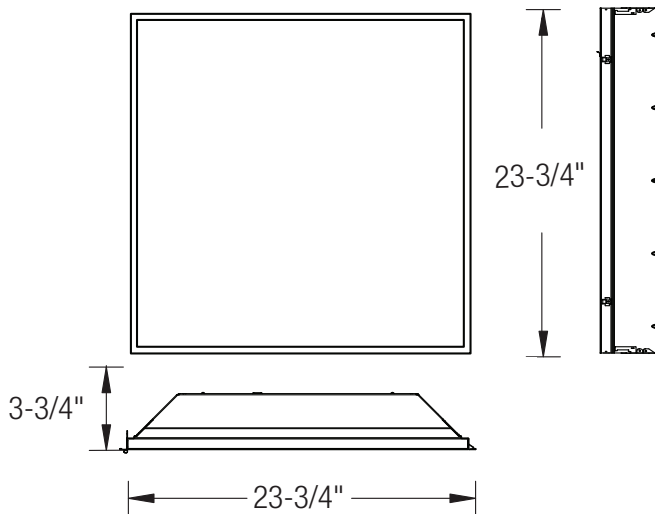




**MULTILUMEN
SELECTOR**

**EASY 3 COLORS
SELECTOR**
3500K • 4000K • 5000K



NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
5000	4690	42W
4000	3937	35W
3000	2818	26W

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

FEATURES

The OT-LED blends the traditional look of an architectural volumetric troffer with a center acrylic diffuser, resulting in unmatched optical performance that delivers the latest in LED technology and lens innovation. The integrated LEDs are strategically angled behind the center indirect acrylic diffuser to maximize lumen output and provide even illumination across the full face of the luminaire. The consistency of the volumetric effect results in optimized visual comfort, enhancing the quality of illumination. The combination of energy savings and optical performance creates the ideal choice for educational, medical, office and retail spaces.

LUMENS	3000/4000/5000L
CCT & DYNAMIC PLATFORMS	35K/40K/50K
CRI	85+
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x2', 2'x4', 1'x4'
MOUNTING	Recessed
DIMMING & CONTROL	0-10V Flicker Free 1% Dimming Standard (DIM10)
EMERGENCY	10W - Up to 1000L output (Bodine BSL310) 20W - Up to 2000L output (Bodine BSL20)
LIFETIME	L70 at 116,000 and L80 at 72,000 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 OT-LED uses a prismatic acrylic lens to scatter the light emitted from the LED chips into functional light. The LED offered in the OT-LED has the highest return on initial investment compared to other standard lighting solutions. Lens is attached to a door frame which is easily pivoted and removable without the use of tools.

CONSTRUCTION

Body is constructed of heavy-duty 20-gauge cold rolled steel gasketed, 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.

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-OT-LED-3000/4000/5000-DIM10-MVOLT-35K/40K/50K-85**

22	OT	LED								
FIXTURE SIZE	SERIES	TYPE	LUMENS	DIMMING	VOLTAGE	CCT	CRI		EMERGENCY	OTHER OPTIONS
22 - 2' X 2'	OT	LED	3000L/4000L/5000L	DIM10 - 0-10V Dimming	MVOLT	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 22-FA-DF - Flushed Aluminum Door Frame
								A12-A12 (Standard) A125 - #12 pattern acrylic .125" thick A19-A19 A-SFW -Smooth Frosted White A12-INV - Inverted Lens		

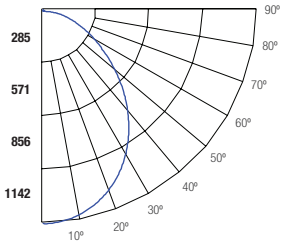
22-OT-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(3000L)

INPUT WATTS: **26** LUMENS: **2818** CRI: **85** EFFICACY: **108** CCT: **3500K**

TEST NO.: **EL03032005**

SPACING CRITERIA: **1.28**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	411.57	14.6	14.6
0-30	858.81	30.5	30.5
0-40	1373.52	48.7	48.7
0-60	2263.48	80.3	80.3
0-80	2718.09	96.5	96.5
0-90	2786.6	98.9	98.9

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2417	2429	2457
55	2042	2107	2158
65	1764	1837	1921
75	1674	1717	1823
85	1950	2063	2259

Lumens Per Zone

Zone	Lumens
0-10	107.55
10-20	304.02
20-30	447.24
30-40	514.7
40-50	491.02
50-60	398.94
60-70	282.04
70-80	172.58
80-90	68.5

Candela Tabulation

0	0
0	1140.773
5	1135.85
15	1086.44
25	983.68
35	828.87
45	635.64
55	435.64
65	277.35
75	161.15
85	63.22
90	7.73

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	119	119	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	99	99	99	99
1	109	104	100	96	96	96	106	102	98	94	97	94	91	93	91	88	89	87	85	83	83	83	83
2	99	91	85	79	79	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70	70	70	70
3	91	81	73	66	66	66	88	79	72	66	76	70	65	73	68	63	70	66	62	60	60	60	60
4	84	72	63	57	57	57	81	71	63	56	68	61	56	65	60	55	63	58	54	52	52	52	52
5	77	65	56	49	49	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45	45	45	45
6	71	58	50	43	43	43	69	57	49	43	56	48	43	54	47	42	52	46	42	40	40	40	40
7	66	53	45	39	39	39	65	52	44	38	51	43	38	49	43	38	48	42	37	35	35	35	35
8	62	49	40	35	35	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32	32	32	32
9	58	45	37	31	31	31	56	44	36	31	43	36	31	42	35	31	41	35	31	29	29	29	29
10	54	41	34	29	29	29	53	41	33	28	40	33	28	39	33	28	38	32	28	26	26	26	26

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

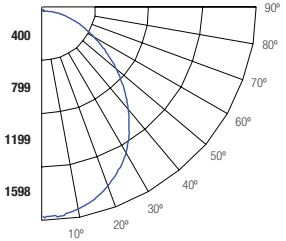
22-OT-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(4000L)

INPUT WATTS: **35.2** LUMENS: **3937** CRI: **85** EFFICACY: **112** CCT: **3500K**

TEST NO.: **EL03032006**

SPACING CRITERIA: **1.28**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	575.89	14.6	14.6
0-30	1201.77	30.5	30.5
0-40	1917.04	48.7	48.7
0-60	3160.7	80.3	80.3
0-80	3797.27	96.4	96.4
0-90	3893.46	98.9	98.9

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3383	3484	3450
55	2857	3048	3040
65	2465	2645	2676
75	2343	2528	2573
85	2718	3232	3231

Lumens Per Zone

Zone	Lumens
0-10	150.47
10-20	425.42
20-30	625.88
30-40	715.27
40-50	685.07
50-60	558.59
60-70	394.3
70-80	242.26
80-90	96.2

Candela Tabulation

0	0
0	1595.975
5	1589.29
15	1519.95
25	1376.6
35	1160.07
45	889.68
55	609.6
65	387.46
75	225.56
85	88.1
90	11.07

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	119	119	119	119	119	119	116	116	116	116	110	110	110	106	106	106	101	101	101	99	99	99	99
1	109	104	100	96	96	96	106	102	98	94	97	94	91	93	91	88	89	87	85	83	83	83	83
2	99	91	85	79	79	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70	70	70	70
3	91	81	73	66	66	66	88	79	72	66	76	70	64	73	68	63	70	66	62	60	60	60	60
4	84	72	63	57	57	57	81	71	63	56	68	61	56	65	59	55	63	58	54	52	52	52	52
5	77	65	56	49	49	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45	45	45	45
6	71	58	50	43	43	43	69	57	49	43	55	48	43	54	47	42	52	46	42	40	40	40	40
7	66	53	45	39	39	39	65	52	44	38	51	43	38	49	43	38	48	42	37	35	35	35	35
8	62	49	40	35	35	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32	32	32	32
9	58	45	37	31	31	31	56	44	36	31	43	36	31	42	35	31	41	35	31	29	29	29	29
10	54	41	34	29	29	29	53	41	33	28	40	33	28	39	33	28	38	32	28	26	26	26	26

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

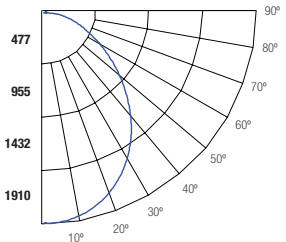
22-OT-LED-3000L-4000L-5000L-DIM10-MVOLT-35K-40K-50K-85(5000L)

INPUT WATTS: **42.1** LUMENS: **4690** CRI: **85** EFFICACY: **111** CCT: **3500K**

TEST NO.: **EL03032007**

SPACING CRITERIA: **1.28**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-20	687.8	14.7	14.7
0-30	1434.95	30.6	30.6
0-40	2288.25	48.8	48.8
0-60	3767.02	80.3	80.3
0-80	4524.06	96.5	96.5
0-90	4637.71	98.9	98.9

Luminance (Average candela/M²)

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	4026	4033	4114
55	3398	3496	3623
65	2896	3002	3184
75	2782	2837	3062
85	3182	3356	3822

Lumens Per Zone

Zone	Lumens
0-10	179.78
10-20	508.02
20-30	747.15
30-40	853.3
40-50	813.33
50-60	665.43
60-70	468.75
70-80	288.29
80-90	113.65

Candela Tabulation

0	0
0	1907.545
5	1898.87
15	1814.51
25	1641.78
35	1382
45	1058.77
55	724.94
65	455.2
75	267.78
85	103.17
90	10.9

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	110	110	110	106	106	106	101	101	101	99
	1	109	104	100	96	106	102	98	94	97	94	91	93	91	88	89	87	85	83
	2	99	91	85	79	97	89	83	78	86	81	76	82	78	74	79	76	72	70
	3	91	81	73	66	88	79	72	66	76	70	65	73	68	63	70	66	62	60
	4	84	72	63	57	81	71	63	56	68	61	56	65	60	55	63	58	54	52
	5	77	65	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
	6	71	58	50	44	69	57	49	43	56	48	43	54	47	42	52	46	42	40
	7	66	53	45	39	65	52	44	38	51	43	38	49	43	38	48	42	37	35
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32	
9	58	45	37	31	56	44	37	31	43	36	31	42	35	31	41	35	31	29	
10	54	41	34	29	53	41	33	28	40	33	28	39	33	28	38	32	28	26	