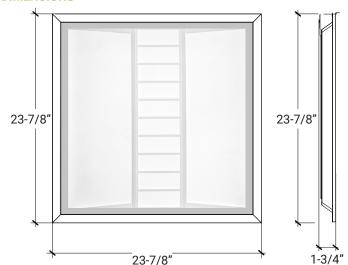






DIMENSIONS





2000/3000/4000

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
4000	4536	37W
3000	3538	28W
2000	2591	19W

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

The clean design of the Fully Luminous Decorative Troffer transforms your lighting projects into a masterpiece of art.

This unique 3D optical pattern is a contemporary alternative to traditional fluorescent troffers. The 22-OAT3D-LED-LT design delivers unmatched uniform light distribution.

Easily adjust brightness levels (multi-lumen) and color options (multi-CCT) in the field with multi-lumen and multi-CCT selectors. Perfect for offices, schools, healthcare, hospitals, retail, among other applica-

4000/5000/6000

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
6000	5694	50W
5000	4910	41W
4000	3831	30W

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

2000/3000/4000/5000

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
5000	4910	41W
4000	4536	37W
3000	3538	28W
2000	2591	19W

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

TECHNICAL DETAILS

LUMENS	2000L/ 3000L/ 4000L 2000L/ 3000L/ 4000L/ 5000L 4000L/ 5000L/ 6000L 5000L/ 6000L/ 7000L
ССТ	35K/40K/50K
	30K/35K/40K
	30K/35K/40K/50K
CRI	85+
UGR	<19

COLOR QUALITY 3 Step MacAdam Ellipse

SIZE	2'X2'
MOUNTING	Recessed, Suspended, Surface Mount
DIMMING	0-10V Flicker Free 10% Dimming Standard (Dim10)
EMERGENCY	10W-Up to 1000L output, 20W-Up to 2000L output
LIFETIME	L70 at 60,000 Hours
PHOTOMETRIC TST	In accordance with IES LM79-08, LM80 & TM30,TM21





















Fully Luminous Decorative Troffer With Multiple Lumens and CCT

MAINTENANCE

Luminaire can be regularly and safely wipe down to ensure the peak of performance.

OPTICAL SYSTEM

Clear acrylic 0.125" matte PMMA, in 18 different 3D graphic image printed on inside lens surface, which protects it from cleaning solutions with scratch and impact resistant lens. Illumination is spread across the entire surface of the Architectural Panel, emitting soft, even light. A 110-degree beam angle ensures clear, shadow-free light.

CONSTRUCTION

Narrow extruded aluminum is tightly held to code gauge steel back plate with seamless corners to maximize the light emitting surface with a refined finish. Acrylic Architectural Lens technology enables a wide-variety of 3D visual forms; all on an easy-to-clean flat surface.

MOUNTING

Easy to install. Mounting hardware included. Accommodates lay-in ceilings, Slot T, and T bar suspension systems for 5/8" and 3/8" ceiling widths. Built-in grid and earthquake clips come standard. Options for flange kits, surface mounted kits and more. SMK required if suspending the fixture.

Luminaires can be shipped pre-installed with whips, modular wiring systems.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers wich are rated for 50 to 60Hz at 120/277V input provides noise free operation. Available in 347V; produce less than 20% THD, and have a power factor of .90 to 1.00.

CONTROL OPTION

Compatible with field installed wireless controls such as daylight harvesting controls, occupancy sensors, and/or power packs for individual or room control applications

LED and PERFORMANCE

The Mid power LED array provides an uniform source with high efficiency and no pixilation in +85 CRI minimum, R9 greater than 12 with 3 SDCM. The color Temperature (CCT) and Lumen has a selectable range from 3000K to 5000k color temperature and 2000 to 6000 lumen with 2 separate side mount slide switch located in the back of the luminaire.

22-OAT3D-LED-LT

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free and continuous 10% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V and 347V

WARRANTY

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

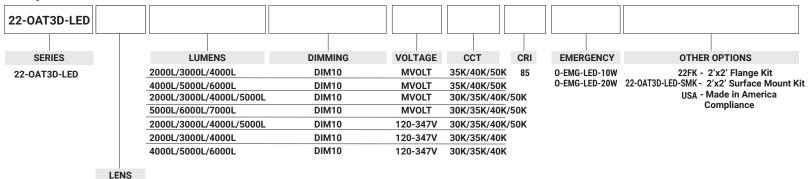
c-UL-us - Listed for Feed Through Wiring.

Can be used to comply with Tittle 24, non residential lighting requirements.

Damp location rated.

For DesignLights Consortium® (DLC) qualified products please visit www.designlights.org. Not all family members will be listed for DLC Premium or DLC Standard.

Example: 22-OAT3D-LED-LT-2000L/3000L/4000L-DIM10-120-347V-30K/35K/40K-85



















LT-Louvered Troffer



Fully Luminous Decorative Troffer With Multiple Lumens and CCT

80-90

73.89

one Par Zone

22-OAT3D-LED -2000L-3000L-4000L-DIM10-MV0LT-35K-40K-50K-85(2000L)

0-20

0-30

0-40

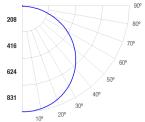
0-60

0-80

0-90

TEST NO.: **EL05212049** FFFICACY: 133 LUMENS: **2597** INPUT WATTS: 19.4949 CRI: N/A CCT: **3500K** SPACING CRITERIA: 1.42

Candle Power Distribution (Candelas)



LUUI		OI II.	<u> </u>	LITIONOI
Zonal Lui	nens Sumr	mary		Luminanc
Zone	Lumens	%Lamp	%Fixt	Angle in

11 70

25.10

41.60

75.20

96.20

99.00

11.70

25.10

41.60

75.20

96.20

99.00

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	2226	2269	2283
55	2200	2262	2282
65	2136	2227	2256
75	2018	2162	2200
85	1945	2331	2444

Lumens P	er Zone	<u>Candela T</u>	Candela Tabulation			
Zone Lumens			0			
		0.0	829.942			
0-10	78.62	5.0	827.490			
10-20	226.53	15.0	802.200			
20-30	347.55	25.0	753.010			
30-40	426.69	35.0	680.450			
40-50	453.11	45.0	585.350			
		55.0	469.270			
50-60	421.62	65.0	335.710			
60-70	334.88	75.0	194.290			
70-80	208 13	0E 0	62.040			

90.0

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

305 14

652.69

1079.38

1954.11

2497.12

2571.01

	RC		80	1%			70	1%			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	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67
0	3	89	78	69	62	86	76	68	62	73	66	61	70	64	59	67	62	58	56
AT10	4	81	69	60	53	79	67	59	52	65	57	51	62	56	50	60	54	50	47
8	5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41
≟	6	69	55	46	39	67	54	45	39	52	44	38	50	43	38	48	42	38	35
CAVIT	7	64	50	41	34	62	49	40	34	47	39	34	46	39	34	44	38	33	31
	8	59	45	37	31	57	45	36	30	43	36	30	42	35	30	40	34	30	28
ROOM	9	55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25
	10	52	38	30	25	50	38	30	25	37	29	25	36	29	24	35	29	24	22

RC - Ceiling Cavity Reflectance

RW - Wall Reflectance

22-OAT3D-LED-2000L-3000L-4000L-DIM10-MV0LT-35K-40K-50K-85(3000L)

INPUT WATTS: 28.8 **LUMENS: 3638** CRI: N/A

Candle Power Distribution (Candelas)

EFFICACY: 126

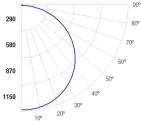
CCT: **3500K**

TEST NO.: **EL05212050** SPACING CRITERIA: 1.42

Candala Tabulation

10.750

290 580



Zonai Lumens Summary									
Zone	Lumens	%Lamp	%Fixt						
0-20	424.85	11.70	11.70						
0-30	908.79	25.00	25.00						
0-40	1503.04	41.30	41.30						
0-60	2730.86	75.10	75.10						
0-80	3496.32	96.10	96.10						
0-90	3600.78	99.00	99.00						

Angle in Degrees	Average 0°	Average 45°	Average 90°
45	3096	3153	3181
55	3061	3143	3184
65	2971	3094	3150
75	2838	3033	3117
85	2711	3244	3469

er Zulle	Gandela	abulation
Lumens		0
Lumono	0.0	1155.504
109.45	5.0	1152.370
315.39	15.0	1116.480
483.94	25.0	1048.560
594.25	35.0	947.260
	45.0	814.280
	55.0	653.000
	65.0	467.050
470.92	75.0	273.200
294.54	85.0	87.900
104.46	90.0	14.460
	315.39 483.94 594.25 635.45 592.37 470.92 294.54	Lumens 0.0 109.45 5.0 315.39 15.0 483.94 25.0 594.25 35.0 635.45 45.0 592.37 65.0 470.92 75.0 294.54 85.0

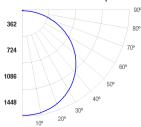
Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	RC		80	1%			70	1%			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	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	76	73	69	67
0	3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	62	58	56
Ē	4	81	69	59	52	79	67	59	52	64	57	51	62	56	50	60	54	50	47
2	5	74	61	52	45	72	60	51	45	58	50	44	55	49	43	53	48	43	41
≟	6	68	55	46	39	66	54	45	39	52	44	38	50	43	38	48	42	37	35
Α	7	63	50	41	34	62	49	40	34	47	39	34	45	39	33	44	38	33	31
0	8	59	45	36	30	57	44	36	30	43	35	30	42	35	30	40	34	30	28
ē	9	55	41	33	27	54	41	33	27	39	32	27	38	32	27	37	31	27	25
R0	10	52	38	30	25	50	38	30	25	36	29	24	35	29	24	35	28	24	22
F	RC - Ceiling Cavity Reflectance RW - Wall Reflectance																		

22-0AT3D-LED-2000L-3000L-4000L-DIM10-MV0LT-35K-40K-50K-85(4000L) TEST NO.: **EL05212051** INPUT WATTS: 37.4 SPACING CRITERIA: 1.42 **LUMENS: 4536** EFFICACY: 121 CCT: **3500K**

Candle Power Distribution (Candelas)



Zonal Lur	Zonal Lumens Summary										
Zone	Lumens	%Lamp	%Fixt								
0-20	530.24	11.70	11.70								
0-30	1134.29	25.00	25.00								
0-40	1876.05	41.40	41.40								
0-60	3402.22	75.00	75.00								
0-80	4358.49	96.10	96.10								
0-90	4489.77	99.00	99.00								

Luminan	ıminance (Average candela/M²)						
Angle in Degrees	Average 0°	Average 45°	Average 90°				
45	3865	3938	3974				
55	3820	3925	3981				
65	3708	3862	3940				
75	3544	3783	3918				
85	3384	4051	4368				

Lumens P	er Zone	Candela T	Candela Tabulation					
Zone	Lumens		0					
		0.0	1441.952					
0-10	136.60	5.0	1437.640					
10-20	393.64	15.0	1393.830					
20-30	604.05	25.0	1308.550					
30-40	741.77	35.0	1182.000					
40-50	788.05	45.0	1016.650					
50-60	738.12	55.0	814.920					
		65.0	582.820					
60-70	588.50	75.0	341.150					
70-80	367.77	85.0	109.710					
80-90	131.28	90.0	18.020					

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	RC		80	1%			70	1%			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	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	83	81
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	76	73	69	67
0	3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	62	58	56
RATIO	4	81	68	59	52	79	67	59	52	64	57	51	62	56	50	60	54	50	47
8	5	74	61	52	45	72	60	51	45	58	50	44	55	49	43	53	48	43	41
≟	6	68	55	46	39	66	54	45	39	52	44	38	50	43	38	48	42	37	35
CAVIT	7	63	50	41	34	62	49	40	34	47	39	34	45	39	33	44	38	33	31
	8	59	45	36	30	57	44	36	30	43	35	30	42	35	30	40	34	30	28
OM	9	55	41	33	27	54	41	33	27	40	32	27	38	32	27	37	31	27	25
8	10	52	38	30	25	50	38	30	25	36	29	24	35	29	24	35	28	24	22
	RC - Ceilin	g Cavity R	eflectance	,	RW - Wall	Reflectan	ce												



By Elite Lighting

22-0AT3D-LED-4000L-5000L-6000L-DIM10-120-347V-35K-40K-50K-85(4000L)

TEST NO.: **EL10052029** INPUT WATTS: 30.9 LUMENS: **3831** EFFICACY: 124 CCT: **3500K** SPACING CRITERIA: 1.42 CRI: N/A

Candle Power Distribution (Candelas) 312 623 935 1246

Zonal Lumens Summary								
Zone	Lumens	%Lamp	%Fixt					
0-20	453.15	11.80	11.80					
0-30	967.59	25.30	25.30					
0-40	1596.68	41.70	41.70					
0-60	2886.68	75.40	75.40					
0-80	3686.49	96.20	96.20					
0-90	3793.1	99.00	99.00					

Luminance (Average candela/M²)							
Angle in Degrees	Average 0°	Average 45°	Average 90°				
45	3271	3269	3269				
55	3223	3217	3219				
65	3134	3117	3113				
75	3014	2990	2967				
85	2906	2871	2850				

umens P	er Zone	<u>Candela la</u>	abulation
Zone	Lumens		0
20110	Editiono	0.0	1234.645
0-10	116.90	5.0	1232.700
10-20	336.25	15.0	1192.190
20-30	514.44	25.0	1116.330
30-40	629.10	35.0	1005.990
40-50	668.76	45.0	860.200
50-60	621.24	55.0	687.700
		65.0	492.620
60-70	492.13	75.0	290.170
70-80	307.68	85.0	94.200
80-90	106.61	90.0	12.930

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%
	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
	1	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67
0	3	89	78	69	63	86	76	68	62	73	66	61	70	64	59	67	62	58	56
ΑĬ	4	81	69	60	53	79	67	59	52	65	57	51	62	56	51	60	54	50	47
2	5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41
≟	6	69	55	46	39	67	54	45	39	52	44	39	50	43	38	49	42	38	36
Α	7	64	50	41	35	62	49	40	34	47	40	34	46	39	34	44	38	33	31
2	8	59	45	37	31	57	45	36	31	43	36	30	42	35	30	41	34	30	28
≅	9	55	42	33	28	54	41	33	27	40	32	27	39	32	27	37	31	27	25
2	10	52	38	30	25	50	38	30	25	37	30	25	36	29	24	35	29	24	23
	RC - Ceilin	ng Cavity R	eflectance	1	RW - Wall	Reflectane	ce												

22-0AT3D-LED-4000L-5000L-6000L-DIM10-120-347V-35K-40K-50K-85(5000L)

INPUT WATTS: 41.5

10°

LUMENS: 4910

CRI: N/A

EFFICACY: 118

CCT: 3500K

Lumens Per Zone

TEST NO.: **EL10052029** SPACING CRITERIA: 1.42

Candela Tabulation

Candle Power Distribution (Candelas) 1197 1596

20°

Zuliai Lui	ilelis Sullii	liary	
Zone	Lumens	%Lamp	%Fixt
0-20	582.38	11.90	11.90
0-30	1243.39	25.30	25.30
0-40	2051.59	41.80	41.80
0-60	3700.14	75.40	75.40
0-80	4725.16	96.20	96.20
0-90	4861.42	99.00	99.00

Luminance (Average candela/M²)								
Angle in Degrees	Average 0°	Average 45°	Average 90°					
45	4184	4194	4208					
55	4121	4122	4143					
65	3994	3992	4015					
75	3826	3817	3814					
85	3600	3657	3723					

		- Ouridold I	ubulution
Zone	Lumens		0
Lono	Editiono	0.0	1586.679
0-10	150.20	5.0	1582.040
10-20	432.18	15.0	1531.540
20-30	661.02	25.0	1431.370
30-40	808.19	35.0	1288.010
40-50	854.13	45.0	1100.460
50-60	794.42	55.0	879.260
		65.0	627.780
60-70	631.59	75.0	368.320
70-80	393.44	85.0	116.720
80-90	136.26	90.0	14.070
70-80	393.44	85.0	116.720

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

	RC		80	%			70	1%			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	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67
0	3	89	78	69	63	86	76	68	62	73	66	61	70	64	60	67	62	58	56
Ē	4	81	69	60	53	79	67	59	52	65	57	51	62	56	51	60	54	50	48
2	5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41
≧	6	69	55	46	39	67	54	45	39	52	44	39	50	43	38	49	42	38	36
A	7	64	50	41	35	62	49	40	34	47	40	34	46	39	34	44	38	33	31
2	8	59	45	37	31	58	45	36	31	43	36	30	42	35	30	41	34	30	28
8	9	55	42	33	28	54	41	33	27	40	32	27	39	32	27	37	31	27	25
2	10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23
	0 0-111	Oit D	-414		D144 144-11	D-414													

22-0AT3D-LED-4000L-5000L-6000L-DIM10-120-347V-35K-40K-50K-85(6000L)

INPUT WATTS: 50.1 LUMENS: **5694** CRI: N/A EFFICACY: 114 CCT: 3500K

TEST NO.: **EL10052034** SPACING CRITERIA: 1.42

1841.245 1836.170

1776.490

1662.800

1496.350

1278.260 1019.080

729.050

426.080

136.350

19.200

Candela Tabulation

0.0 5.0

25.0 35.0

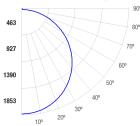
45.0

55.0

75.0

85.0

Candle Power Distribution (Candelas)



Zonai Lumens Summary													
	Zone	Lumens	%Lamp	%Fixt									
	0-20	675.71	11.90	11.90									
	0-30	1442.7	25.30	25.30									
	0-40	2380.54	41.80	41.80									
	0-60	4289.98	75.30	75.30									
	0-80	5479.56	96.20	96.20									
	0.00	5627 92	00.00	00.00									

Angle in Degrees	Average 0°	Average 45°	Average 90°		
45	4860	4872	4880		
55	4777	4796	4816		
65	4638	4637	4657		
75	4426	4388	4405		
85	4206	4201	4335		

minan	ce (Average	candela/	Lumens Per Zone				
ngle in	Average 0°	Average 45°	Average 90°	Zone	Lumens		
45	4860	4872	4880	0-10	174.29		
55	4777	4796	4816	10-20	501.42		
65	4638	4637	4657	20-30	766.99		
75	4426	4388	4405	30-40	937.84		
85	4206	4201	4335	40-50	991.15		
00	4200	4201	4333	50-60	918.29		
				60-70	733.04		
thod				70-80	456.54		

80-90

158.26

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%
	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
	1	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81
	2	98	89	82	76	95	87	80	75	83	78	73	80	75	71	77	73	69	67
0	3	89	78	69	63	86	76	68	62	73	66	61	70	64	59	67	62	58	56
Ē	4	81	69	60	53	79	67	59	52	65	57	51	62	56	51	60	54	50	48
2	5	74	61	52	45	72	60	51	45	58	50	44	56	49	44	54	48	43	41
≟	6	69	55	46	39	67	54	45	39	52	44	39	50	43	38	49	42	38	36
₽	7	64	50	41	35	62	49	40	34	47	40	34	46	39	34	44	38	33	31
2	8	59	45	37	31	58	45	36	31	43	36	30	42	35	30	41	34	30	28
8	9	55	42	33	28	54	41	33	27	40	32	27	39	32	27	37	31	27	25
8	10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23

RC - Ceiling Cavity Reflectance RW - Wall Reflectance