





23-7/8"

	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%

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%

FEATURES

The clean design of the **Fully Luminous Decorative Troffer** transforms your lighting projects into a masterpiece of art based on among humans. These 18 unique 3D optical patterns are a contemporary alternative to traditional fluorescent troffers. **The 22-OAT3D-LED** design delivers unmatchable uniform light distribution. Easily adjust brightness level (multi-lumen) and color options (multi-CCT) in the field with multi-lumen and **multi CCT** selectors. Perfect for **offices, schools, healthcare, hospital, retail,** among other applications.

LUMENS	2000/ 3000/ 4000 4000/ 5000/ 6000
ССТ	35K/ 40K/ 50K 30K/35K/ 40K 30K/35K/40K/50K (Only for 2000/3000/4000L Lumens)
CRI	85+
UGR	<19
COLOR QUALITY	3 Step MacAdam Ellipse
SIZE	2'x2'
MOUNTING	Recessed, Suspended, Surface Mount
DIMMING & CONTROL	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 TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21









Decorative lens OPTIONS



CH-Center Hexagon







4S-Four Squares



FG-Full Offset Grid



CC-Center Circle





RD-Reeds



PK-Peaks



SD-Spatial Depth



CU-Cubes



DA-Diamond





LT-Louvered Troffer



ST-Slot Troffer



CQ-Center Square



CG-Center Grid



GD-Gradient



SQT-Square Text



FM-Floating Frame



OF-Offset







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.

OPTIONS

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.

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)

LISTINGS

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

<u>Can be used to comply</u> 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-CG-2000L/3000L/4000L-DIM10-120-347V-30K/35K/40K-85

2-OAT3D-LED						
SERIES	LUMENS	DIMMING	VOLTAGE	CCT CRI	EMERGENCY	OTHER OPTIONS
2-OAT3D-LED	2000L/3000L/4000L	DIM10 - 0-10V Dimming	MVOLT	35K/40K/50K 85	0-EMG-LED-10W	22FK - 2'x2' Flange Kit
	4000L/5000L/6000L	DIM10 - 0-10V Dimming	MVOLT	35K/40K/50K	0-EMG-LED-20W	22-0AT3D-LED-SMK - 2'x2' Surface Mount Kit
	2000L/3000L/4000L/5000L	DIM10 - 0-10V Dimming	MVOLT	30K/35K/40K/50K		USA - Made in America Compliance
	5000L/6000L/7000L	DIM10 - 0-10V Dimming	MVOLT	30K/35K/40K/50K		compliance
	2000L/3000L/4000L/5000L	DIM10 - 0-10V Dimming	120-347V	30K/35K/40K/50K		
	2000L/3000L/4000L	DIM10 - 0-10V Dimming	120-347V	30K/35K/40K		
	4000L/5000L/6000L	DIM10 - 0-10V Dimming	120-347V	30K/35K/40K		
LEN	S					
CH-Center Hexagon	SD-Spatial Depth					
RD-Reeds	CQ-Center Square					
LT-Louvered Troffer GD-Gradient	FM-Floating Frame FG-Full Offset Grid					
TP- Trapezoid	CU-Cubes					
PK-Peaks	CG -Center Grid					
ST-Slot Troffer	OF-Offset					
SQT-Square Text	CC-Center Circle					
4S-Four Squares	DA-Diamond					



Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.



22-OAT3D-LEDFully Luminous Decorative Troffer With Multiple Lumens and CCT



TEST NO .: EL05212049

22-0AT3D-LED -2000L-3000L-4000L-DIM10-MV0LT-35K-40K-50K-85(2000L)

RC - Ceiling Cavity

- Wall Reflec

WATTS: 19.4949 LUME	NS: 259 7		0	CRI: N//	1	EFFICAC	Y: 133		CCT: 350	OK			S	PACINO	G CRIT	ERIA:
Power Distribution (Candelas)	Zonal	Lumens S	umma	ary		Luminan	ce (Average	e candela	/M ²)	Lumens	Per Zo	ne	Can	ndela Ta	bulatio	n
90°	Zon	e Lume	ens	%Lamp	%Fixt	Angle in	Average 0°	Average	Average	Zone	Lu	mens			0	
80*	0-2	305.	14	11.70	11.70	Degrees		45°	90°	0-10	7	3.62		0.0	829.	
MAR T-1	0-3	652.	69	25.10	25.10	45	2226	2269	2283					5.0 15.0	827. 802.	
70°	0-4	1079	.38	41.60	41.60	55	2200	2262	2282	10-20		6.53		25.0	753.	
HT XX	0-6	1954	.11	75.20	75.20	65	2136	2227	2256	20-30		7.55		35.0	680.	
60*	0-8		12	96.20	96.20	75	2018	2162	2200	30-40		6.69		45.0	585.	
50°	0-9			99.00	99.00	85	1945	2331	2444	40-50		3.11		55.0	469.	
The sur	0-3	2011	.01	33.00	33.00		1040	2001	2444	50-60	42	1.62		65.0	335.	
40°										60-70	33	4.88	7	75.0	194	290
	Cos	Historia a	4 114:11:	rotion '	Zonal Ca	with Mothod				60-70 70-80		4.88 8.13		75.0 35.0	194. 63.0	
40° 30° 10° 20°		fficients o				vity Method					20		8	75.0 35.0 90.0	194. 63.0 10.7	040
30°		ctive Floor	r Cavit				%		50%	70-80	20	8.13	8	35.0	63.0	040
30°	Effe	ctive Floor	r Cavit	ty Reflect 80% 30%	ance 0.20	0 70% 70% 50%	30% 10		30% 1	70-80 80-90	20 7: 30% 30%	18.13 3.89 10%	50%	35.0 90.0 10% 30%	63.0 10.7	040 750 0% 0%
30°	Effe	tive Floor 70%	r Cavit 50% 119	ty Reflect 80% 30% 119	ance 0.20	0 70 70% 50% 116 116	30% 10 ⁴ 116 11	6 111	30% 1 111	70-80 80-90 0% 50% 11 106	20 73 30% 30% 106	18.13 3.89 10% 106	50% 101	35.0 90.0 10% 30% 101	63.0 10.7 10% 101	040 750 0% 99
30°	Effe	70%	r Cavit 50% 119 103	80% 30% 119 98	ance 0.20	0 70% 50% 116 116 105 100	30% 10 116 11 96 92	6 111 96	30% 1 111 92	70-80 80-90 0% 50% 11 106 92	20 73 30% 30% 106	18.13 3.89 10% 106 86	50%	35.0 90.0 10% 30% 101 86	63.0 10.7 10% 101 84	040 750 0% 99 81
30°	Effe	70% 119 108 98	r Cavit 50% 119 103 89	80% 30% 119 98	10% 119 94 76	0 70% 50% 116 116 105 100 95 87	30% 10 116 110 96 92 80 75	6 111 2 96 5 83	30% 1 111 92	70-80 80-90 50% 11 106 39 92 73 80	20 7: 30% 106 89 75	18.13 3.89 10% 106 86 71	50% 101 88 77	35.0 90.0 10% 30% 101 86	63.0 10.7 10% 101 84 69	040 750 0% 99 81 67
30°	Effe	70%	r Cavit 50% 119 103 89 78	ty Reflect 80% 30% 119 98 82 69	ance 0.20	0 70% 50% 116 116 105 100 95 87 86 76	30% 10 116 111 96 92 80 75 68 62	6 111 2 96 5 83 2 73	30% 1 111 92 78 66	70-80 80-90 50% 11 106 39 92 73 80 31 70	20 7: 30% 106 89 75 64	18.13 3.89 10% 106 86	50%	35.0 90.0 10% 30% 101 86 73 62	63.0 10.7 10% 101 84 69 58	040 750 0% 99 81 67 56
30°	Effe	70% 119 108 98	r Cavit 50% 119 103 89 78 69 61	ty Reflect 80% 30% 119 98 82 69 60 52	10% 119 94 76 62 53 45	0 70% 50% 116 116 105 100 95 87 86 76 79 67 72 60	30% 10% 116 110 96 92 80 75 68 62 59 52 51 45	6 111 2 96 5 83 2 73 2 65 5 58	30% 1 111 92 78 66 57 50	70-80 80-90 50% 50% 11 106 39 92 3 80 31 70 51 62 14 56	20 7: 30% 30% 106 89 75 64 56 49	10% 106 86 71 59 50 44	50% 101 88 77 67 60 54	35.0 90.0 10% 30% 101 86 73 62 54 48	63.0 10.7 10% 101 84 69 58 50 43	040 750 0% 99 81 67 56 47 41
30°	Effe	tive Floor 70% 119 108 98 89 81 74 69	r Cavit 50% 119 103 89 78 69 61 55	ty Reflect 80% 30% 119 98 82 69 60 52 46	ance 0.20 10% 119 94 76 62 53 45 39	0 70% 50% 116 116 105 100 95 87 86 76 79 67 72 60 67 54	30% 10% 116 111 96 92 80 75 68 62 59 52 51 45 45 39	6 111 2 96 5 83 2 73 2 65 5 58 9 52	30% 1 111 92 78 66 57 50 44	70-80 80-90 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50	20 7: 30% 30% 106 89 75 64 56 49	8.13 3.89 10% 106 86 71 59 50 44 38	50% 101 88 77 67 60 54 48	35.0 30.0 10% 30% 101 86 73 62 54 48 42	63.0 10.7 10% 101 84 69 58 50 43 38	040 750 0% 99 81 67 56 47 41 35
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30°	Effe	tive Floor 70% 119 108 98 89 81 74 69	r Cavit 50% 119 103 89 78 69 61 55	ty Reflect 80% 30% 119 98 82 69 60 52 46	ance 0.20 10% 119 94 76 62 53 45 39	0 70% 50% 116 116 105 100 95 87 86 76 79 67 72 60 67 54	30% 10% 116 111 96 92 80 75 68 62 59 52 51 45 45 39	6 111 2 96 5 83 2 73 2 65 5 58 9 52 4 47 0 43	30% 1 111 92 78 66 57 50 44 39 36	70-80 80-90 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50% 50	20 7: 30% 30% 106 89 75 64 56	8.13 3.89 10% 106 86 71 59 50 44 38	50% 101 88 77 67 60 54 48	35.0 30.0 10% 30% 101 86 73 62 54 48 42	63.0 10.7 10% 101 84 69 58 50 43	040 750 0% 99 81 67 56 47 41

T WATTS: 28.8 LUI	MENS: 3	638		CRI: N/	A	EFFICAC	1: 126	3	CCT: 35	OOK			S	PACIN	G CRIT	ERIA
e Power Distribution (Candelas)	Zo	nal Lun	nens Sum	mary		Luminan	ce (Average	candela	/M ²	Lumens	Per Zo	1e	Car	idela Ta	bulatio	n
909		Zone	Lumens	%Lamp	%Fixt	Angle in	Average 0°	Average	Average	Zone	Lu	nens		ours	0	
80°		0-20	424.85	11.70	11.70	Degrees	monage o	45°	90°	0-10	10	9.45		0.0	1155	
TIME T		0-30	908.79	25.00	25.00	45	3096	3153	3181	10-20		5.39		5.0 15.0	1152	
770°		0-40	1503.04	41.30	41.30	55	3061	3143	3184	20-30		3.94		25.0	1048	
HAX 60°		0-60	2730.86	75.10	75.10	65	2971	3094	3150	30-40		4.25		35.0	947.	
1 1 1 × 60°		0-80	3496.32	96.10	96.10	75	2838	3033	3117		1.00			15.0	814.	
			0000 70	00.00	00.00	85	2711	3244	3460	40-50	03	0.45		55.0	653.	000
50°		0-90	3600.78	99.00	99.00	65	2/11	0244	40-50 635.45 3469 50-60 592.37				65.0			
T X X	85	0-90	3600.78	99.00	99.00		2111	0244	0403	- 50-60	1000		(65.0	467.	050
40°	5		17.57652147				2111	5244	0405	60-70	47	0.92	6	65.0 75.0	467. 273.	050 200
T X X		Coeffic	ients of U		Zonal Cav	ity Method	2111	0244	0409		47 29			65.0	467.	050 200 900
30° 40°		Coeffic Effectiv RC	ients of U e Floor C	tilization - avity Reflec 80%	Zonal Cav tance 0.20	ity Method	%	1	50%	60-70 70-80 80-90	47 29 10 30%	0.92 4.54 4.46		35.0 75.0 35.0 90.0 10%	467. 273. 87.9 14.4	050 200 900 160
30° 40°		Coeffic Effectiv RC RW	ients of U e Floor C 70% 5	tilization - avity Reflec 80% 0% 30%	Zonal Cav tance 0.20	ity Method 70 70% 50%	% 30% 109	% 50%	50% 30%	60-70 70-80 80-90	47 29 10 30% 30%	0.92 4.54 4.46 10%	50%	35.0 75.0 35.0 90.0 10% 30%	467. 273. 87.9 14.4	050 200 900 160 0%
30° 40°		Coeffic Effectiv RC	ients of U e Floor C 70% 5 119	tilization - avity Reflec 80% 0% 30% 119 119	Zonal Cav tance 0.20 10% 119	ity Method 70 70% 50% 116 116	% 30% 10 116 110	% 50% 5 111	50% 30% 111	60-70 70-80 80-90 10% 50% 111 106	47 29 10 30% 106	0.92 4.54 4.46 10% 106	50% 101	\$5.0 75.0 35.0 90.0 10% 30% 101	467. 273. 87.9 14.4 10% 101	050 200 000 160 0% 0% 99
30° 40°		Coeffic Effectiv RC RW	ients of U e Floor C 70% 5 119 108 98	tilization - avity Reflec 80% 90% 30% 119 119 103 98 89 82	Zonal Cav tance 0.20	ity Method 70 70% 50%	% 30% 10% 116 110 96 92 80 75	% 50% 6 111 96	50% 30% 111 92 78	60-70 70-80 80-90	47 29 10 30% 106 89 75	0.92 4.54 4.46 10% 106 86 71	50%	35.0 75.0 35.0 90.0 10% 30% 101 86 73	467. 273. 87.9 14.4 10% 101 84 69	050 200 000 160 0%
30° 40°		Coeffic Effectiv RC RW	ients of U e Floor C 70% 5 119 108 98 89	tilization - avity Reflec 0% 30% 119 119 103 98 89 82 78 69	Zonal Cav tance 0.20 10% 119 94 76 62	ity Method 70% 50% 116 116 105 100 95 87 86 76	% 30% 10' 116 11' 96 92 80 75 68 62	% 50% 6 111 96 83 1 73	50% 30% 111 92 78	60-70 70-80 80-90 10% 50% 111 106 89 92 73 80 60 70	47 29 10 30% 106 89 75	0.92 4.54 4.46 10% 106 86 71 59	50% 101 88 76 67	35.0 75.0 35.0 90.0 10% 30% 101 86 73 62	467. 273. 87.9 14.4 10% 101 84 69 58	050 200 160 0% 0% 99 81 67 56
30° 40°		Coeffic Effectiv RC RW 0 1 2 3 4	ients of U e Floor C 70% 5 119 108 98 89 89 81	tilization - avity Reflec 80% 0% 30% 119 119 103 98 89 82 78 69 69 59	Zonal Cav tance 0.20 10% 119 94 76 62 52	ity Method 70% 50% 116 116 105 100 95 87 86 76 79 67	% 30% 10' 116 111 96 92 80 75 68 62 59 52	% 50% 6 111 96 83 73 64	50% 30% 111 92 78 66 57	60-70 70-80 80-90 10% 50% 111 106 89 92 73 80 60 70 51 62	47 29 10 30% 106 89 75	0.92 4.54 4.46 10% 106 86 71 59 50	50% 101 88 76 67 60	85.0 75.0 35.0 90.0 10% 30% 101 86 73 62 54	467. 273. 87.9 14.4 10% 101 84 69 58 50	050 200 000 160 0% 99 81 67 56 47
30° 40°	RATIO	Coeffic Effectiv RC RW 0 1 2	ients of U e Floor C 70% 5 119 108 98 89 81 74	tilization - avity Reflec 80% 0% 30% 119 119 103 98 89 82 78 69 69 59 61 52	Zonal Cav tance 0.20 10% 119 94 76 62 52 45	ity Method 70% 50% 116 116 105 100 95 87 86 76 79 67 72 60	% 30% 10% 116 11 96 92 80 75 68 62 59 52 51 45	% 50% 6 111 96 83 73 64 58	50% 30% 111 92 78 66 57 50	60-70 70-80 80-90 10% 50% 111 106 89 92 73 80 60 70 51 62 44 55	47 29 10 30% 30% 106 89 75 64 56 49	0.92 4.54 4.46 10% 106 86 71 59 50 43	50% 101 88 76 67 60 53	\$5.0 75.0 35.0 90.0 10% 30% 101 86 73 62 54 48	467. 273. 87.9 14.4 10% 101 84 69 58 50 43	050 200 160 0% 0% 99 81 67 56 47 41
30° 40°	RATIO	Coeffic Effectiv RC RW 0 1 2 3 4 5 6 7	ients of U e Floor C 119 108 98 89 81 74 68 63	tilization - avity Reflec 80% 0% 30% 119 119 03 98 89 82 78 69 69 59 61 52 55 46 50 41	Zonal Cav tance 0.20 10% 119 94 76 62 52 45 39 34	70% 50% 116 116 105 100 95 87 86 76 79 67 72 60 66 54 62 49	% 30% 10 116 111 96 92 80 75 68 62 59 52 51 45 45 36 40 34	50% 5 111 96 83 73 64 58 52 47 47	50% 30% 111 92 78 66 57 50 44 39	60-70 70-80 80-90 10% 50% 1111 106 89 92 73 80 60 70 51 62 44 55 38 50 34 45	47 29 10 30% 106 89 75 64 56 49 43	0.92 4.54 4.46 106 86 71 59 50 43 38 33	50% 101 88 76 67 60 53 48 48 44	35.0 75.0 35.0 30.0 10% 30% 101 86 73 62 54 48 42 38	467. 273. 87.5 14.4 10% 101 84 69 58 50 43 37 33	050 200 160 0% 0% 99 81 67 56 47 41 35 31
30° 40°		Coeffic Effectiv RC RW 0 1 2 3 4	ients of U e Floor C: 70% 5 119 108 98 89 81 74 68 63 59	tilization - avity Reflec 80% 0% 30% 119 119 103 98 89 82 78 69 69 59 61 52 55 46	Zonal Cav tance 0.20 10% 119 94 76 62 52 45 39	70% 50% 70% 50% 116 116 105 100 95 87 86 76 79 67 72 60 66 54	% 30% 10% 116 111 96 92 80 75 68 62 59 52 51 45 38	50% 5 111 96 83 73 64 58 52 47 43	50% 30% 111 92 78 66 57 50 44	60-70 70-80 80-90 10% 50% 1111 106 89 92 73 80 60 70 51 62 44 55 38 50	47 29 10 30% 30% 106 89 75 64 56 49	0.92 4.54 4.46 106 86 71 59 50 43 38	50% 101 88 76 67 60 53 48	\$5.0 75.0 35.0 30.0 10% 30% 101 86 73 62 54 48 42	467. 273. 87.9 14.4 10% 101 84 69 58 50 43 37	050 200 000 160 0% 99 81 67 56 47 41 35

22-0AT3D-LED-2000L	-3000L-4000L-DIM10	-MVOLT-35K-40K-5	0K-85(4000L)			TEST NO.: EL05212051
INPUT WATTS: 37.4	LUMENS: 4536	CRI: N/A	EFFICACY: 121	CCT: 35	00K	SPACING CRITERIA: 1.42
Candle Power Distribution (Candelas) Zonal Lume	ens Summarv	Luminanaa (Avarana a	andola/M2	Lumono Dor Zono	Out of Table Second

	Zonal Lui	mens Sun	imary		Lu	Luminance (Average candela/M ²)				L	umens	ne	Candela Tabulation				
90°	Zone	Lumens	%Lamp	%Fixt	A	Angle in	Average 0°	Average	Average		Zone	Lui	mens			(
809	0-20	530.24	11.70	11.70	D	Degrees	Average o	45°	90°		0.40	40	0.00		0.0	1441	
X	0-30	1134.29	25.00	25.00		45	3865	3938	3974	1.1	0-10		6.60		5.0	1437	
70°	0-40	1876.05	41.40	41.40		55	3820	3925	3981 3940		10-20		393.64		15.0	1393.83	
	0-60	3402.22	75.00	75.00		65	3708	3862			20-30	60	4.05	25.0		1308.550	
60°						75	3544	3783	3918		30-40	74	1.77		35.0		
	0-80	4358.49	96.10	96.10							40-50	78	8.05		45.0	1016	
50°	0-90	4489.77	99.00	99.00		85	3384	4051	4368	1/3	50-60	73	8.12		55.0	814.	
100											60-70	58	8.50		65.0 75.0	582. 341.	
40°												00	0.00		0.0		
						-					70-80	36	777		DE O		
30°			tilization ·			ethod					70-80		7.77		35.0	109.	710
			tilization · avity Refle			ethod					70-80 80-90		7.77 1.28		35.0 90.0		710
30°	Effectiv		avity Refle				%	1	50%			13			90.0	109.	710
30°	Effectiv	/e Floor C	avity Refle 80%	ctance 0.	20	70%		50%	50% 30%	10%	80-90	13 30%	1.28	9	90.0 10%	109. 18.0	710 020
30°	Effectiv	/e Floor C	80% 80% 80% 30%	tance 0.:	20 70%	70% 50%	30% 10		30%	10%	80-90 50%	13 30% 30%	1.28	50%	90.0 10% 30%	109. 18.0 10%	710 020
30°	Effectiv	70% !	80% 80% 30% 30% 119 103 98	10%	20 70% 116 105	70% 50% 116 100	30% 10 ⁹ 116 110	5 111 96	30%	111 89	80-90 50% 106 92	13 30% 30% 106 89	1.28 10% 106 86	9	90.0 10% 30% 101	109. 18.0 10% 101 83	710 020 0% 99 81
30°	Effectiv	/e Floor C 70% ! 119 108 98	80% 80% 30% 30% 119 103 88 89 82	10% 119 94 76	20 70% 116 105 95	709 50% 116 100 87	30% 10% 116 111 96 92 80 75	5 111 96 83	30%	111 89 73	80-90 50% 106 92 80	13 30% 30% 106 89 75	1.28 10% 106 86 71	50% 101 88 76	90.0 10% 30% 101 86 73	109. 18.0 10% 101 83 69	710 020 0% 0% 99
30°	Effective RC RW 0 1 2	/e Floor C 70% ! 119 108 98 89	80% 80% 30% 30% 119 103 88 89 82 78 69	10% 119 94 76 62	20 70% 116 105 95 86	70% 50% 116 100 87 76	30% 10% 116 110 96 92 80 75 68 62	5 111 96 83 73	30% 111 92 78 66	111 89 73 60	80-90 50% 106 92 80 70	13 30% 30% 106 89 75 64	1.28 10% 106 86 71 59	50% 101 88 76 67	90.0 10% 30% 101 86 73 62	109. 18.0 10% 101 83 69 58	710 020 0% 99 81
30°	Effective RC RW 0 1 2	70% ! 119 108 98 89 81	80% 80% 30%	10% 119 94 76 62 52	20 70% 116 105 95 86 79	70% 50% 116 100 87 76 67	30% 10% 116 111 96 92 80 75 68 62 59 52	5 111 96 83 73 64	30% 111 92 78 66 57	111 89 73 60 51	80-90 50% 106 92 80 70 62	13 30% 30% 106 89 75 64 56	10% 106 86 71 59 50	50% 101 88 76 67 60	90.0 10% 30% 101 86 73 62 54	109. 18.0 10% 101 83 69 58 50	710 020 0% 99 81
30°	Effective RC RW 0 1 2	70% ! 70% ! 119 108 98 89 81 74	80% 60% 30% 119 119 103 98 89 82 78 69 68 59 61 52	110% 119 94 76 62 52 45	20 70% 116 105 95 86 79 72	70% 50% 116 100 87 76 67 60	30% 10 116 111 96 92 80 75 68 62 59 52 51 45	5 111 96 83 73 64 58	30% 111 92 78 66 57 50	111 89 73 60 51 44	80-90 50% 106 92 80 70 62 55	13 30% 30% 106 89 75 64 56 49	10% 106 86 71 59 50 43	50% 101 88 76 67 60 53	90.0 10% 30% 101 86 73 62 54 48	109. 18.0 10% 101 83 69 58 50	710 020 0% 99 81 67 56 47 41
30° 20°	Effective RC RW 0 1 2 3 4 4 5 5 6	70% ! 119 108 98 89 81 74 68	80% 60% 30% 119 119 103 98 89 82 78 69 68 59 61 52	110% 119 94 76 62 52 45 39	20 70% 116 105 95 86 79 72 66	709 50% 116 100 87 76 67 60 54	30% 10 9 116 111 96 92 80 75 68 62 59 52 51 45 45 39	5 111 96 83 73 64 58 52	30% 111 92 78 66 57 50	111 89 73 60 51 44 38	80-90 50% 106 92 80 70 62 55 55 50	13 30% 30% 106 89 75 64 56 49 43	10% 106 86 71 59 50 43 38	50% 101 88 76 67 60	90.0 10% 30% 101 86 73 62 54 48	109. 18.0 10% 101 83 69 58 50	710 020 0% 99 81 67 56 47 41 35
30° 20°	Effective RC RW 0 1 2 3 4 4 5 5 6	70% ! 119 108 98 89 81 74 68 63	80% 80% 30% 119 119 103 98 89 82 78 69 68 59 61 52 55 46 50 41	10% 119 94 76 62 52 45 39 34	20 70% 116 105 95 86 79 72 66 62	709 50% 116 100 87 76 67 60 54 49	30% 10% 116 111 96 92 80 75 68 62 59 52 51 45 45 39 40 34	5 111 96 83 73 64 58 52 47	30% 111 92 78 66 57 50 44 39	111 89 73 60 51 44 38 34	80-90 50% 106 92 80 70 62 55 55 50 45	13 30% 30% 106 89 75 64 56 49 43 39	10% 106 86 71 59 50 43 38 33	50% 101 88 76 67 60 53 48 48 44	90.0 10% 30% 101 86 73 62 54 48	109. 18.0 10% 101 83 69 58 50	710 020 0% 99 81 67 56 47 41 35 31
30° 20°	Effective RC RW 0 1 2 3 4 5 6 7 8	70% 9 119 108 98 89 81 74 68 63 59	80% 80% 30% 119 119 103 98 89 82 78 69 68 59 61 52 55 46 50 41 45 36	10% 119 94 76 62 52 45 39 34 30	20 70% 116 105 95 86 79 72 66 62 57	709 50% 116 100 87 76 67 60 54	30% 109 116 111 96 92 80 75 68 62 59 52 51 45 45 39 40 34	5 111 96 83 73 64 58 52 47 43	30% 111 92 78 66 57 50 44 39	111 89 73 60 51 44 38 34 30	80-90 50% 106 92 80 70 62 55 50 45 42	13 30% 30% 106 89 75 64 56 49 43 39 35	11.28 10% 106 86 71 59 50 43 38 33 30	50% 101 88 76 67 60 53 48 44 40	90.0 10% 30% 101 86 73 62 54 48 42 38 34	109. 18.0 10% 101 83 69 58 50	710 020 0% 99 81 67 56 47 41 35 31 28
30° 20°	Effective RC RW 0 1 2 3 4 5 6 7 8	70% ! 119 108 98 89 81 74 68 63	80% 80% 30% 119 119 103 98 89 82 78 69 68 59 61 52 55 46 50 41	10% 119 94 76 62 52 45 39 34	20 70% 116 105 95 86 79 72 66 62	709 50% 116 100 87 76 67 60 54 49	30% 10% 116 111 96 92 80 75 68 62 59 52 51 45 45 39 40 34	5 111 96 83 73 64 58 52 47 43 40	30% 111 92 78 66 57 50	111 89 73 60 51 44 38 34	80-90 50% 106 92 80 70 62 55 55 50 45	13 30% 30% 106 89 75 64 56 49 43 39	10% 106 86 71 59 50 43 38 33	50% 101 88 76 67 60 53 48 48 44	90.0 10% 30% 101 86 73 62 54 48	109. 18.0 10% 101 83 69 58	710 020 0% 99 81 67 56 47 41 35 31



312

623

935

1246

10°

By Elite Lighting



22-0AT3D-LED-4000L-5000L-6000L-DIM10-120-347V-35K-40K-50K-85(4000L) TEST NO .: EL10052029 CCT: 3500K SPACING CRITERIA: 1.42 INPUT WATTS: 30.9 LUMENS: 3831 CRI: N/A EFFICACY: 124 **Candle Power Distribution (Candelas) Zonal Lumens Summary** Luminance (Average candela/M²) Lumens Per Zone **Candela Tabulation** 00 %Fixt Zone Lumens %Lamp 0 Angle in Average Average Zone Lumens Average 0° 1234.645 Degrees 45° 90* 0.0 80 0-20 453.15 11.80 11.80 0-10 116.90 1232.700 5.0 3271 3269 3269 0-30 967.59 25.30 25.30 45 10-20 336.25 15.0 1192.190 705 55 3223 3217 3219 0-40 1596.68 41 70 41.70 25.0 1116.330 20-30 514.44 3134 0-60 2886.68 75.40 65 3117 3113 75.40 35.0 1005.990 30-40 629.10 3014 2990 2967 0-80 3686.49 96.20 96.20 75 45.0 860.200 687.700 40-50 668.76 85 2906 2871 2850 55.0 0-90 3793.1 99.00 99.00 50 50-60 621.24 65.0 492.620 60-70 492.13 409 75.0 290.170 70-80 307.68 94.200 30 85.0 **Coefficients of Utilization - Zonal Cavity Method** 200 12.930 80-90 106.61 90.0 Effective Floor Cavity Reflectance 0.20 70% 50% RC 80 10% 0% 30% RW 30% 30% 50% 10% 0% 70% 50% 10% 50% 10% 50% 10% 30% 10% 509 30% 101 119 116 116 111 96 106 99 119 103 116 116 106 106 101 119 108 98 89 81 74 69 64 59 55 52 94 105 92 92 80 70 62 56 50 46 42 86 81 98 82 69 60 52 46 41 37 33 30 100 87 76 67 60 54 49 45 41 38 96 80 68 59 51 45 40 36 33 30 92 78 66 57 50 44 40 36 32 30 89 73 61 51 44 39 34 30 27 25 89 75 64 56 49 43 39 35 32 29 88 77 67 60 54 49 44 41 37 35 86 73 62 54 48 42 38 34 31 29 84 69 58 50 43 33 30 27 24 89 78 69 61 55 50 45 42 38 76 63 53 45 39 35 31 95 86 79 72 67 62 57 75 62 52 45 39 34 31 27 25 83 73 65 58 52 47 71 59 51 44 38 34 30 27 24 67 56 47 41 36 31 28 25 23 ROOM CAVITY RATIO 43 40 37 28 54 50 39 9

DC . Wal

IT WATTS: 41.5 LUN	MENS: 4	<u>910</u>		CRI	: N/A		EFFICACY	/: 118		CCT: 35	DOK			S	PACINO	G CRIT	ERIA:
le Power Distribution (Candelas)	Zo	nal Lu	nens Su	mmary			Luminan	ce (Average	e candela	/M ²)	Lumer	s Per Zo	ne	Candela Tabulation			
90°		Zone	Lumen	s %L	amp	%Fixt	Angle in	Average 0°	Average	Average	Zon	Lu	mens			0	
80°		0-20	582.38	3 11	1.90	11.90	Degrees	Average	45°	90°	1000				0.0	1586	
TUNK		0-30	1243.3	2 283	5.30	25.30	45	4184	4194	4208	0-10		60.20		5.0	1582	
70°		0-40	2051.5		1.80	41.80	55	4121	4122	4143	10-2	0 43	2.18		5.0	1531	
							65	3994	3992	4015	20-3	0 66	51.02		25.0	1431	
		0-60	3700.1	0 O.S	5.40	75.40		10000000			30-4	0 80	8.19		85.0	1288	
		0-80	4725.1		5.20	96.20	75	3826	3817	3814	40-5	0 85	4.13		15.0	1100	
		0.00	4861.4	2 00	9.00	99.00	85	3600	3657	3723					5.0	879.	260
50°		0-90	4001.4	2 33	5.00	33.00		1 . T. T. T. T.	120102		50-6	79	4 42				
		0-90	4001.4	2 33	5.00	33.00		1.9772	10.000	100000	. 50-6	24 - 653	4.42	E	5.0	627.	
40°	3 .	19160945	4.0.00	76 (6070)	100.00			2.8555	10.000	100000	60-7	0 63	81.59	6	5.0 5.0	627. 368.	320
40° 30°	-	Coeffic	ients of	Utilizat	tion - Zo	onal Cavit	y Method	12070	10.000		60-7 70-8	0 63 0 39	31.59 3.44	67	5.0 5.0 5.0	627. 368. 116.	320 720
40°	-	Coeffic	ients of	Utilizat	tion - Zo			1.2472	12.000		60-7	0 63 0 39	81.59	67	5.0 5.0	627. 368.	320 720
30° 40°	_	Coeffic Effectiv	ients of /e Floor (Utilizat Cavity F 80%	tion - Z o Reflecta %	onal Cavit	y Method 70	%		50%	60-7 70-8 80-9	0 63 0 39 0 13 30%	81.59 93.44 96.26		5.0 5.0 5.0 90.0 10%	627. 368. 116. 14.0	320 720 070
30° 40°		Coeffic Effectiv	eients of ve Floor (70%	Utilizat Cavity F 80%	tion - Zo Reflecta % 30%	onal Cavit ince 0.20	y Method 70 0% 50%	% 30% 10%	% 50%	50% 30%	60-7 70-8 80-9	0 63 0 39 0 13 30% 30%	1.59 3.44 6.26 10%	50%	5.0 75.0 85.0 90.0 10% 30%	627. 368. 116. 14.0	320 720 070 0% 0%
30° 40°		Coeffic Effectiv	Fients of /e Floor (70% 119	Utilizat Cavity F 80% 50% 119	tion - Zo Reflecta 30% 119	onal Cavit ince 0.20	y Method 70 0% 50% 16 116	% 30% 109 116 116	% 50% 6 111	50% 30% 111	60-7 70-8 80-9 10% 50%	0 63 0 39 0 13 30% 30% 106	31.59 33.44 36.26 10% 106	50% 101	55.0 5.0 35.0 90.0 10% 30% 101	627. 368. 116. 14.0 10% 101	320 720 070 0% 0% 99
30° 40°		Coeffic Effectiv	eients of ve Floor (70%	Utilizat Cavity F 80% 50% 119 103	tion - Zo Reflecta 30% 119 98	0nal Cavit nce 0.20 10% 70 119 1 94 1	y Method 70 0% 50% 16 116 05 100	% 30% 109 116 116 96 92	% 50% 5 111 96	50% 30% 111	60-7 70-8 80-9 10% 50% 111 106 89 92	0 63 0 39 0 13 30% 30% 106	31.59 33.44 36.26 10% 106 86	50% 101 88	55.0 5.0 35.0 90.0 10% 30% 101	627. 368. 116. 14.0 10% 101 84	320 720 070 0% 0% 99 81
30° 40°		Coeffic Effectiv	70% 119 108 98	Utilizat Cavity F 80% 119 103 89	tion - Zo Reflecta % 30% 119 98 82	00000000000000000000000000000000000000	70 70 50% 16 116 05 100 35 87	% 30% 109 116 116 96 92 80 75	50% 5 111 96 83	50% 30% 111	60-7 70-8 80-9 10% 509 111 106 89 92 73 80	0 63 0 39 0 13 30% 30% 106	1.59 3.44 6.26 10% 106 86 71	50% 101 88 77	55.0 75.0 35.0 90.0 10% 30% 101 86 73	627. 368. 116. 14.0 10% 101 84 69	320 720 070 0% 99 81 67
30° 40°	10	Coeffic Effectiv	Fients of /e Floor (70% 119	Utilizat Cavity F 80% 50% 119 103	tion - Zo Reflecta % 30% 119 98 82 69 60	10% 70 119 1 94 1 76 6 63 8	y Method 70 0% 50% 16 116 05 100	% 30% 10 116 110 96 92 80 75 68 62	% 50% 5 111 96 83 73	50% 30% 111 92 78 66	60-7 70-8 80-9 10% 50% 1111 106 89 92 73 80 61 70	0 63 0 39 0 13 30% 30% 106 89 75 64	31.59 33.44 36.26 10% 106 86	50% 101 88	55.0 75.0 35.0 90.0 10% 30% 101 86 73 62	627. 368. 116. 14.0 10% 101 84 69 58	320 720 070 0% 0% 99 81 67 56
30° 40°	RATIO	Coeffic Effectiv	70% 70% 119 108 98 89 81 74	Utilizat Cavity F 80% 50% 119 103 89 78 69 61	tion - Zo Reflecta % 30% 119 98 82 69 60	10% 7 119 1 94 1 76 1 63 4 53 4	70 70 50% 16 116 05 100 35 87 36 76 79 67 79 67 72 60	% 10% 10% 116 111 96 92 80 75 68 62 59 52 51 45	50% 5 111 96 83 73 65 58	50% 30% 111 92 78 66 57 50	60-7 70-8 80-9 10% 509 1111 106 89 92 73 80 61 70 51 62 44 56	0 63 0 39 0 13 30% 30% 106 89 75 64 56 49	11.59 13.44 16.26 106 86 71 60 51 44	50% 50% 101 88 77 67 60 54	55.0 75.0 35.0 00.0 10% 30% 101 86 73 62 54 48	627. 368. 116. 14.0 101 84 69 58 50 43	320 720 070 0% 99 81 67 56 48 41
30° 40°	ITY RATIO	Coeffic Effectiv	70% 119 108 98 89 81 74 69	Utilizat Cavity F 80% 50% 119 103 89 78 69 61 55	tion - Zo Reflecta % 30% 119 98 82 69 60	10% 7 119 1 94 1 76 4 63 8 53 7 45 7 39 0	70 70 50% 16 116 05 100 16 87 36 76 79 67 72 60 37 54	% 30% 109 116 111 96 92 80 75 68 62 59 52 51 45 39	50% 5 111 96 83 73 65 58 52	50% 30% 111 92 78 66 57 50 44	60-7 70-8 80-9 10% 50% 1111 106 89 92 73 80 61 70 51 62 44 56 39 50	0 63 0 39 0 13 30% 30% 106 89 75 64 56 49	11.59 13.44 16.26 106 86 71 60 51 44 38	50% 50% 101 88 77 67 67 60 54 49	55.0 75.0 35.0 90.0 10% 30% 101 86 73 62 54 48 42	627. 368. 116. 14.0 10% 101 84 69 58 50 43 38	320 720 070 0% 99 81 67 56 48 41 36
30° 40°	AVITY RATIO	Coeffic Effectiv	70% 70% 119 108 98 89 81 74 69 64	Utilizat Cavity F 50% 119 103 89 78 69 61 55 50	tion - Zo Reflecta % 30% 119 98 82 69 60 52 46 41	10% 7/ 119 1 94 1 76 63 53 7 39 6 35 6	y Method 70 50% 50% 16 16 16 05 100 16 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17	% 30% 10 96 92 80 75 68 62 59 52 51 45 45 39 40 34	50% 5 111 96 83 73 65 58 58 52 47	50% 30% 111 92 78 66 57 50 44 40	60-7 70-8 80-9 0% 50% 1111 106 89 92 73 80 61 70 51 62 44 56 39 50 34 46	0 63 0 39 0 13 30% 30% 106 89 75 64 56 49	\$1.59 13.44 \$6.26 10% 106 86 71 60 51 44 38 34	50% 50% 101 88 77 67 60 54 49 44	55.0 75.0 35.0 30.0 10% 30% 101 86 73 62 54 48 42 38	627. 368. 116. 14.0 101 84 69 58 50 43 38 33	320 720 070 0% 99 81 67 56 48 41 36 31
30° 40°	ROOM CAVITY RATIO	Coeffic Effectiv	70% 119 108 98 89 81 74 69	Utilizat Cavity F 80% 50% 119 103 89 78 69 61 55	tion - Zo Reflecta % 30% 119 98 82 69 60	Image: Nonal Cavit 10% 7 119 1 94 1 76 1 63 4 53 4 39 6 35 6	70 70 50% 16 116 05 100 16 87 36 76 79 67 72 60 37 54	% 30% 109 116 111 96 92 80 75 68 62 59 52 51 45 39	50% 5 111 96 83 73 65 58 52 47 43	50% 30% 111 92 78 66 57 50 44	60-7 70-8 80-9 10% 50% 1111 106 89 92 73 80 61 70 51 62 44 56 39 50	0 63 0 39 0 13 30% 30% 106 89 75 64	11.59 13.44 16.26 106 86 71 60 51 44 38	50% 50% 101 88 77 67 67 60 54 49	55.0 75.0 35.0 90.0 10% 30% 101 86 73 62 54 48 42	627. 368. 116. 14.0 10% 101 84 69 58 50 43 38	320 720 070 0% 99 81 67 56 48 41 36

22-0AT3D-LED-4000L-5000L-6000L-DIM10-120-347V-35K-40K-50K-85(6000L) TEST NO .: EL10052034 INPUT WATTS: 50.1 LUMENS: 5694 CRI: N/A EFFICACY: 114 CCT: 3500K SPACING CRITERIA: 1.42

Candle Power Distribution (Candelas) Zonal Lumens Summary Luminance (Average candela/M²) Lumens Per Zone **Candela Tabulation** %Fixt Zone Lumens %Lamp 0 Angle in Average Average 90° Zone Lumens 463 Average 0° 45° 0.0 1841.245 Degrees 80 0-20 675.71 11.90 11.90 0-10 174.29 1836.170 5.0 0-30 14427 25 30 25.30 45 4860 4872 4880 15.0 1776.490 10-20 501.42 70 927 0-40 2380.54 41.80 41.80 55 4777 4796 4816 25.0 1662,800 20-30 766.99 0-60 4289.98 75.30 75.30 65 4638 4637 4657 35.0 1496.350 30-40 937.84 0-80 5479.56 96.20 96.20 75 4426 4388 4405 45.0 1278.260 1390 40-50 991.15 0-90 5637.82 99.00 99.00 85 4206 4201 4335 55.0 1019.080 50-60 918.29 65.0 729.050 40 60-70 733.04 75.0 426.080 1853 70-80 456.54 30° 85.0 136.350 **Coefficients of Utilization - Zonal Cavity Method** 20° 80-90 158.26 90.0 19.200 Effective Floor Cavity Reflectance 0.20 109

RC		80	3%			70	1%		11	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
3	89	78	69	63	86	76	68	62	73	66	61	70	64	59	67	62	58	56
4	81	69	60	53	79	67	59	52	65	57	51	62	56	51	60	54	50	48
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
8	59	45	37	31	58	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
10	52	38	30	25	50	38	30	25	37	30	25	36	29	25	35	29	24	23

