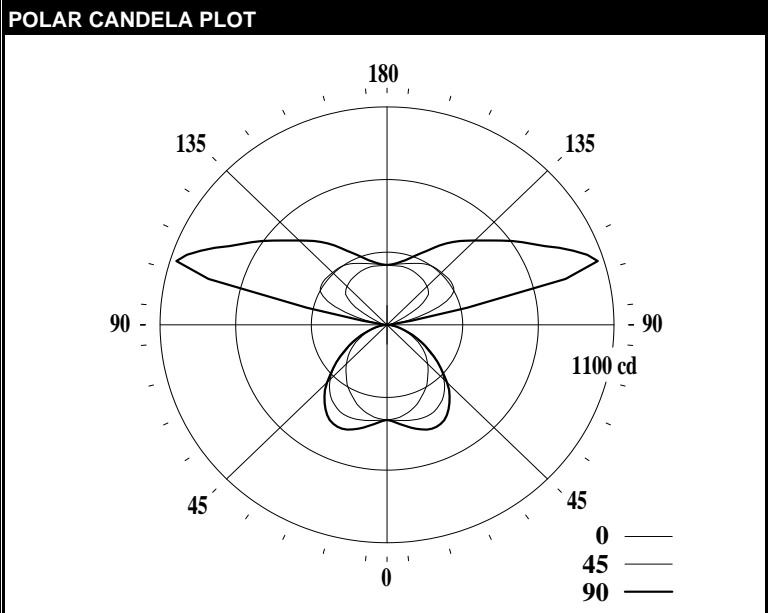


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x5LCDQQ
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM MESO LED STD/MID 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3399 lm 100.0%
<b>Input Watts:</b>	277 VAC 27.7	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	57% Up / 43% Dn 122.7
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-21 T20190608 MLNG103

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	480	480	480	480	480	
5	475	478	484	488	495	46
15	447	463	497	527	543	140
25	398	433	499	552	568	226
35	341	384	465	518	520	281
45	279	320	390	420	411	284
55	211	241	282	291	275	236
65	134	151	164	171	158	157
75	63	71	72	75	68	76
85	14	16	13	16	12	18
90	0	0	0	0	0	
95	10	10	13	15	17	19
105	32	38	156	521	896	275
115	94	116	342	704	921	414
125	231	255	379	617	738	387
135	274	293	374	533	602	318
145	289	307	366	465	502	241
155	299	310	342	389	401	162
165	304	307	320	334	337	91
175	300	303	305	308	307	29
180	302	302	302	302	302	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	479.9	0.0	
Direct: Peak Candela & Angle (90deg)	567.8	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	1070.7	107.5	
Indirect: Zenith Candela, Peak to Zenith	302.1	3.54	
Luminous Length, Width, Height (ft)	0.25	4.00	0.00
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	1.000	
DLC (120/277), DLC (347)	N/A	N/A	
x, y, CCT, Duv	0.4309	0.4003	3073 -0.0007
CRI (Ra), R9	83	10	
120V: P(W), I(A), THD(%), PF	27.3	0.230	11.5 0.991
277V: P(W), I(A), THD(%), PF	27.7	0.106	16.1 0.940
347V: P(W), I(A), THD(%), PF	28.2	0.086	12.5 0.949

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	105	105	105	105	96	96	96	79	79	79	43	
	1	96	92	88	85	88	84	81	70	68	66	37	
	2	88	81	75	70	80	74	69	61	58	54	31	
	3	80	71	64	58	73	65	59	54	50	46	26	
	4	73	63	55	49	67	58	51	48	43	39	22	
	5	67	56	48	42	61	51	44	43	38	33	19	
	6	62	50	42	36	56	46	39	39	33	29	17	
	7	57	45	37	32	52	41	34	35	29	26	15	
	8	53	41	33	28	48	38	31	32	26	23	13	
	9	49	37	30	25	45	34	28	29	24	20	12	
	10	46	34	27	22	42	31	25	27	22	18	11	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	413	12.2%	12.2%
0-40	694	20.4%	20.4%
0-60	1213	35.7%	35.7%
0-90	1463	43.0%	43.0%
90-130	1096	32.2%	32.2%
90-150	1654	48.7%	48.7%
90-180	1936	57.0%	57.0%
0-180	3399	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	5164	5164	5164
5	5127	5227	5348
15	4977	5532	6047
25	4725	5918	6740
35	4482	6111	6829
45	4241	5935	6250
55	3958	5285	5159
65	3401	4170	4020
75	2623	2973	2844
85	1716	1642	1506

LUMINAIRE SECTION	



**LEDALITE**

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