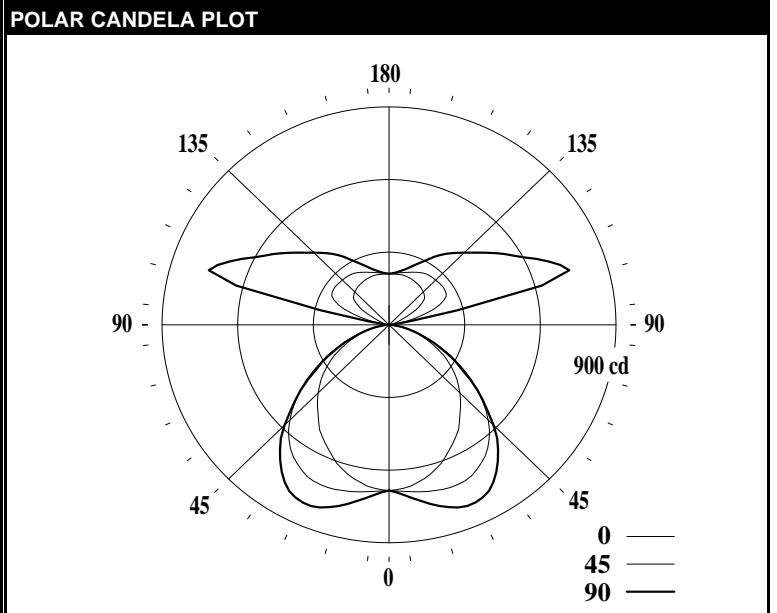


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x6LCDQQ
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPENDED DIRECT MESO/INDIRECT SYM LED MID/STD 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3443 lm 100.0%
<b>Input Watts:</b>	277 VAC 29.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	39% Up / 61% Dn 116.7
<b>CIE-IES Classification:</b>	Semi-Direct	<b>Report (Ele, Col, Photo):</b>	TGSEI-13 T20190608 MLNG071

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	685	685	685	685	685	
5	677	682	690	697	706	66
15	637	661	708	752	774	200
25	568	617	711	787	810	323
35	487	547	664	739	742	400
45	398	457	556	599	586	404
55	301	343	402	415	392	336
65	191	216	234	243	225	224
75	90	101	102	106	98	108
85	20	22	19	23	17	25
90	0	0	0	0	0	
95	7	7	9	10	12	14
105	22	27	109	365	628	193
115	66	81	240	493	645	290
125	162	179	265	432	517	271
135	192	205	262	374	422	222
145	202	215	256	326	352	169
155	209	217	240	272	281	113
165	213	215	224	234	236	64
175	210	212	214	216	215	21
180	212	212	212	212	212	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	684.5	0.0	
Direct: Peak Candela & Angle (90deg)	810.0	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	749.7	107.5	
Indirect: Zenith Candela, Peak to Zenith	211.5	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	29.1	0.244	10.0 0.992
277V: P(W), I(A), THD(%), PF	29.5	0.113	14.6 0.946
347V: P(W), I(A), THD(%), PF	30.3	0.092	11.0 0.954

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	110	110	110	110	103	103	103	89	89	89	61	
	1	100	96	92	89	94	90	87	79	76	74	52	
	2	92	84	78	73	85	79	73	69	65	61	43	
	3	84	74	67	61	78	69	63	61	56	52	37	
	4	76	66	57	51	71	62	54	54	49	44	32	
	5	70	58	50	44	65	55	48	48	43	38	27	
	6	65	52	44	38	60	49	42	44	38	33	24	
	7	60	47	39	33	56	45	37	40	34	29	21	
	8	55	43	35	30	52	41	33	36	30	26	19	
	9	52	39	32	26	48	37	30	33	27	23	17	
	10	48	36	29	24	45	34	27	30	25	21	15	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	589	17.1%	17.1%
0-40	989	28.7%	28.7%
0-60	1730	50.3%	50.3%
0-90	2087	60.6%	60.6%
90-130	767	22.3%	22.3%
90-150	1158	33.6%	33.6%
90-180	1356	39.4%	39.4%
0-180	3443	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	7365	7365	7365
5	7313	7456	7629
15	7099	7891	8626
25	6740	8442	9614
35	6392	8717	9741
45	6050	8467	8914
55	5647	7538	7359
65	4853	5950	5734
75	3742	4240	4053
85	2444	2346	2148

LUMINAIRE SECTION	



**LEDALITE**

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