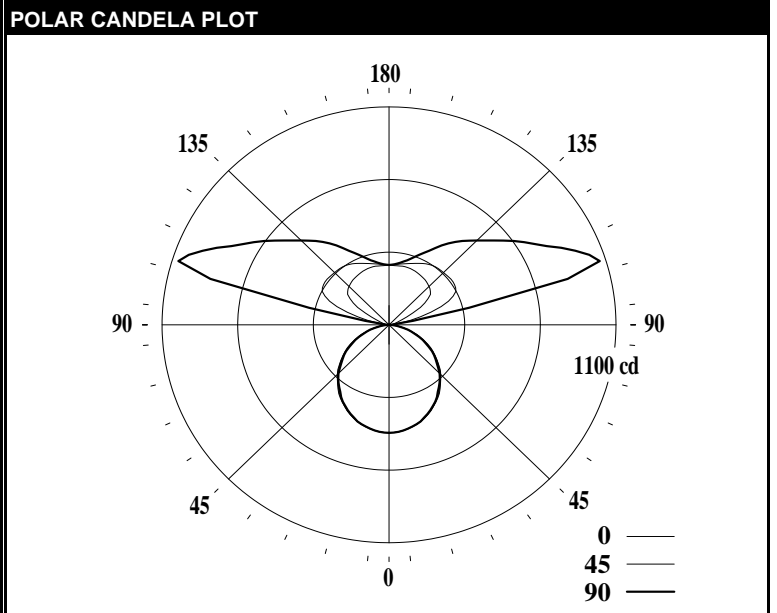


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x5LCDLQ
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM SILK LED STD/MID 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3446 lm 100.0%
<b>Input Watts:</b>	277 VAC 27.7	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	56% Up / 44% Dn 124.4
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-21 T20190608 MLNG119

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	545	545	545	545	545	
5	541	543	542	543	542	52
15	520	522	519	520	519	147
25	479	482	477	477	475	221
35	424	426	420	421	413	263
45	354	358	350	351	347	272
55	274	278	270	273	267	244
65	188	189	181	186	181	184
75	94	105	93	98	95	103
85	20	24	19	23	21	26
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	



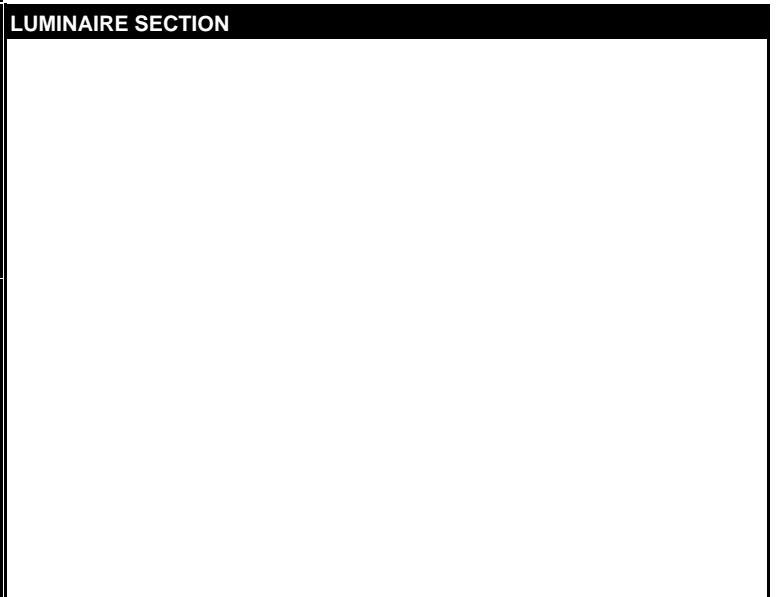
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	544.9	0.0	
Direct: Peak Candela & Angle (90deg)	544.9	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	1070.7	107.5	
Indirect: Zenith Candela, Peak 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	106	106	106	106	97	97	97	80	80	80	44	
	1	96	92	88	85	88	84	81	70	68	65	37	
	2	88	80	74	69	80	74	68	61	57	54	31	
	3	80	70	63	57	73	65	58	54	49	45	26	
	4	73	62	54	48	66	57	50	48	42	38	22	
	5	67	55	47	41	61	51	44	43	37	33	19	
	6	62	49	41	36	56	46	38	38	33	29	17	
	7	57	45	37	31	52	41	34	35	29	25	15	
	8	53	40	33	27	48	37	30	32	26	22	13	
	9	49	37	29	24	45	34	27	29	24	20	12	
	10	46	34	27	22	42	31	25	27	21	18	11	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	419	12.2%	12.2%
0-40	682	19.8%	19.8%
0-60	1197	34.7%	34.7%
0-90	1510	43.8%	43.8%
90-130	1096	31.8%	31.8%
90-150	1654	48.0%	48.0%
90-180	1936	56.2%	56.2%
0-180	3446	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	5863	5863	5863
5	5843	5853	5854
15	5795	5785	5777
25	5688	5664	5636
35	5573	5518	5420
45	5390	5330	5283
55	5142	5065	4999
65	4774	4616	4601
75	3925	3866	3954
85	2432	2358	2556



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