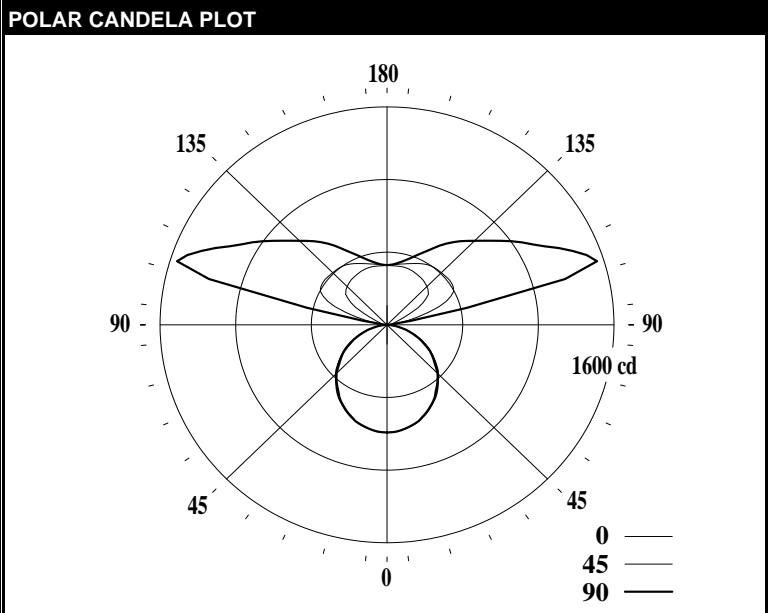


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x5LBBLQ
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM SILK LED STD/HI 835
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4997 lm 100.0%
<b>Input Watts:</b>	120 VAC 38.2	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	56% Up / 44% Dn 130.8
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-23 T20190610 MLNG126

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	790	790	790	790	790	
5	785	787	786	787	786	75
15	754	758	753	755	752	213
25	695	699	692	692	688	320
35	615	618	609	611	598	382
45	514	519	508	509	504	394
55	398	403	392	397	387	353
65	272	275	263	270	262	266
75	137	152	135	142	138	149
85	29	35	28	33	30	38
90	0	0	0	0	0	
95	14	14	19	21	25	28
105	46	56	226	756	1300	399
115	137	168	497	1022	1335	600
125	335	370	549	895	1070	562
135	398	425	542	774	873	461
145	419	445	531	674	728	349
155	434	450	496	564	582	235
165	440	446	463	484	489	132
175	436	439	443	446	445	43
180	438	438	438	438	438	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	790.3	0.0	
Direct: Peak Candela & Angle (90deg)	790.3	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	1552.7	107.5	
Indirect: Zenith Candela, Peak to Zenith	438.1	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	0.4061	0.3914	3487 0.0001
CRI (Ra), R9	82		12
120V: P(W), I(A), THD(%), PF	38.2	0.320	8.1 0.995
277V: P(W), I(A), THD(%), PF	38.2	0.143	12.5 0.964
347V: P(W), I(A), THD(%), PF	39.1	0.116	10.6 0.969

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	607	12.2%	12.2%
0-40	989	19.8%	19.8%
0-60	1736	34.7%	34.7%
0-90	2189	43.8%	43.8%
90-130	1589	31.8%	31.8%
90-150	2398	48.0%	48.0%
90-180	2808	56.2%	56.2%
0-180	4997	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	8504	8504	8504
5	8475	8489	8490
15	8404	8390	8378
25	8249	8214	8173
35	8082	8003	7860
45	7817	7730	7662
55	7459	7346	7251
65	6925	6694	6673
75	5691	5608	5733
85	3531	3420	3716

LUMINAIRE SECTION	



**LEDALITE**

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