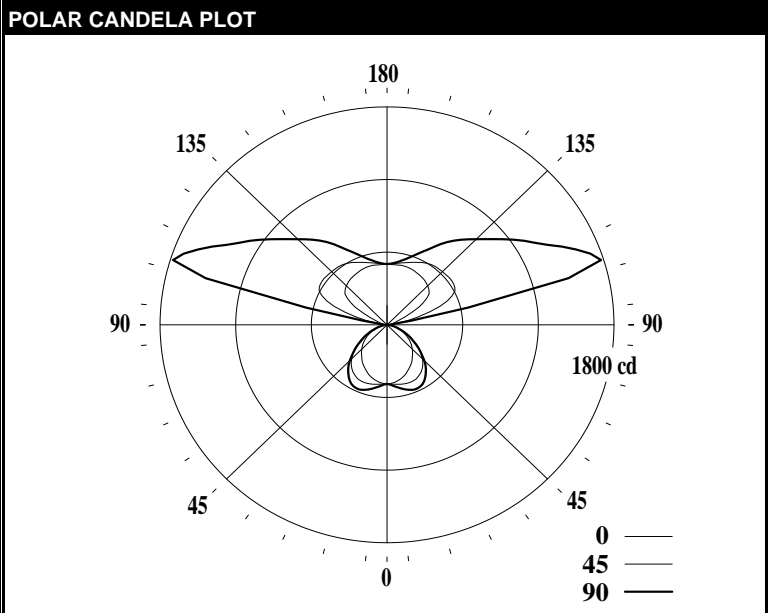


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x5LBCQQ
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM MESO LED MID/HI 835
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4706 lm 100.0%
<b>Input Watts:</b>	277 VAC 36.3	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	68% Up / 32% Dn 129.6
<b>CIE-IES Classification:</b>	Semi-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-22 T20190610 MLNG107

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	488	488	488	488	488	
5	483	486	492	496	503	47
15	454	471	505	536	552	143
25	405	440	507	561	577	230
35	347	390	473	526	529	285
45	283	326	397	427	418	288
55	215	245	286	296	280	240
65	136	154	167	173	161	160
75	64	72	73	76	70	77
85	14	16	14	17	12	18
90	0	0	0	0	0	
95	16	16	22	24	28	32
105	53	64	259	867	1490	457
115	157	192	569	1171	1530	688
125	384	425	629	1026	1227	644
135	456	487	621	887	1001	528
145	480	511	609	773	835	400
155	497	516	569	646	667	269
165	505	511	531	555	561	152
175	499	504	508	512	510	49
180	502	502	502	502		



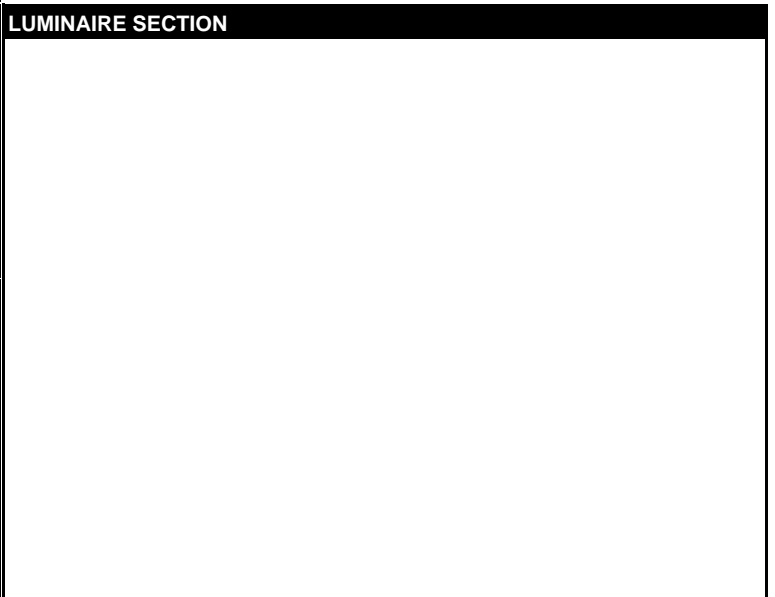
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	487.9	0.0	
Direct: Peak Candela & Angle (90deg)	577.3	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	1779.9	107.5	
Indirect: Zenith Candela, Peak to Zenith	502.2	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	35.9	0.302	10.4 0.992
277V: P(W), I(A), THD(%), PF	36.3	0.140	13.7 0.939
347V: P(W), I(A), THD(%), PF	36.0	0.109	10.3 0.952

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	103	103	103	103	92	92	92	73	73	73	32	
	1	94	90	86	83	84	81	78	64	62	60	27	
	2	85	78	72	67	77	71	66	56	53	50	23	
	3	78	69	62	56	70	62	56	50	45	42	19	
	4	71	61	53	47	64	55	48	44	39	36	16	
	5	65	54	46	40	58	49	42	39	34	31	14	
	6	60	48	40	35	54	44	37	35	30	26	12	
	7	55	43	36	30	50	39	33	32	27	23	11	
	8	51	39	32	27	46	36	29	29	24	20	10	
	9	48	36	28	24	43	32	26	26	22	18	9	
	10	44	33	26	21	40	30	23	24	19	16	8	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	420	8.9%	8.9%
0-40	705	15.0%	15.0%
0-60	1233	26.2%	26.2%
0-90	1488	31.6%	31.6%
90-130	1821	38.7%	38.7%
90-150	2749	58.4%	58.4%
90-180	3219	68.4%	68.4%
0-180	4706	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	5250	5250	5250
5	5213	5314	5437
15	5060	5624	6148
25	4804	6017	6853
35	4555	6212	6942
45	4312	6034	6353
55	4024	5373	5245
65	3460	4239	4086
75	2665	3022	2889
85	1741	1679	1531



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