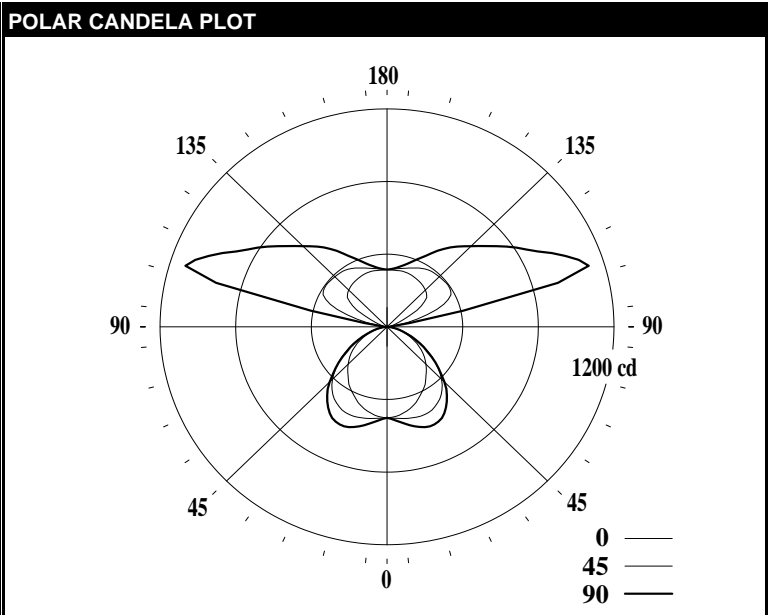


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x5LADQQ
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM MESO LED STD/MID 840
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3550 lm 100.0%
<b>Input Watts:</b>	277 VAC 27.7	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	57% Up / 43% Dn 128.2
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-21 T20190611 MLNG105

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	501	501	501	501	501	
5	496	499	505	510	517	49
15	467	484	519	550	567	147
25	416	452	521	576	593	236
35	356	401	486	541	543	293
45	291	335	407	438	429	296
55	220	251	294	304	287	246
65	140	158	171	178	165	164
75	66	74	75	78	71	79
85	15	16	14	17	13	18
90	0	0	0	0	0	
95	10	10	14	15	18	20
105	33	40	163	544	936	287
115	98	121	358	736	961	432
125	241	267	395	645	771	404
135	286	306	390	557	629	332
145	302	321	382	485	524	251
155	312	324	357	406	419	169
165	317	321	334	349	352	95
175	314	316	319	321	321	31
180	315	315	315	315	315	



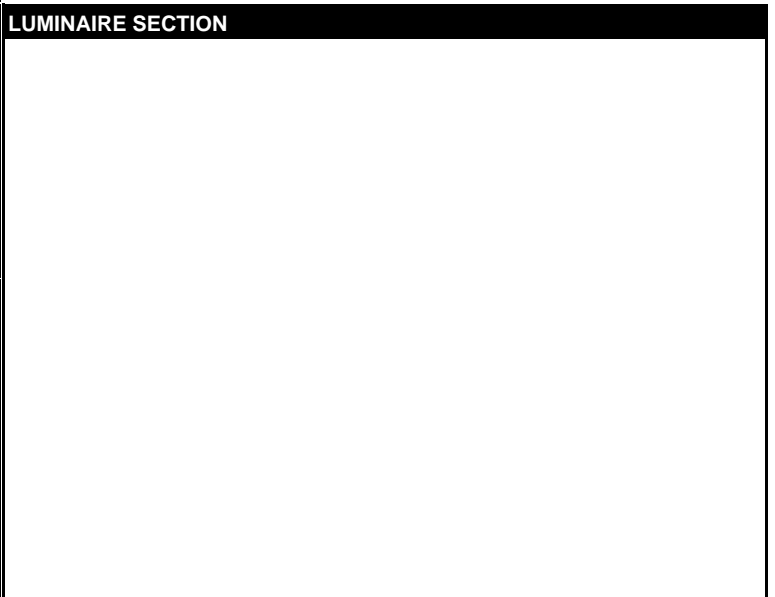
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	501.2	0.0	
Direct: Peak Candela & Angle (90deg)	593.0	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	1118.0	107.5	
Indirect: Zenith Candela, Peak to Zenith	315.4	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	0.3772	0.3752	4078 0.0002
CRI (Ra), R9	81		6
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	432	12.2%	12.2%
0-40	724	20.4%	20.4%
0-60	1267	35.7%	35.7%
0-90	1528	43.1%	43.1%
90-130	1144	32.2%	32.2%
90-150	1727	48.6%	48.6%
90-180	2022	57.0%	57.0%
0-180	3550	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	5393	5393	5393
5	5355	5459	5585
15	5198	5778	6316
25	4935	6181	7039
35	4680	6381	7133
45	4430	6199	6527
55	4135	5519	5388
65	3554	4356	4198
75	2740	3106	2968
85	1790	1716	1568



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