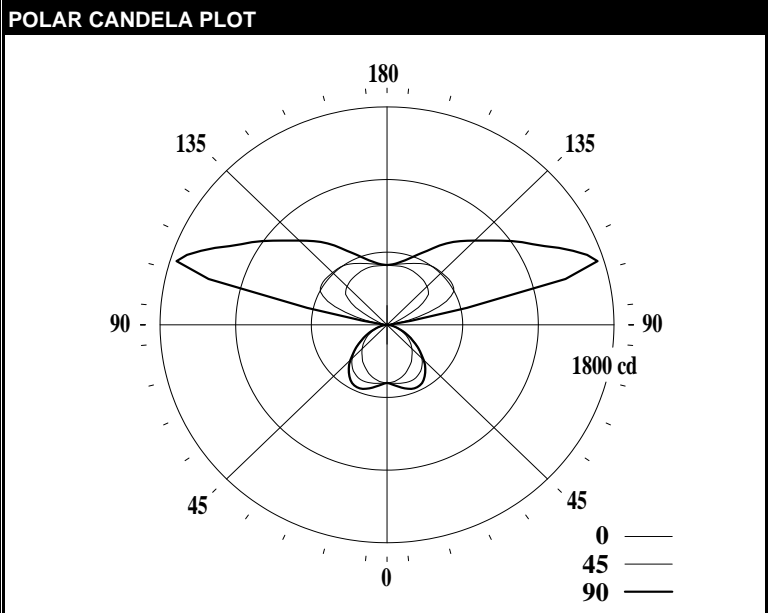


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x5LCCQQ
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM MESO LED MID/HI 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4628 lm 100.0%
<b>Input Watts:</b>	277 VAC 36.3	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	68% Up / 32% Dn 127.5
<b>CIE-IES Classification:</b>	Semi-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-22 T20190608 MLNG106

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	480	480	480	480	480	
5	475	478	484	488	495	46
15	447	463	497	527	543	140
25	398	433	499	552	568	226
35	341	384	465	518	520	281
45	279	320	390	420	411	284
55	211	241	282	291	275	236
65	134	151	164	171	158	157
75	63	71	72	75	68	76
85	14	16	13	16	12	18
90	0	0	0	0	0	
95	16	16	22	24	28	31
105	52	63	255	852	1466	450
115	154	189	560	1152	1505	677
125	378	418	619	1009	1206	633
135	448	479	611	872	984	519
145	472	502	598	760	821	394
155	489	508	560	636	656	264
165	496	502	522	546	552	149
175	491	495	499	503	502	48
180	494	494	494	494	494	



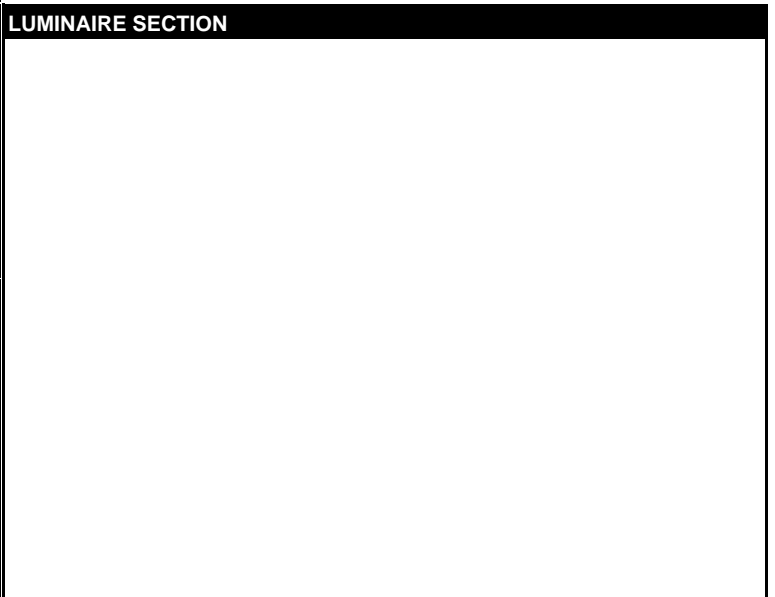
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	479.9	0.0	
Direct: Peak Candela & Angle (90deg)	567.8	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	1750.3	107.5	
Indirect: Zenith Candela, Peak to Zenith	493.9	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	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	413	8.9%	8.9%
0-40	694	15.0%	15.0%
0-60	1213	26.2%	26.2%
0-90	1463	31.6%	31.6%
90-130	1791	38.7%	38.7%
90-150	2704	58.4%	58.4%
90-180	3165	68.4%	68.4%
0-180	4628	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	5164	5164	5164
5	5127	5227	5348
15	4977	5532	6047
25	4725	5918	6740
35	4482	6111	6829
45	4241	5935	6250
55	3958	5285	5159
65	3401	4170	4020
75	2623	2973	2844
85	1716	1642	1506



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