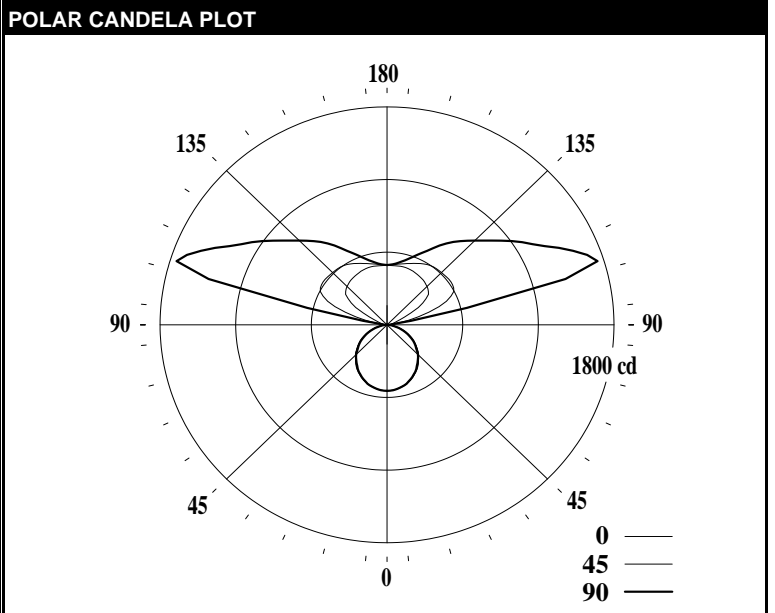


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x5LCCLQ
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM SILK LED MID/HI 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4675 lm 100.0%
<b>Input Watts:</b>	277 VAC 36.3	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	68% Up / 32% Dn 128.8
<b>CIE-IES Classification:</b>	Semi-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-22 T20190608 MLNG122

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	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	



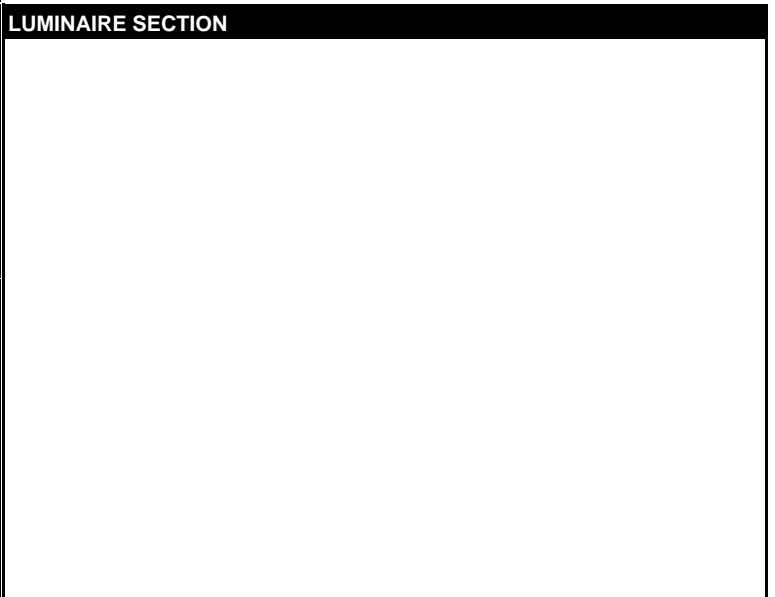
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	544.9	0.0	
Direct: Peak Candela & Angle (90deg)	544.9	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	1750.3	107.5	
Indirect: Zenith Candela, Peak 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	93	93	93	73	73	73	32	
	1	94	90	86	82	84	81	78	64	62	60	27	
	2	85	78	72	67	77	70	65	56	53	50	23	
	3	78	68	61	56	70	62	56	49	45	42	19	
	4	71	60	53	47	64	55	48	44	39	35	16	
	5	65	54	46	40	58	49	42	39	34	30	14	
	6	60	48	40	34	54	44	37	35	30	26	12	
	7	55	43	35	30	49	39	32	32	27	23	11	
	8	51	39	32	26	46	36	29	29	24	20	10	
	9	47	36	28	23	43	32	26	26	21	18	9	
	10	44	32	25	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	419	9.0%	9.0%
0-40	682	14.6%	14.6%
0-60	1197	25.6%	25.6%
0-90	1510	32.3%	32.3%
90-130	1791	38.3%	38.3%
90-150	2704	57.8%	57.8%
90-180	3165	67.7%	67.7%
0-180	4675	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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