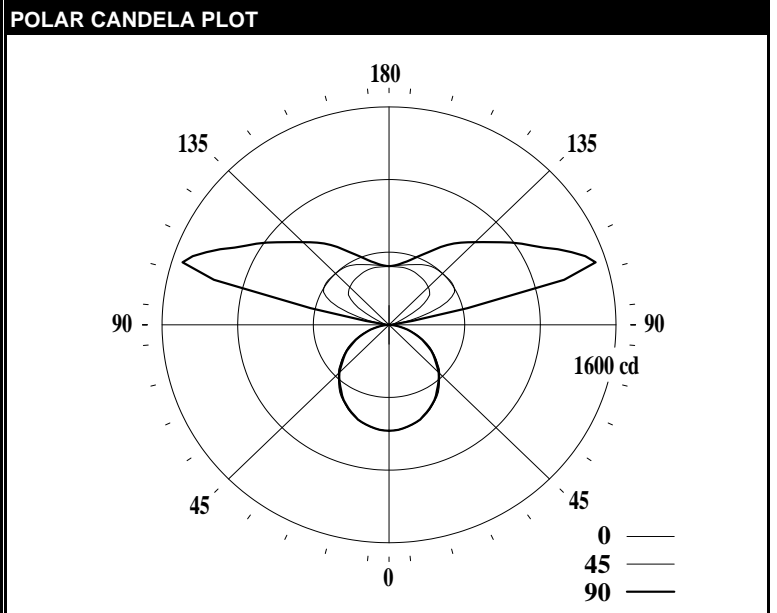


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x5LCBLQ
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM SILK LED STD/HI 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4915 lm 100.0%
<b>Input Watts:</b>	120 VAC 38.2	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	56% Up / 44% Dn 128.7
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-23 T20190608 MLNG125

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	777	777	777	777	777	
5	772	774	773	774	773	73
15	742	745	741	742	740	209
25	683	687	681	681	677	315
35	605	607	599	601	589	376
45	505	510	500	501	495	387
55	391	396	385	390	380	348
65	268	270	259	265	258	262
75	135	149	133	139	136	147
85	28	34	27	33	30	37
90	0	0	0	0	0	
95	14	14	19	21	24	27
105	46	55	223	743	1278	392
115	135	165	488	1005	1313	590
125	330	364	540	880	1052	552
135	391	418	533	761	858	453
145	412	438	522	663	716	343
155	426	443	488	554	572	231
165	433	438	456	476	481	130
175	428	432	435	439	438	42
180	431	431	431	431	431	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	777.4	0.0	
Direct: Peak Candela & Angle (90deg)	777.4	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	1526.9	107.5	
Indirect: Zenith Candela, Peak to Zenith	430.8	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	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	597	12.2%	12.2%
0-40	973	19.8%	19.8%
0-60	1708	34.8%	34.8%
0-90	2153	43.8%	43.8%
90-130	1562	31.8%	31.8%
90-150	2359	48.0%	48.0%
90-180	2761	56.2%	56.2%
0-180	4915	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	8365	8365	8365
5	8335	8349	8350
15	8266	8252	8241
25	8114	8079	8039
35	7950	7872	7730
45	7688	7604	7535
55	7335	7224	7130
65	6811	6584	6564
75	5600	5517	5637
85	3469	3358	3654

LUMINAIRE SECTION	



**LEDALITE**

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