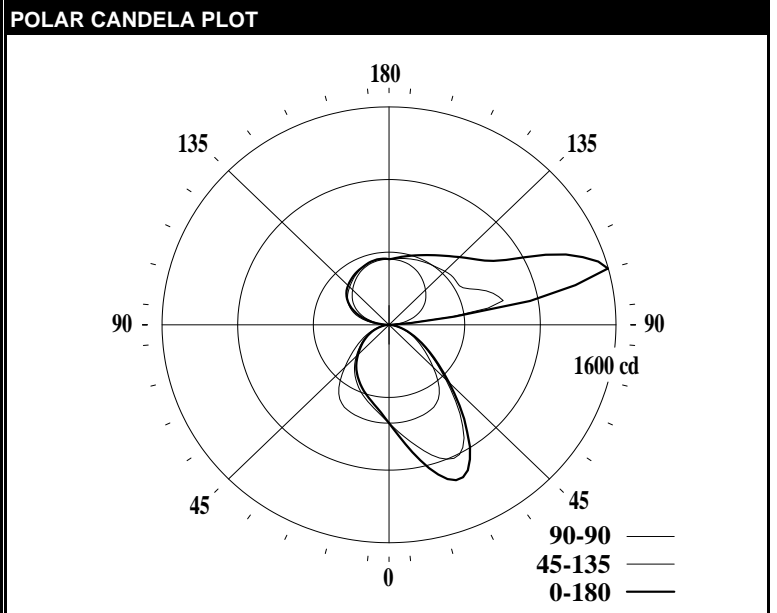


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x5LBBWW
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPEND/WALL INDIRECT/DIRECT ASY LED STD/HI 835
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4566 lm 100.0%
<b>Input Watts:</b>	120 VAC 38.2	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	58% Up / 42% Dn 119.5
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-23 T20190610 MLNG158

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	722	722	722	722	722	
5	822	791	722	664	647	70
15	1089	958	713	582	554	218
25	1235	1082	691	507	479	358
35	960	905	617	423	401	407
45	597	566	439	326	310	346
55	351	335	285	237	226	257
65	194	190	175	154	148	172
75	88	85	81	78	76	87
85	16	15	16	18	19	21
90	0	0	0	0	0	
95	154	135	47	70	49	147
105	1597	800	156	218	185	518
115	1218	626	248	304	291	483
125	823	571	314	358	366	413
135	704	557	363	392	409	362
145	621	534	409	427	438	299
155	565	519	446	460	460	224
165	523	502	470	481	482	139
175	492	486	481	486	488	47
180	482	482	482	482	482	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	1234.5	22.5	
Direct: Peak Candela & Angle (180deg)	721.6	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.66	1.34	0.92
Indirect: Peak Candela & Angle	1597.4	105.0	
Indirect: Zenith Candela, Peak to Zenith	481.8	3.32	
Luminous Length, Width, Height (ft)	4.00	0.25	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	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	105	105	105	105	96	96	96	79	79	79	42		
1	97	92	89	85	88	85	81	70	68	66	37		
2	88	81	75	70	80	74	69	62	58	55	31		
3	81	72	65	59	73	66	60	55	50	47	27		
4	74	64	56	50	67	58	52	49	44	40	23		
5	68	57	49	43	62	52	45	44	39	35	21		
6	63	51	43	38	57	47	40	40	34	30	18		
7	58	46	38	33	53	43	36	36	31	27	16		
8	54	42	34	29	49	39	32	33	28	24	15		
9	50	38	31	26	46	35	29	30	25	21	13		
10	47	35	28	23	43	32	26	28	23	19	12		

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	646	14.2%	14.2%
0-40	1053	23.1%	23.1%
0-60	1656	36.3%	36.3%
0-90	1936	42.4%	42.4%
90-130	1561	34.2%	34.2%
90-150	2222	48.7%	48.7%
90-180	2630	57.6%	57.6%
0-180	4566	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	7764	7764	7764
5	8873	7794	6985
15	12131	7940	6172
25	14656	8200	5688
35	12606	8109	5270
45	9080	6686	4719
55	6588	5348	4245
65	4939	4453	3778
75	3667	3359	3176
85	2000	2000	2358

LUMINAIRE SECTION	



**LEDALITE**

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