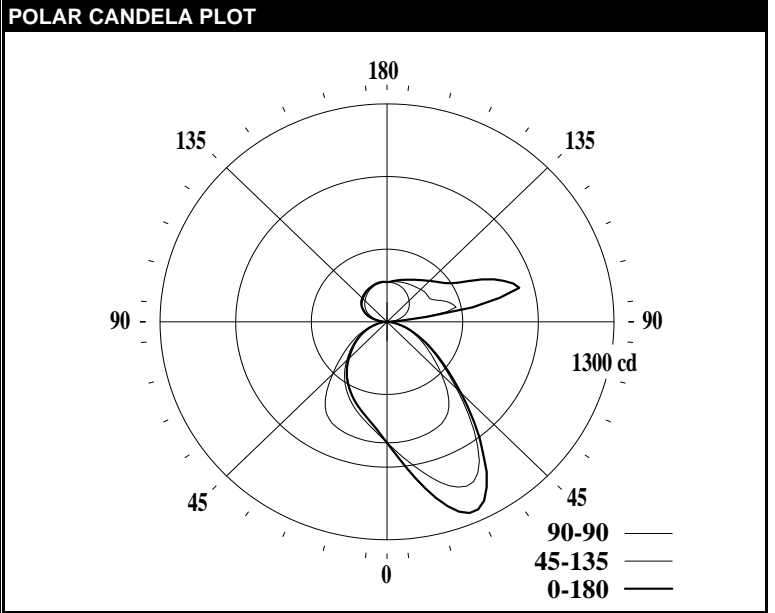


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x6LBDWW
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPEND/WALL DIRECT/INDIRECT ASY LED HI/MID 835
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3227 lm 100.0%
<b>Input Watts:</b>	277 VAC 29.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	40% Up / 60% Dn 109.4
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-13 T20190610 MLNG136

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	76	66	23	34	24	72
105	784	393	77	107	91	254
115	598	307	122	149	143	237
125	404	281	154	176	180	203
135	345	273	178	193	201	178
145	305	262	201	210	215	147
155	277	255	219	226	226	110
165	257	247	231	236	237	68
175	241	239	236	239	240	23
180	237	237	237	237	237	



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	784.3	105.0	
Indirect: Zenith Candela, Peak to Zenith	236.6	3.31	
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	29.1	0.244	10.0 0.992
277V: P(W), I(A), THD(%), PF	29.5	0.113	14.6 0.946
347V: P(W), I(A), THD(%), PF	30.3	0.092	11.0 0.954

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR													
0	110	110	110	110	102	102	102	89	89	89	60		
1	101	96	93	89	94	90	87	79	77	74	52		
2	92	85	79	74	86	80	74	70	66	62	44		
3	84	75	68	62	79	71	64	62	57	53	38		
4	77	67	59	53	72	63	56	56	50	46	33		
5	71	60	52	46	67	56	49	50	44	40	29		
6	66	54	46	40	61	51	44	45	39	35	26		
7	61	49	41	35	57	46	39	41	35	31	23		
8	57	44	37	32	53	42	35	38	32	28	21		
9	53	41	33	28	50	39	32	35	29	25	19		
10	49	37	30	25	46	36	29	32	26	23	17		

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	646	20.0%	20.0%
0-40	1053	32.6%	32.6%
0-60	1656	51.3%	51.3%
0-90	1936	60.0%	60.0%
90-130	766	23.7%	23.7%
90-150	1091	33.8%	33.8%
90-180	1292	40.0%	40.0%
0-180	3227	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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