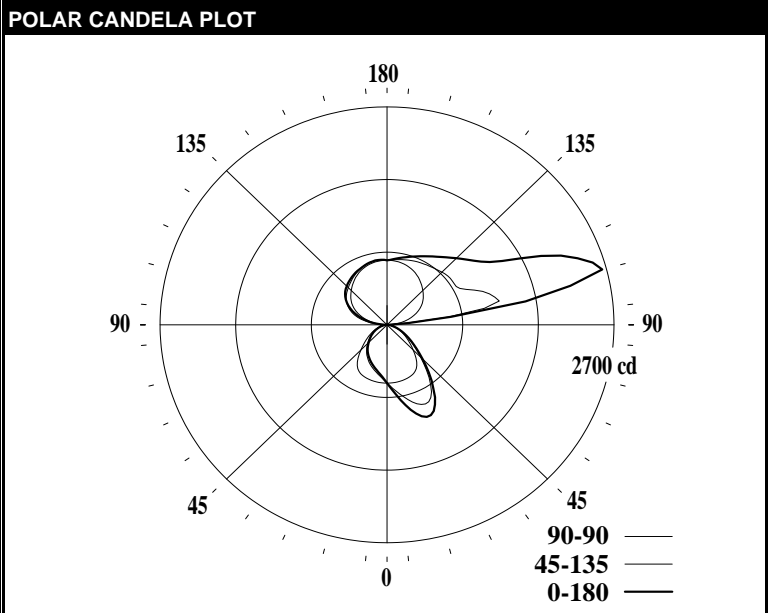


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x5LBAWW
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPEND/WALL INDIRECT/DIRECT ASY LED HI/XHI 835
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	6300 lm 100.0%
<b>Input Watts:</b>	120 VAC 52.1	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	69% Up / 31% Dn 120.9
<b>CIE-IES Classification:</b>	Semi-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-24 T20190610 MLNG161

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	255	224	79	116	82	243
105	2651	1328	260	362	307	859
115	2022	1038	411	504	484	802
125	1366	948	521	593	607	686
135	1167	924	602	651	678	601
145	1031	886	678	709	727	495
155	937	860	740	762	764	372
165	868	834	780	798	800	230
175	816	807	798	807	810	77
180	800	800	800	800	800	



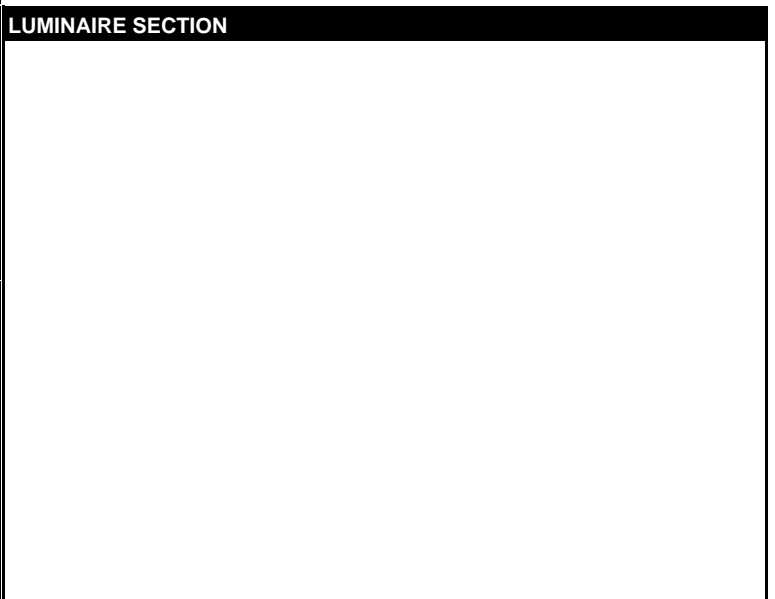
CHARACTERISTICS			
RP1 Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)	1234.5	22.5	
Direct: Peak Candela & Angle (180deg)	721.6	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.66	1.34	0.92
Indirect: Peak Candela & Angle	2650.6	105.0	
Indirect: Zenith Candela, Peak to Zenith	799.5	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	52.1	0.436	7.9 0.995
277V: P(W), I(A), THD(%), PF	52.1	0.195	12.6 0.964
347V: P(W), I(A), THD(%), PF	51.4	0.152	8.3 0.974

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	31		
1	94	90	86	83	84	81	78	64	62	60	27		
2	86	79	73	68	77	71	66	56	53	50	23		
3	78	69	62	57	70	63	57	50	46	42	20		
4	72	61	54	48	64	56	49	44	40	36	17		
5	66	55	47	41	59	50	43	40	35	31	15		
6	60	49	41	36	54	44	38	36	31	27	13		
7	56	44	37	31	50	40	34	32	28	24	12		
8	52	40	33	28	46	36	30	30	25	21	11		
9	48	36	29	24	43	33	27	27	22	19	10		
10	45	33	26	22	40	30	24	25	20	17	9		

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	646	10.3%	10.3%
0-40	1053	16.7%	16.7%
0-60	1656	26.3%	26.3%
0-90	1936	30.7%	30.7%
90-130	2590	41.1%	41.1%
90-150	3686	58.5%	58.5%
90-180	4365	69.3%	69.3%
0-180	6300	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



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