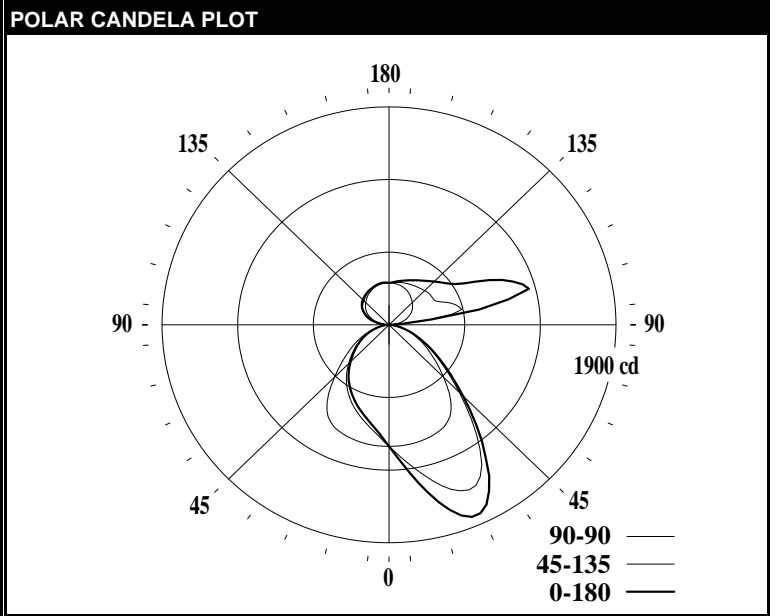


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x6LABWW
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPEND/WALL DIRECT/INDIRECT ASY LED MID/STD 840
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	4837 lm 100.0%
<b>Input Watts:</b>	277 VAC 43.2	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	41% Up / 59% Dn 112.0
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-15 T20190611 MLNG143

CANDELA DISTRIBUTION						
	Flux					
	0	45	90	135	180	Lumens
0	1059	1059	1059	1059	1059	
5	1206	1161	1059	975	949	103
15	1599	1407	1046	854	813	320
25	1812	1588	1014	744	703	526
35	1409	1329	906	621	589	598
45	876	831	645	479	455	507
55	516	492	419	347	332	378
65	285	278	257	227	218	252
75	129	125	119	114	112	128
85	24	22	24	26	28	30
90	0	0	0	0	0	
95	117	102	36	53	37	111
105	1212	607	119	166	140	393
115	925	475	188	231	221	367
125	625	434	238	271	277	314
135	534	423	275	298	310	275
145	471	405	310	324	332	227
155	429	393	339	349	349	170
165	397	381	357	365	366	105
175	373	369	365	369	370	35
180	366	366	366	366	366	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	1812.2	22.5	
Direct: Peak Candela & Angle (180deg)	1059.3	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.66	1.34	0.92
Indirect: Peak Candela & Angle	1212.2	105.0	
Indirect: Zenith Candela, Peak to Zenith	365.6	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	0.3772	0.3752	4078 0.0002
CRI (Ra), R9		81	6
120V: P(W), I(A), THD(%), PF	43.0	0.361	9.0 0.994
277V: P(W), I(A), THD(%), PF	43.2	0.163	11.0 0.958
347V: P(W), I(A), THD(%), PF	43.1	0.130	9.6 0.955

COEFFICIENTS OF UTILIZATION (%)														
Pc---	80				70				50				0	
Pw---	70	50	30	10	70	50	30	50	30	10	50	30	10	0
RCR														
0	109	109	109	109	102	102	102	88	88	88	59			
1	100	96	92	89	94	90	87	78	76	74	51			
2	92	85	79	74	85	79	74	69	65	62	43			
3	84	75	68	62	78	70	64	62	57	53	37			
4	77	67	59	53	72	63	56	55	50	45	32			
5	71	60	52	46	66	56	49	50	44	39	28			
6	66	54	46	40	61	51	43	45	39	35	25			
7	61	49	41	35	57	46	39	41	35	31	22			
8	57	44	37	31	53	42	35	37	32	27	20			
9	53	41	33	28	49	38	32	34	29	25	18			
10	49	37	30	25	46	35	29	32	26	22	17			

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	949	19.6%	19.6%
0-40	1546	32.0%	32.0%
0-60	2431	50.3%	50.3%
0-90	2841	58.7%	58.7%
90-130	1184	24.5%	24.5%
90-150	1686	34.8%	34.8%
90-180	1996	41.3%	41.3%
0-180	4837	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	11398	11398	11398
5	13026	11442	10252
15	17808	11655	9060
25	21515	12039	8350
35	18505	11902	7737
45	13329	9816	6927
55	9672	7851	6232
65	7251	6536	5548
75	5380	4935	4665
85	2926	2926	3457

LUMINAIRE SECTION



**LEDALITE**

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