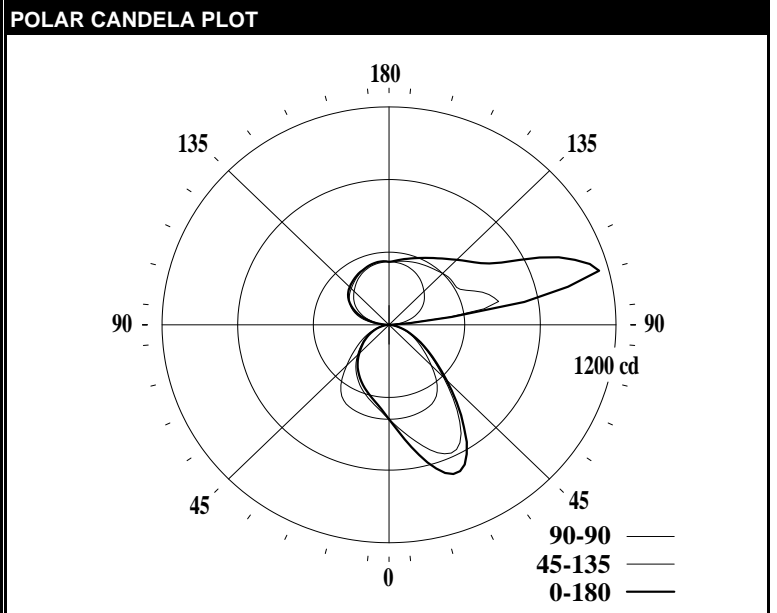


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x5LADWW
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPEND/WALL INDIRECT/DIRECT ASY LED STD/MID 840
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3288 lm 100.0%
<b>Input Watts:</b>	277 VAC 27.7	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	58% Up / 42% Dn 118.7
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-21 T20190611 MLNG153

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	520	520	520	520	520	
5	592	569	520	478	466	50
15	784	690	513	419	399	157
25	889	779	497	365	345	258
35	691	652	445	305	289	293
45	430	408	317	235	223	249
55	253	241	205	170	163	185
65	140	137	126	111	107	124
75	64	61	58	56	55	63
85	12	11	12	13	14	15
90	0	0	0	0	0	
95	111	97	34	50	35	106
105	1150	576	113	157	133	373
115	877	451	178	219	210	348
125	593	411	226	258	263	298
135	507	401	261	283	294	261
145	447	384	294	308	315	215
155	407	373	321	331	332	161
165	377	362	339	346	347	100
175	354	350	346	350	351	34
180	347	347	347	347	347	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	889.0	22.5	
Direct: Peak Candela & Angle (180deg)	519.7	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.66	1.34	0.92
Indirect: Peak Candela & Angle	1150.2	105.0	
Indirect: Zenith Candela, Peak to Zenith	346.9	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	27.3	0.230	11.5 0.991
277V: P(W), I(A), THD(%), PF	27.7	0.106	16.1 0.940
347V: P(W), I(A), THD(%), PF	28.2	0.086	12.5 0.949

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	465	14.2%	14.2%
0-40	759	23.1%	23.1%
0-60	1193	36.3%	36.3%
0-90	1394	42.4%	42.4%
90-130	1124	34.2%	34.2%
90-150	1600	48.6%	48.6%
90-180	1894	57.6%	57.6%
0-180	3288	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	5592	5592	5592
5	6390	5613	5030
15	8737	5718	4445
25	10555	5905	4096
35	9078	5839	3795
45	6539	4816	3398
55	4746	3851	3058
65	3557	3205	2722
75	2640	2420	2287
85	1432	1432	1704

LUMINAIRE SECTION	



**LEDALITE**

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