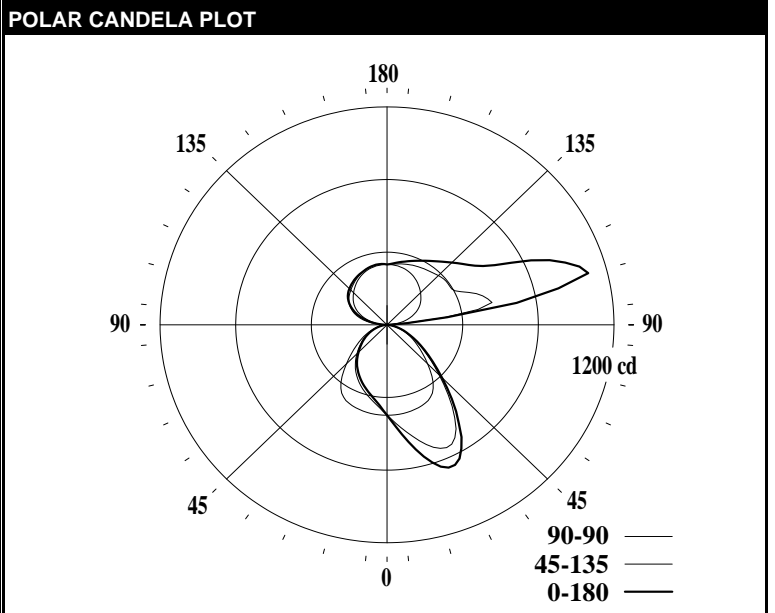


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x5LCDWW
Lamp Type:	LED	Description:	TRUGROOVE SUSPEND/WALL INDIRECT/DIRECT ASY LED STD/MID 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3148 lm 100.0%
Input Watts:	277 VAC 27.7	Up/Dn Ratio, Efficacy (lm/W):	58% Up / 42% Dn 113.6
CIE-IES Classification:	Direct-Indirect	Report (Ele, Col, Photo):	TGSEI-21 T20190608 MLNG151

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	498	498	498	498	498	
5	567	545	498	458	446	48
15	751	661	492	401	382	150
25	851	746	476	350	330	247
35	662	624	426	292	277	281
45	411	390	303	225	214	238
55	242	231	197	163	156	177
65	134	131	121	106	102	118
75	61	59	56	54	53	60
85	11	10	11	12	13	14
90	0	0	0	0	0	
95	106	93	33	48	34	101
105	1102	552	108	150	128	357
115	840	432	171	210	201	333
125	568	394	216	247	252	285
135	485	384	250	271	282	250
145	428	368	282	295	302	206
155	390	358	308	317	318	154
165	361	346	324	332	332	96
175	339	335	332	335	337	32
180	332	332	332	332	332	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	851.2	22.5	
Direct: Peak Candela & Angle (180deg)	497.6	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.66	1.34	0.92
Indirect: Peak Candela & Angle	1101.5	105.0	
Indirect: Zenith Candela, Peak to Zenith	332.2	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	0.4309	0.4003	3073 -0.0007
CRI (Ra), R9	83		10
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	446	14.2%	14.2%
0-40	726	23.1%	23.1%
0-60	1142	36.3%	36.3%
0-90	1335	42.4%	42.4%
90-130	1076	34.2%	34.2%
90-150	1532	48.7%	48.7%
90-180	1814	57.6%	57.6%
0-180	3148	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	90	180
0	5354	5354	5354
5	6119	5375	4816
15	8365	5475	4255
25	10106	5655	3923
35	8692	5590	3633
45	6260	4611	3253
55	4544	3688	2928
65	3407	3071	2605
75	2528	2316	2191
85	1370	1370	1630

LUMINAIRE SECTION	



LEDALITE

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