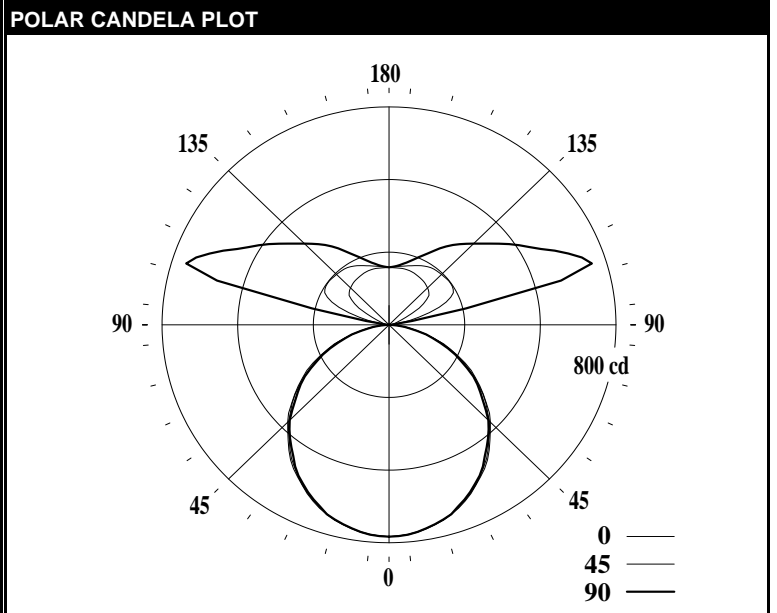


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x6LCDLQ
Lamp Type:	LED	Description:	TRUGROOVE SUSPENDED DIRECT SILK/INDIRECT SYM LED MID/STD 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3509 lm 100.0%
Input Watts:	277 VAC 29.5	Up/Dn Ratio, Efficacy (lm/W):	39% Up / 61% Dn 118.9
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	TGSEI-13 T20190608 MLNG087

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	777	777	777	777	777	
5	772	774	773	774	773	73
15	742	745	741	742	740	209
25	683	687	681	681	677	315
35	605	607	599	601	589	376
45	505	510	500	501	495	387
55	391	396	385	390	380	348
65	268	270	259	265	258	262
75	135	149	133	139	136	147
85	28	34	27	33	30	37
90	0	0	0	0	0	
95	7	7	9	10	12	14
105	22	27	109	365	628	193
115	66	81	240	493	645	290
125	162	179	265	432	517	271
135	192	205	262	374	422	222
145	202	215	256	326	352	169
155	209	217	240	272	281	113
165	213	215	224	234	236	64
175	210	212	214	216	215	21
180	212	212	212	212	212	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	777.4	0.0	
Direct: Peak Candela & Angle (90deg)	777.4	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	749.7	107.5	
Indirect: Zenith Candela, Peak to Zenith	211.5	3.54	
Luminous Length, Width, Height (ft)	0.25	4.00	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	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	103	103	103	90	90	90	61	
	1	100	96	92	88	94	90	86	79	76	74	51	
	2	91	83	77	72	85	78	73	69	64	61	43	
	3	83	73	66	60	77	69	62	60	55	51	36	
	4	76	65	57	50	71	61	54	54	48	43	31	
	5	70	58	49	43	65	54	47	48	42	37	27	
	6	64	52	43	37	60	49	41	43	37	32	23	
	7	59	47	39	33	55	44	37	39	33	29	21	
	8	55	42	34	29	51	40	33	36	30	25	18	
	9	51	39	31	26	48	37	30	33	27	23	17	
	10	48	36	28	23	45	34	27	30	24	21	15	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	597	17.0%	17.0%
0-40	973	27.7%	27.7%
0-60	1708	48.7%	48.7%
0-90	2153	61.4%	61.4%
90-130	767	21.9%	21.9%
90-150	1158	33.0%	33.0%
90-180	1356	38.6%	38.6%
0-180	3509	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	8365	8365	8365
5	8335	8349	8350
15	8266	8252	8241
25	8114	8079	8039
35	7950	7872	7730
45	7688	7604	7535
55	7335	7224	7130
65	6811	6584	6564
75	5600	5517	5637
85	3469	3358	3654

LUMINAIRE SECTION	



LEDALITE

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