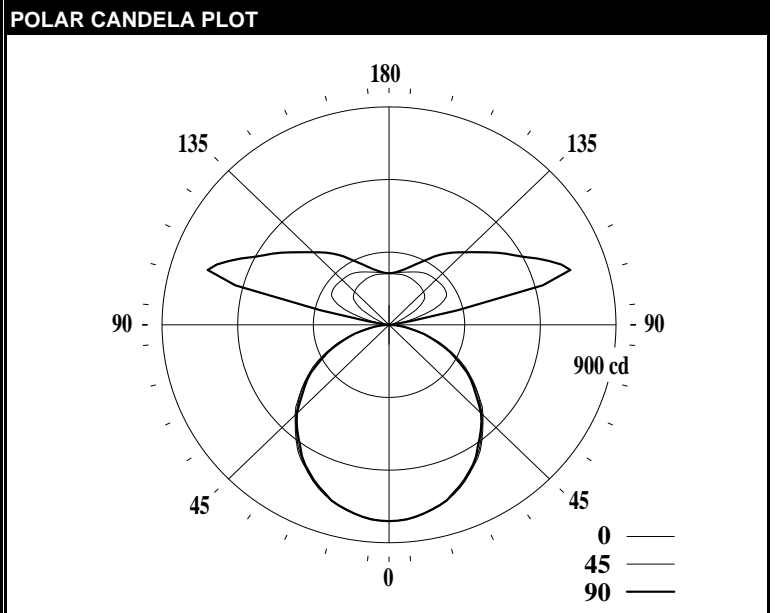


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x6LSDLQ
Lamp Type:	LED	Description:	TRUGROOVE SUSPENDED DIRECT SILK/INDIRECT SYM LED MID/STD 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3610 lm 100.0%
Input Watts:	277 VAC 35.3	Up/Dn Ratio, Efficacy (lm/W):	38% Up / 62% Dn 102.3
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	TGSEI-17 F38890Color MLNG099

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	811	811	811	811	811	
5	805	807	806	808	806	77
15	774	777	773	774	772	218
25	713	717	710	710	706	328
35	631	634	625	627	614	392
45	527	532	521	523	517	404
55	408	414	402	407	397	363
65	279	282	270	276	269	273
75	141	155	138	145	141	153
85	29	36	28	34	31	39
90	0	0	0	0	0	
95	7	7	9	10	12	14
105	23	27	110	367	631	194
115	66	81	241	496	648	291
125	163	180	267	435	520	273
135	193	206	263	376	424	224
145	204	216	258	327	354	170
155	211	219	241	274	282	114
165	214	216	225	235	238	64
175	212	213	215	217	216	21
180	213	213	213	213	213	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	810.8	0.0	
Direct: Peak Candela & Angle (90deg)	810.8	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	754.0	107.5	
Indirect: Zenith Candela, Peak to Zenith	212.7	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	0.4035	0.3887	3523 0.0005
CRI (Ra), R9	94	71	
120V: P(W), I(A), THD(%), PF	34.9	0.293	10.4 0.992
277V: P(W), I(A), THD(%), PF	35.3	0.136	14.0 0.936
347V: P(W), I(A), THD(%), PF	34.9	0.106	10.0 0.951

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	62	
	1	100	96	92	88	94	90	87	79	76	74	52	
	2	91	84	77	72	85	79	73	69	65	61	43	
	3	83	73	66	60	78	69	62	61	55	51	37	
	4	76	65	57	50	71	61	54	54	48	43	31	
	5	70	58	49	43	65	55	47	48	42	37	27	
	6	64	52	44	38	60	49	41	43	37	33	24	
	7	60	47	39	33	56	44	37	39	33	29	21	
	8	55	43	35	29	52	40	33	36	30	26	19	
	9	51	39	31	26	48	37	30	33	27	23	17	
	10	48	36	28	23	45	34	27	30	25	21	15	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	623	17.3%	17.3%
0-40	1015	28.1%	28.1%
0-60	1781	49.4%	49.4%
0-90	2246	62.2%	62.2%
90-130	771	21.4%	21.4%
90-150	1165	32.3%	32.3%
90-180	1363	37.8%	37.8%
0-180	3610	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	8724	8724	8724
5	8694	8709	8710
15	8622	8608	8595
25	8463	8427	8384
35	8292	8211	8064
45	8019	7931	7861
55	7652	7536	7438
65	7103	6867	6846
75	5841	5754	5878
85	3617	3506	3802

LUMINAIRE SECTION	



LEDALITE

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