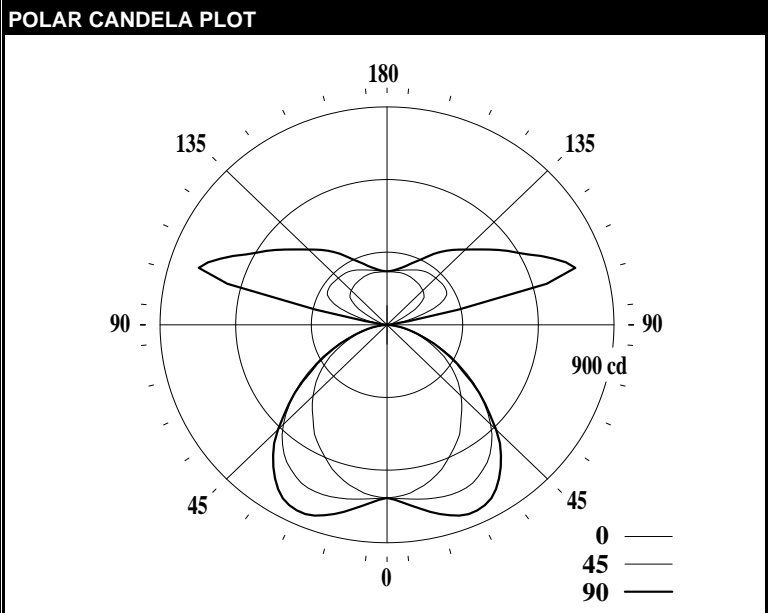


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x6LADQQ
Lamp Type:	LED	Description:	TRUGROOVE SUSPENDED DIRECT MESO/INDIRECT SYM LED MID/STD 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3595 lm 100.0%
Input Watts:	277 VAC 29.5	Up/Dn Ratio, Efficacy (lm/W):	39% Up / 61% Dn 121.9
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	TGSEI-13 T20190611 MLNG073

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	715	715	715	715	715	
5	707	712	721	727	738	69
15	666	690	740	785	809	209
25	593	644	743	822	846	337
35	508	571	693	771	775	418
45	415	477	581	625	612	422
55	314	359	420	434	410	351
65	199	226	244	254	235	234
75	94	105	107	111	102	113
85	21	23	20	24	18	26
90	0	0	0	0	0	
95	7	7	10	11	13	14
105	23	28	114	381	655	201
115	69	85	250	515	673	303
125	169	187	277	451	540	283
135	201	214	273	390	440	232
145	211	225	268	340	367	176
155	219	227	250	284	293	118
165	222	225	234	244	247	67
175	220	222	223	225	224	21
180	221	221	221	221	221	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	714.9	0.0	
Direct: Peak Candela & Angle (90deg)	845.9	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	782.8	107.5	
Indirect: Zenith Candela, Peak to Zenith	220.9	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	0.3772	0.3752	4078 0.0002
CRI (Ra), R9	81	6	
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	89	89	89	61	
	1	100	96	92	89	94	90	87	79	76	74	52	
	2	92	84	78	73	85	79	73	69	65	61	43	
	3	84	74	67	61	78	69	63	61	56	52	37	
	4	76	66	57	51	71	62	54	54	49	44	32	
	5	70	58	50	44	65	55	48	49	43	38	27	
	6	65	52	44	38	60	49	42	44	38	33	24	
	7	60	47	39	33	56	45	37	40	34	29	21	
	8	55	43	35	30	52	41	33	36	30	26	19	
	9	52	39	32	26	48	37	30	33	27	23	17	
	10	48	36	29	24	45	34	27	30	25	21	15	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	616	17.1%	17.1%
0-40	1033	28.7%	28.7%
0-60	1807	50.3%	50.3%
0-90	2180	60.6%	60.6%
90-130	801	22.3%	22.3%
90-150	1209	33.6%	33.6%
90-180	1416	39.4%	39.4%
0-180	3595	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	7692	7692	7692
5	7639	7787	7967
15	7414	8241	9009
25	7039	8818	10042
35	6677	9103	10173
45	6318	8843	9310
55	5898	7873	7686
65	5069	6212	5988
75	3908	4432	4232
85	2556	2457	2235

LUMINAIRE SECTION	



LEDALITE

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