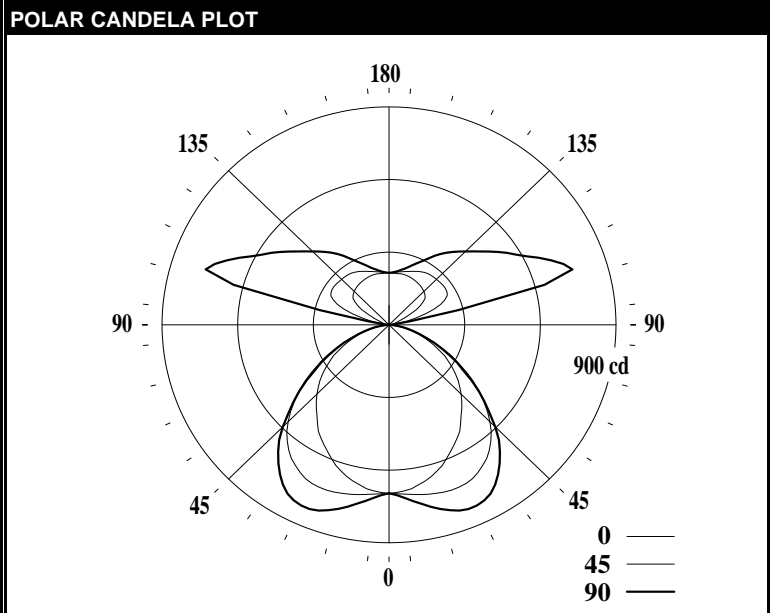


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x6LBDQQ
Lamp Type:	LED	Description:	TRUGROOVE SUSPENDED DIRECT MESO/INDIRECT SYM LED MID/STD 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3501 lm 100.0%
Input Watts:	277 VAC 29.5	Up/Dn Ratio, Efficacy (lm/W):	39% Up / 61% Dn 118.7
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	TGSEI-13 T20190610 MLNG072

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	696	696	696	696	696	
5	688	693	702	708	718	67
15	648	672	720	764	787	204
25	577	627	723	800	823	328
35	495	556	675	751	754	407
45	404	465	566	609	596	411
55	306	349	409	422	399	342
65	194	220	238	247	229	228
75	92	103	104	108	99	110
85	20	23	19	24	18	26
90	0	0	0	0	0	
95	7	7	10	10	12	14
105	23	27	111	371	638	196
115	67	82	244	502	656	295
125	165	182	270	440	525	276
135	195	209	266	380	429	226
145	206	219	261	331	358	171
155	213	221	244	277	286	115
165	216	219	228	238	240	65
175	214	216	217	219	219	21
180	215	215	215	215	215	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	696.0	0.0	
Direct: Peak Candela & Angle (90deg)	823.5	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	762.3	107.5	
Indirect: Zenith Candela, Peak to Zenith	215.1	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	0.4061	0.3914	3487 0.0001
CRI (Ra), R9	82	12	
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	48	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	599	17.1%	17.1%
0-40	1006	28.7%	28.7%
0-60	1759	50.2%	50.2%
0-90	2122	60.6%	60.6%
90-130	780	22.3%	22.3%
90-150	1178	33.6%	33.6%
90-180	1379	39.4%	39.4%
0-180	3501	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	7489	7489	7489
5	7435	7580	7756
15	7217	8023	8770
25	6853	8584	9775
35	6499	8861	9904
45	6151	8608	9063
55	5740	7663	7483
65	4934	6049	5830
75	3804	4311	4120
85	2481	2383	2173

LUMINAIRE SECTION	



LEDALITE

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