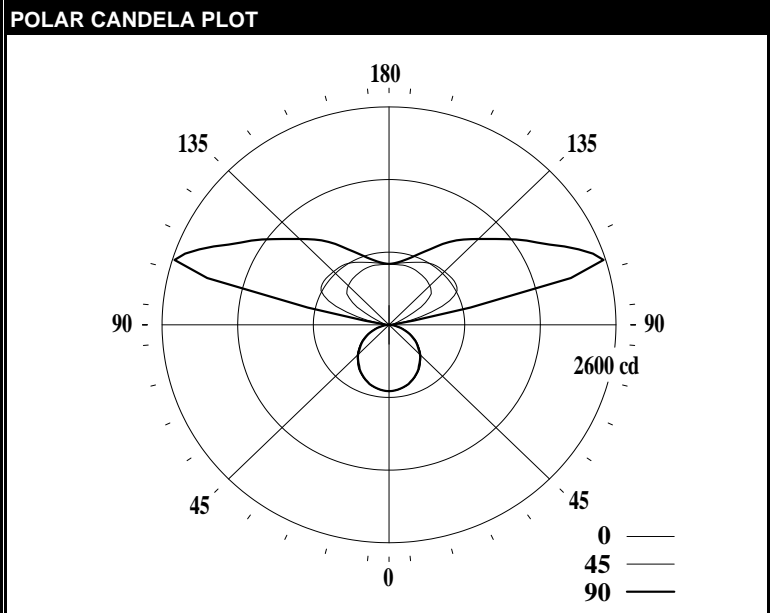


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x5LBALQ
Lamp Type:	LED	Description:	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM SILK LED HI/XHI 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	6848 lm 100.0%
Input Watts:	120 VAC 52.1	Up/Dn Ratio, Efficacy (lm/W):	68% Up / 32% Dn 131.4
CIE-IES Classification:	Semi-Indirect	Report (Ele, Col, Photo):	TGSEI-24 T20190610 MLNG129

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	790	790	790	790	790	
5	785	787	786	787	786	75
15	754	758	753	755	752	213
25	695	699	692	692	688	320
35	615	618	609	611	598	382
45	514	519	508	509	504	394
55	398	403	392	397	387	353
65	272	275	263	270	262	266
75	137	152	135	142	138	149
85	29	35	28	33	30	38
90	0	0	0	0	0	
95	23	23	32	35	41	46
105	77	92	375	1254	2157	662
115	227	278	824	1695	2215	996
125	556	615	911	1485	1776	932
135	660	705	899	1284	1448	764
145	695	739	881	1119	1208	579
155	720	747	824	935	965	389
165	730	739	769	804	812	220
175	723	729	735	741	739	71
180	727	727	727	727	727	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	790.3	0.0	
Direct: Peak Candela & Angle (90deg)	790.3	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	2576.4	107.5	
Indirect: Zenith Candela, Peak to Zenith	726.9	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	0.4061	0.3914	3487 0.0001
CRI (Ra), R9	82		12
120V: P(W), I(A), THD(%), PF	52.1	0.436	7.9 0.995
277V: P(W), I(A), THD(%), PF	52.1	0.195	12.6 0.964
347V: P(W), I(A), THD(%), PF	51.4	0.152	8.3 0.974

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	103	103	103	103	93	93	93	73	73	73	32	
	1	94	89	86	82	84	81	77	64	62	60	27	
	2	85	78	72	67	76	70	65	56	52	49	22	
	3	78	68	61	56	70	62	56	49	45	41	19	
	4	71	60	53	47	63	55	48	44	39	35	16	
	5	65	54	46	40	58	49	42	39	34	30	14	
	6	60	48	40	34	53	43	37	35	30	26	12	
	7	55	43	35	30	49	39	32	32	27	23	11	
	8	51	39	31	26	46	35	29	29	24	20	10	
	9	47	35	28	23	43	32	26	26	21	18	9	
	10	44	32	25	21	40	30	23	24	19	16	8	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	607	8.9%	8.9%
0-40	989	14.4%	14.4%
0-60	1736	25.4%	25.4%
0-90	2189	32.0%	32.0%
90-130	2636	38.5%	38.5%
90-150	3980	58.1%	58.1%
90-180	4659	68.0%	68.0%
0-180	6848	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	8504	8504	8504
5	8475	8489	8490
15	8404	8390	8378
25	8249	8214	8173
35	8082	8003	7860
45	7817	7730	7662
55	7459	7346	7251
65	6925	6694	6673
75	5691	5608	5733
85	3531	3420	3716

LUMINAIRE SECTION	



LEDALITE

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