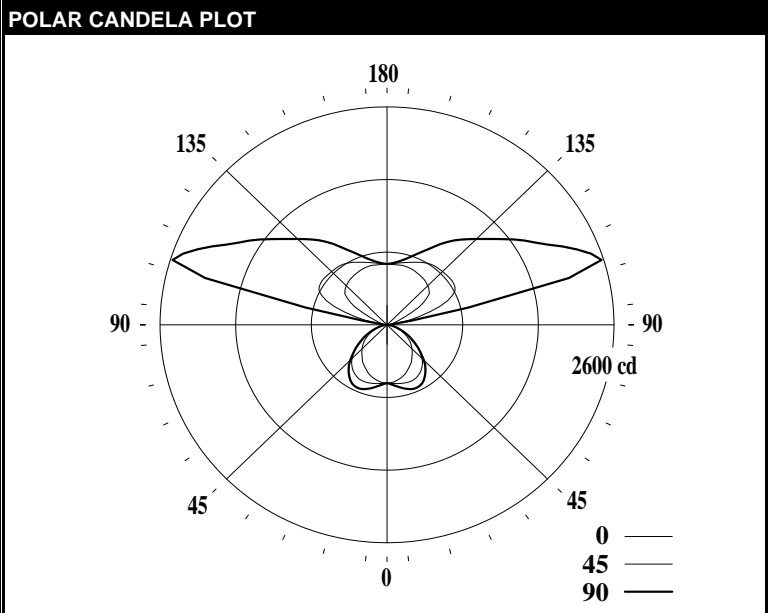


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x5LBAQQ
Lamp Type:	LED	Description:	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM MESO LED HI/XHI 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	6781 lm 100.0%
Input Watts:	120 VAC 52.1	Up/Dn Ratio, Efficacy (lm/W):	69% Up / 31% Dn 130.2
CIE-IES Classification:	Semi-Indirect	Report (Ele, Col, Photo):	TGSEI-24 T20190610 MLNG113

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	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)	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	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	92	92	92	73	73	73	31	
	1	94	90	86	82	84	81	78	64	62	60	27	
	2	85	78	72	67	77	71	66	56	53	50	22	
	3	78	69	62	56	70	62	56	49	45	42	19	
	4	71	61	53	47	64	55	48	44	39	35	16	
	5	65	54	46	40	58	49	42	39	34	30	14	
	6	60	48	40	35	54	44	37	35	30	26	12	
	7	55	43	36	30	50	39	33	32	27	23	11	
	8	51	39	32	27	46	36	29	29	24	20	10	
	9	47	36	28	23	43	32	26	26	21	18	9	
	10	44	33	26	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	599	8.8%	8.8%
0-40	1006	14.8%	14.8%
0-60	1759	25.9%	25.9%
0-90	2122	31.3%	31.3%
90-130	2636	38.9%	38.9%
90-150	3980	58.7%	58.7%
90-180	4659	68.7%	68.7%
0-180	6781	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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