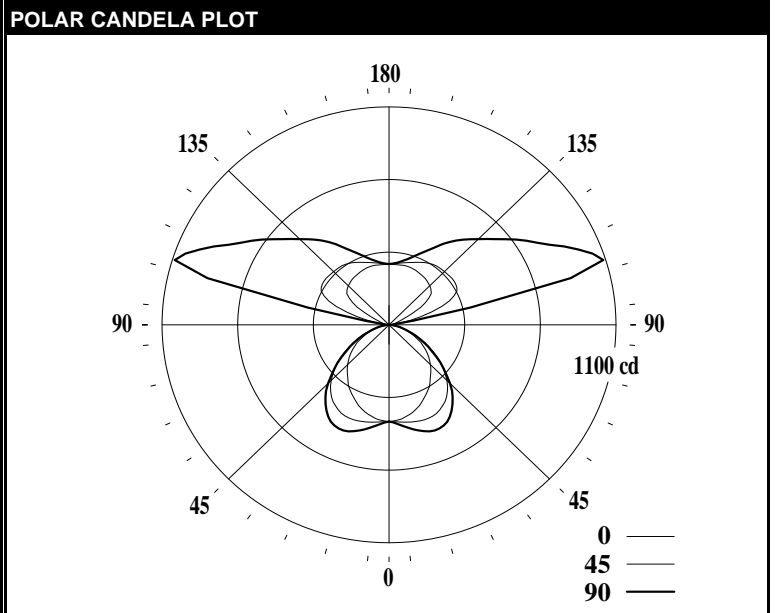


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x5LBDQQ
Lamp Type:	LED	Description:	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM MESO LED STD/MID 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3456 lm 100.0%
Input Watts:	277 VAC 27.7	Up/Dn Ratio, Efficacy (lm/W):	57% Up / 43% Dn 124.8
CIE-IES Classification:	Direct-Indirect	Report (Ele, Col, Photo):	TGSEI-21 T20190610 MLNG104

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	488	488	488	488	488	
5	483	486	492	496	503	47
15	454	471	505	536	552	143
25	405	440	507	561	577	230
35	347	390	473	526	529	285
45	283	326	397	427	418	288
55	215	245	286	296	280	240
65	136	154	167	173	161	160
75	64	72	73	76	70	77
85	14	16	14	17	12	18
90	0	0	0	0	0	
95	10	10	14	15	17	20
105	33	39	159	530	912	280
115	96	118	348	716	936	421
125	235	260	385	628	750	394
135	279	298	380	542	612	323
145	294	312	372	473	511	245
155	304	316	348	395	408	164
165	309	312	325	340	343	93
175	305	308	310	313	312	30
180	307	307	307	307	307	



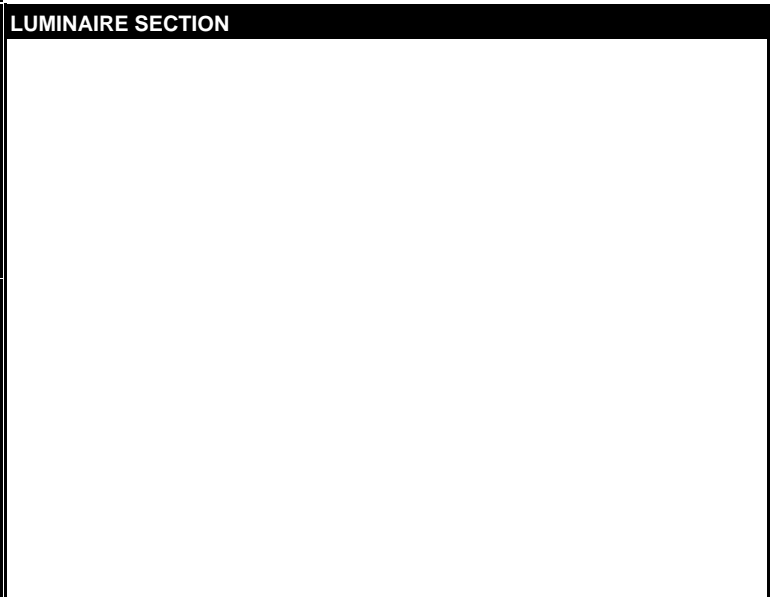
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	487.9	0.0	
Direct: Peak Candela & Angle (90deg)	577.3	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	1088.8	107.5	
Indirect: Zenith Candela, Peak to Zenith	307.2	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	27.3	0.230	11.5 0.991
277V: P(W), I(A), THD(%), PF	27.7	0.106	16.1 0.940
347V: P(W), I(A), THD(%), PF	28.2	0.086	12.5 0.949

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	105	105	105	105	96	96	96	79	79	79	43	
	1	96	92	88	85	88	84	81	70	68	66	37	
	2	88	81	75	70	80	74	69	61	58	54	31	
	3	80	71	64	58	73	65	59	54	50	46	26	
	4	73	63	55	49	67	58	51	48	43	39	22	
	5	67	56	48	42	61	51	44	43	38	33	19	
	6	62	50	42	36	56	46	39	39	33	29	17	
	7	57	45	37	32	52	41	34	35	29	26	15	
	8	53	41	33	28	48	38	31	32	26	23	13	
	9	49	37	30	25	45	34	28	29	24	20	12	
	10	46	34	27	22	42	31	25	27	22	18	11	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	420	12.2%	12.2%
0-40	705	20.4%	20.4%
0-60	1233	35.7%	35.7%
0-90	1488	43.0%	43.0%
90-130	1114	32.2%	32.2%
90-150	1682	48.7%	48.7%
90-180	1969	57.0%	57.0%
0-180	3456	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5250	5250	5250
5	5213	5314	5437
15	5060	5624	6148
25	4804	6017	6853
35	4555	6212	6942
45	4312	6034	6353
55	4024	5373	5245
65	3460	4239	4086
75	2665	3022	2889
85	1741	1679	1531



LEDALITE

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