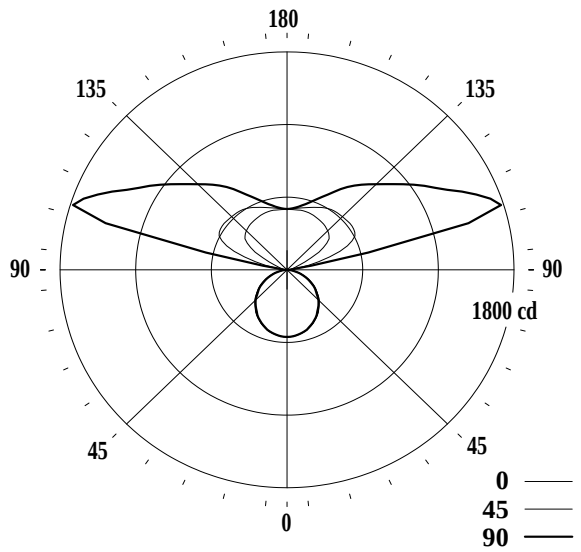
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x5LBCLQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED INDIRECT/DIRECT SYM SILK LED MID/HI 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4753 lm 100.0%
Input Watts:	277 VAC 36.3	**Up/Dn Ratio, Efficacy (lm/W):**	68% Up / 32% Dn 130.9
CIE-IES Classification:	Semi-Indirect	**Report (Ele, Col, Photo):**	TGSEI-22 T20190610 MLNG123

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	554	554	554	554	554	
5	550	552	551	552	551	52
15	529	531	528	529	527	149
25	487	490	485	485	483	224
35	431	433	427	428	420	268
45	360	364	356	357	353	276
55	279	283	275	278	271	248
65	191	192	184	189	184	187
75	96	106	95	99	97	105
85	20	24	19	23	21	26
90	0	0	0	0	0	
95	16	16	22	24	28	32
105	53	64	259	867	1490	457
115	157	192	569	1171	1530	688
125	384	425	629	1026	1227	644
135	456	487	621	887	1001	528
145	480	511	609	773	835	400
155	497	516	569	646	667	269
165	505	511	531	555	561	152
175	499	504	508	512	510	49
180	502	502	502	502	502	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			554.0	0.0
Direct: Peak Candela & Angle (90deg)			554.0	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.22	N/A
Indirect: Peak Candela & Angle			1779.9	107.5
Indirect: Zenith Candela, Peak to Zenith			502.2	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	35.9	0.302	10.4	0.992
277V: P(W), I(A), THD(%), PF	36.3	0.140	13.7	0.939
347V: P(W), I(A), THD(%), PF	36.0	0.109	10.3	0.952

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	103	103	103	103	93	93	93	73	73	73	32
1	94	90	86	82	84	81	78	64	62	60	27
2	85	78	72	67	76	70	65	56	53	50	23
3	78	68	61	56	70	62	56	49	45	42	19
4	71	60	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	34	54	44	37	35	30	26	12
7	55	43	35	30	49	39	32	32	27	23	11
8	51	39	32	26	46	36	29	29	24	20	10
9	47	36	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	426	9.0%	9.0%
0-40	694	14.6%	14.6%
0-60	1217	25.6%	25.6%
0-90	1535	32.3%	32.3%
90-130	1821	38.3%	38.3%
90-150	2749	57.8%	57.8%
90-180	3219	67.7%	67.7%
0-180	4753	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5961	5961	5961
5	5941	5950	5951
15	5891	5882	5873
25	5783	5758	5730
35	5665	5610	5510
45	5480	5419	5372
55	5228	5149	5082
65	4855	4692	4677
75	3991	3933	4016
85	2469	2395	2605

LUMINAIRE SECTION

LEDALITE

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