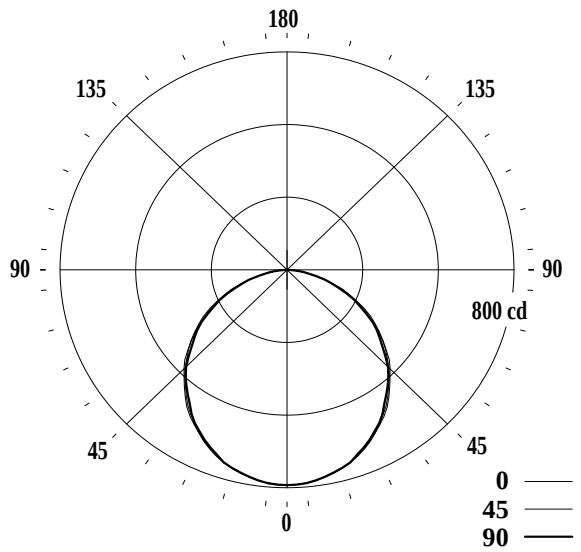
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LBGLN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM SILK LED MID 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2189 lm 100.0%
Input Watts:	120 VAC 19.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 112.8
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-02 T20190610 S07565-5

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux 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	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

POLAR CANDELA PLOT



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			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		4.00	0.25	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.336
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	19.4	0.163	8.3	0.992
277V: P(W), I(A), THD(%), PF	19.1	0.072	12.5	0.962
347V: P(W), I(A), THD(%), PF	19.7	0.059	10.3	0.967

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	119	119	119	119	116	116	116	111	111	111	100
1	109	104	100	96	106	102	98	98	94	91	84
2	99	91	84	78	96	89	83	85	80	75	70
3	90	80	71	65	88	78	70	75	69	63	59
4	83	71	62	55	80	69	61	67	60	54	50
5	76	63	54	47	74	62	53	60	52	47	43
6	70	57	48	41	68	56	47	54	46	41	38
7	65	51	43	37	63	51	42	49	42	36	34
8	61	47	38	33	59	46	38	45	38	32	30
9	57	43	35	29	55	43	35	41	34	29	27
10	53	40	32	27	52	39	32	38	31	26	24

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	607	27.7%	27.7%
0-40	989	45.2%	45.2%
0-60	1736	79.3%	79.3%
0-90	2189	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	2189	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	8504	8504	8504
5	8474	8489	8490
15	8404	8390	8378
25	8249	8214	8173
35	8082	8004	7860
45	7816	7731	7662
55	7458	7345	7250
65	6925	6694	6673
75	5693	5609	5732
85	3529	3414	3711

LUMINAIRE SECTION

LEDALITE

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