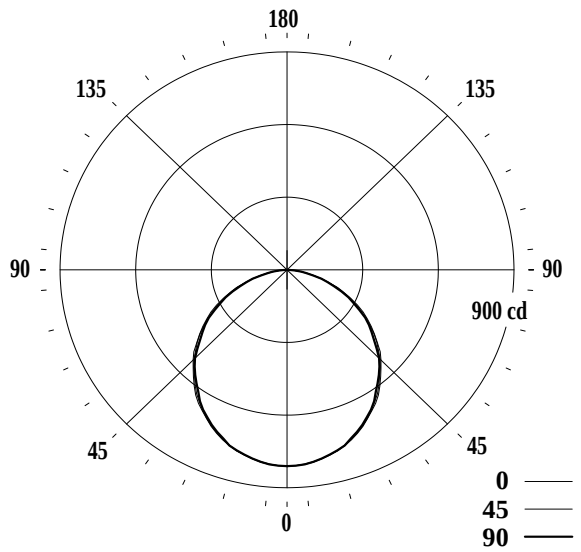
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LSGLN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM SILK LED MID 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2246 lm 100.0%
Input Watts:	120 VAC 23.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 94.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-06 F38890Color S07565-E

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	811	811	811	811	811	
5	805	807	806	808	807	77
15	774	777	773	774	772	218
25	713	717	710	710	706	328
35	631	634	625	627	614	392
45	527	532	521	523	517	404
55	408	414	402	407	397	363
65	279	282	270	277	269	273
75	141	155	138	145	141	153
85	29	36	28	34	31	39
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)			810.8	0.0
Direct: Peak Candela & Angle (90deg)			810.8	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	1.371
DLC (120/277), DLC (347)			N/A	N/A
x, y, CCT ,Duv	0.4035	0.3887	3523	0.0005
CRI (Ra), R9			94	71
120V: P(W), I(A), THD(%), PF	23.8	0.200	9.0	0.993
277V: P(W), I(A), THD(%), PF	23.8	0.091	11.8	0.942
347V: P(W), I(A), THD(%), PF	23.5	0.071	9.3	0.955

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	623	27.7%	27.7%
0-40	1015	45.2%	45.2%
0-60	1781	79.3%	79.3%
0-90	2246	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	2246	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	8725	8725	8725
5	8694	8709	8711
15	8622	8608	8596
25	8463	8427	8385
35	8292	8211	8064
45	8019	7932	7861
55	7652	7536	7438
65	7105	6868	6847
75	5841	5755	5880
85	3621	3503	3807

LUMINAIRE SECTION

LEDALITE

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