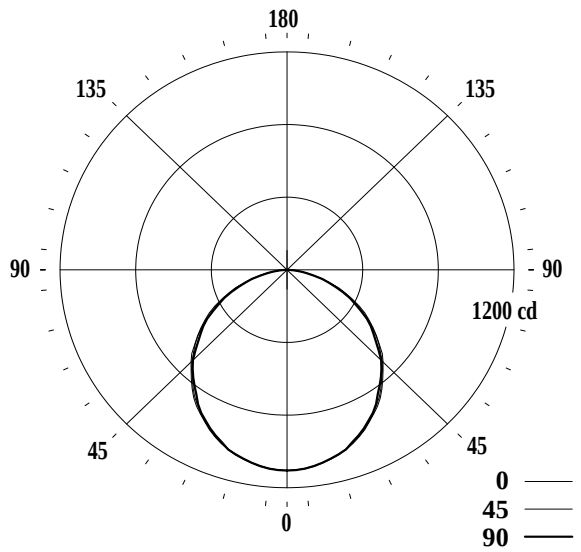
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LSELN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM SILK LED HI 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3061 lm 100.0%
Input Watts:	120 VAC 33.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 91.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-07 F38890Color S07565-F

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1105	1105	1105	1105	1105	
5	1097	1100	1099	1101	1099	104
15	1055	1059	1053	1055	1052	298
25	971	977	967	968	963	447
35	860	863	852	854	837	534
45	718	725	710	712	704	550
55	556	564	548	554	540	494
65	380	384	368	377	367	372
75	191	212	189	198	193	208
85	40	49	39	46	42	53
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				None
Direct: Peak Candela & Angle (0deg)			1105.0	0.0
Direct: Peak Candela & Angle (90deg)			1105.0	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	1.868
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	33.4	0.280	7.4	0.996
277V: P(W), I(A), THD(%), PF	33.3	0.125	12.5	0.963
347V: P(W), I(A), THD(%), PF	32.6	0.096	6.9	0.976

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	849	27.7%	27.7%
0-40	1383	45.2%	45.2%
0-60	2428	79.3%	79.3%
0-90	3061	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	3061	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	11890	11890	11890
5	11848	11869	11871
15	11749	11731	11714
25	11533	11485	11427
35	11301	11190	10989
45	10928	10809	10712
55	10428	10270	10137
65	9682	9359	9330
75	7959	7843	8014
85	4935	4773	5188

LUMINAIRE SECTION

LEDALITE

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