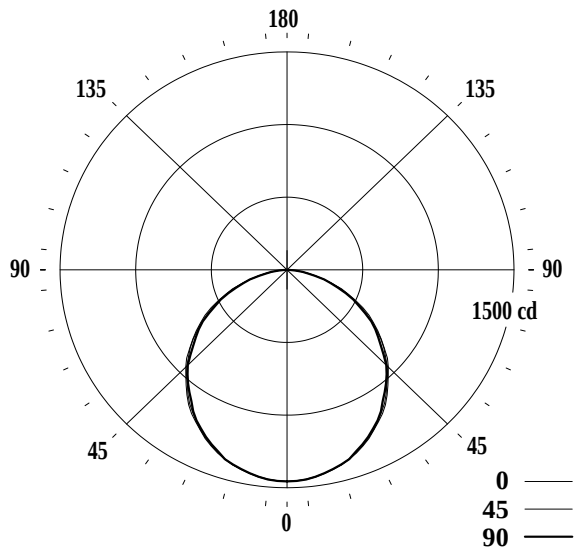
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LSDLN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM SILK LED XHI 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4035 lm 100.0%
Input Watts:	120 VAC 46.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 86.8
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-08 F38890Color S07565-G

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1457	1457	1457	1457	1457	
5	1446	1450	1448	1451	1449	138
15	1390	1396	1388	1391	1386	392
25	1281	1288	1275	1276	1269	589
35	1134	1138	1123	1126	1103	704
45	947	956	936	939	928	726
55	733	743	722	731	712	651
65	501	506	485	497	483	491
75	252	279	249	261	254	275
85	53	64	51	61	55	70
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)			1456.5	0.0
Direct: Peak Candela & Angle (90deg)			1456.5	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	2.462
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	46.5	0.389	6.0	0.997
277V: P(W), I(A), THD(%), PF	46.0	0.171	8.8	0.974
347V: P(W), I(A), THD(%), PF	45.3	0.133	6.9	0.980

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	1119	27.7%	27.7%
0-40	1823	45.2%	45.2%
0-60	3200	79.3%	79.3%
0-90	4035	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	4035	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	15672	15672	15672
5	15618	15644	15647
15	15487	15463	15441
25	15202	15138	15062
35	14896	14750	14485
45	14405	14248	14120
55	13745	13537	13362
65	12762	12336	12298
75	10491	10338	10563
85	6505	6292	6839

LUMINAIRE SECTION

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