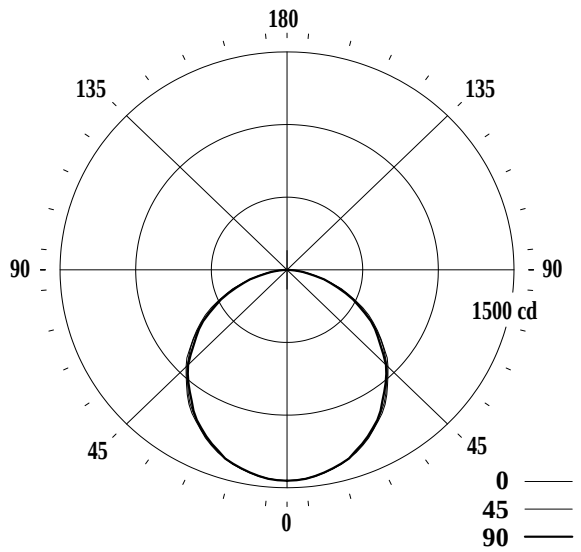
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x1LCDLN**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPEND/SURFACE DIRECT SYM SILK LED XHI 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4021 lm 100.0%
Input Watts:	120 VAC 39.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 103.1
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGSEI-04 T20190608 S07565-A

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1452	1452	1452	1452	1452	
5	1441	1446	1444	1446	1444	137
15	1386	1391	1383	1386	1381	391
25	1276	1283	1271	1272	1264	587
35	1130	1134	1119	1122	1099	702
45	943	953	933	935	925	723
55	730	740	719	728	710	649
65	500	504	483	495	481	489
75	252	278	248	260	253	274
85	53	64	51	61	55	69
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)			1451.6	0.0
Direct: Peak Candela & Angle (90deg)			1451.6	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	2.454
DLC (120/277), DLC (347)			N/A	N/A
x, y, CCT ,Duv	0.4309	0.4003	3073	-0.0007
CRI (Ra), R9			83	10
120V: P(W), I(A), THD(%), PF	39.0	0.326	5.1	0.998
277V: P(W), I(A), THD(%), PF	38.4	0.142	8.3	0.973
347V: P(W), I(A), THD(%), PF	38.2	0.112	6.5	0.979

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	1116	27.7%	27.7%
0-40	1817	45.2%	45.2%
0-60	3189	79.3%	79.3%
0-90	4021	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	4021	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	15619	15619	15619
5	15565	15592	15594
15	15435	15410	15389
25	15151	15087	15011
35	14845	14700	14436
45	14356	14200	14073
55	13699	13491	13317
65	12719	12294	12257
75	10456	10303	10527
85	6483	6271	6816

LUMINAIRE SECTION

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