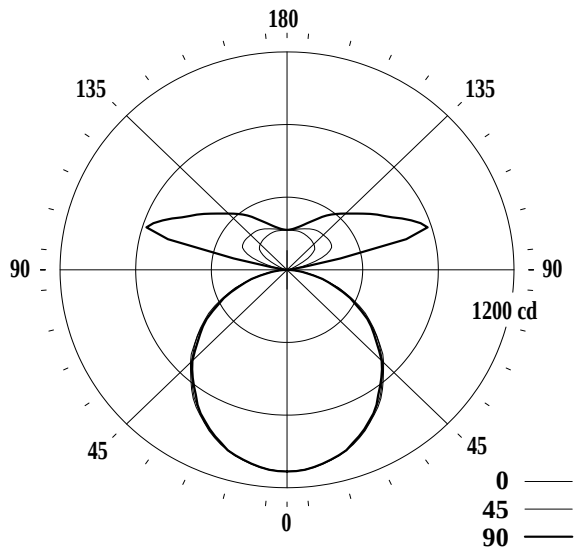
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LCCLQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED DIRECT SILK/INDIRECT SYM LED HI/STD 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4486 lm 100.0%
Input Watts:	277 VAC 39.0	**Up/Dn Ratio, Efficacy (lm/W):**	31% Up / 69% Dn 115.0
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	TGSEI-14 T20190608 MLNG090

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1111	1111	1111	1111	1111	
5	1103	1106	1105	1106	1105	105
15	1060	1065	1059	1061	1057	299
25	977	982	972	973	968	450
35	865	868	856	859	841	537
45	722	729	714	716	708	553
55	559	567	550	557	543	497
65	382	386	370	379	368	374
75	193	213	190	199	194	209
85	40	49	39	46	42	53
90	0	0	0	0	0	
95	7	7	10	11	12	14
105	23	28	114	379	652	200
115	69	84	249	513	670	301
125	168	186	276	449	537	282
135	200	213	272	388	438	231
145	210	224	266	338	365	175
155	218	226	249	283	292	118
165	221	224	233	243	246	66
175	219	220	222	224	223	21
180	220	220	220	220	220	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1110.8	0.0
Direct: Peak Candela & Angle (90deg)			1110.8	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.24	1.22	N/A
Indirect: Peak Candela & Angle			779.1	107.5
Indirect: Zenith Candela, Peak to Zenith			219.8	3.54
Luminous Length, Width, Height (ft)		0.25	4.00	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
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	38.6	0.324	10.3	0.993
277V: P(W), I(A), THD(%), PF	39.0	0.149	15.5	0.943
347V: P(W), I(A), THD(%), PF	38.5	0.116	9.2	0.957

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	112	112	112	112	105	105	105	94	94	94	69
1	102	97	93	90	96	92	88	82	79	77	58
2	93	85	78	73	87	80	75	72	67	63	48
3	84	74	67	61	79	71	64	63	58	53	40
4	77	66	58	51	73	62	55	56	50	45	34
5	71	59	50	44	67	56	48	50	44	39	30
6	65	53	44	38	61	50	42	45	39	34	26
7	60	48	39	34	57	45	38	41	35	30	23
8	56	43	35	30	53	41	34	37	31	27	21
9	52	40	32	27	49	38	31	34	28	24	18
10	49	36	29	24	46	35	28	32	26	22	17

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	854	19.0%	19.0%
0-40	1391	31.0%	31.0%
0-60	2441	54.4%	54.4%
0-90	3077	68.6%	68.6%
90-130	797	17.8%	17.8%
90-150	1203	26.8%	26.8%
90-180	1409	31.4%	31.4%
0-180	4486	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	11952	11952	11952
5	11911	11931	11933
15	11811	11792	11776
25	11595	11545	11488
35	11361	11249	11047
45	10987	10866	10769
55	10483	10323	10190
65	9733	9408	9380
75	8003	7882	8057
85	4963	4802	5210

LUMINAIRE SECTION

LEDALITE

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