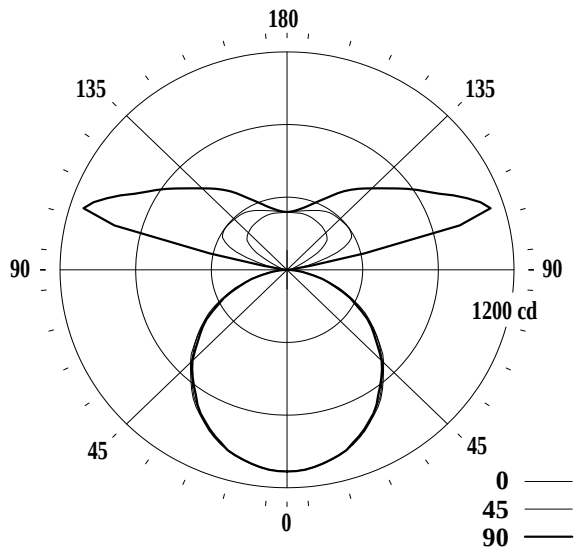
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LCBLQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED DIRECT SILK/INDIRECT SYM LED HI/MID 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5118 lm 100.0%
Input Watts:	277 VAC 43.2	**Up/Dn Ratio, Efficacy (lm/W):**	40% Up / 60% Dn 118.5
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	TGSEI-15 T20190608 MLNG093

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	10	10	14	15	18	20
105	34	40	164	549	945	290
115	99	122	361	742	970	436
125	244	269	399	651	778	408
135	289	309	394	562	634	335
145	305	324	386	490	529	254
155	315	327	361	410	423	170
165	320	324	337	352	356	96
175	317	319	322	324	324	31
180	318	318	318	318	318	

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			1128.4	107.5
Indirect: Zenith Candela, Peak to Zenith			318.4	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	43.0	0.361	9.0	0.994
277V: P(W), I(A), THD(%), PF	43.2	0.163	11.0	0.958
347V: P(W), I(A), THD(%), PF	43.1	0.130	9.6	0.955

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	110	110	110	110	102	102	102	89	89	89	60
1	100	96	92	88	93	89	86	78	75	73	50
2	91	83	77	72	85	78	72	68	64	60	42
3	83	73	66	59	77	69	62	60	55	50	35
4	76	65	56	50	70	61	53	53	47	43	30
5	70	58	49	43	65	54	47	48	42	37	26
6	64	52	43	37	60	49	41	43	37	32	23
7	59	47	38	33	55	44	36	39	33	28	20
8	55	42	34	29	51	40	33	35	29	25	18
9	51	39	31	26	48	37	30	32	27	23	16
10	48	35	28	23	45	34	27	30	24	20	15

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	854	16.7%	16.7%
0-40	1391	27.2%	27.2%
0-60	2441	47.7%	47.7%
0-90	3077	60.1%	60.1%
90-130	1155	22.6%	22.6%
90-150	1743	34.1%	34.1%
90-180	2041	39.9%	39.9%
0-180	5118	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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