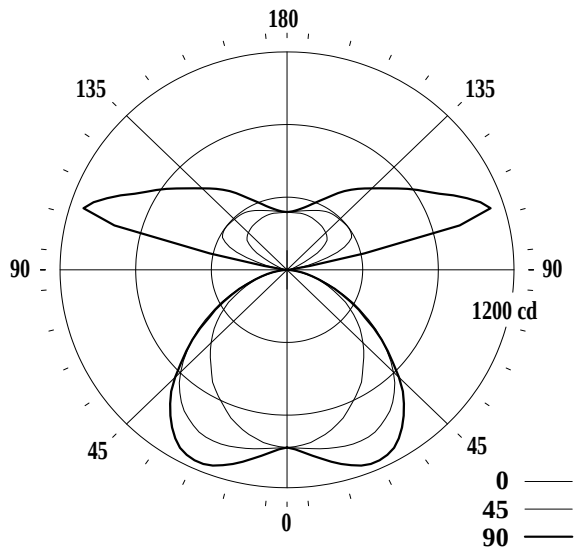
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LCBQQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED DIRECT MESO/INDIRECT SYM LED HI/MID 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5023 lm 100.0%
Input Watts:	277 VAC 43.2	**Up/Dn Ratio, Efficacy (lm/W):**	41% Up / 59% Dn 116.3
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	TGSEI-15 T20190608 MLNG077

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	978	978	978	978	978	
5	968	974	986	995	1009	95
15	911	944	1012	1074	1107	286
25	811	882	1016	1124	1157	461
35	695	782	948	1055	1060	572
45	568	653	795	856	837	578
55	430	491	574	593	561	481
65	272	309	334	348	322	320
75	129	144	146	152	139	155
85	28	32	27	33	25	36
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)			978.2	0.0
Direct: Peak Candela & Angle (90deg)			1157.4	22.5
Spacing Criteria (0deg, 90deg, 180deg)		1.16	1.57	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	109	109	109	109	102	102	102	89	89	89	59
1	100	96	92	89	93	90	86	78	76	73	51
2	91	84	78	73	85	79	73	69	64	61	43
3	83	74	66	60	78	69	63	61	55	51	36
4	76	65	57	51	71	61	54	54	48	44	31
5	70	58	50	44	65	55	47	48	42	38	27
6	64	52	44	38	60	49	42	43	37	33	23
7	60	47	39	33	55	44	37	39	33	29	21
8	55	43	35	29	52	40	33	36	30	26	18
9	51	39	31	26	48	37	30	33	27	23	17
10	48	36	28	24	45	34	27	30	25	21	15

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	842	16.8%	16.8%
0-40	1414	28.1%	28.1%
0-60	2472	49.2%	49.2%
0-90	2983	59.4%	59.4%
90-130	1155	23.0%	23.0%
90-150	1743	34.7%	34.7%
90-180	2041	40.6%	40.6%
0-180	5023	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	10525	10525	10525
5	10451	10654	10902
15	10145	11277	12326
25	9631	12065	13739
35	9134	12455	13920
45	8646	12099	12738
55	8068	10772	10517
65	6935	8501	8193
75	5346	6061	5791
85	3494	3358	3062

LUMINAIRE SECTION

LEDALITE

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