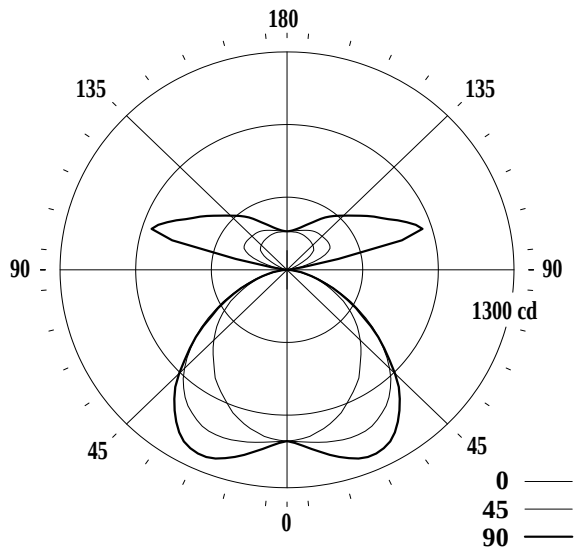
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LACQQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED DIRECT MESO/INDIRECT SYM LED HI/STD 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4586 lm 100.0%
Input Watts:	277 VAC 39.0	**Up/Dn Ratio, Efficacy (lm/W):**	32% Up / 68% Dn 117.6
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	TGSEI-14 T20190611 MLNG076

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1022	1022	1022	1022	1022	
5	1011	1018	1030	1039	1054	99
15	951	986	1057	1122	1156	299
25	847	921	1061	1174	1209	482
35	726	816	990	1102	1107	597
45	593	682	830	893	874	604
55	449	512	600	620	586	502
65	285	322	349	363	336	334
75	134	151	152	159	146	162
85	30	33	28	35	26	37
90	0	0	0	0	0	
95	7	7	10	11	13	15
105	24	29	119	396	681	209
115	72	88	260	535	700	314
125	176	194	288	469	561	294
135	208	223	284	405	457	241
145	220	233	278	353	382	183
155	227	236	260	295	305	123
165	231	233	243	254	256	69
175	228	230	232	234	233	22
180	230	230	230	230	230	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1021.6	0.0
Direct: Peak Candela & Angle (90deg)			1208.8	22.5
Spacing Criteria (0deg, 90deg, 180deg)		1.16	1.57	N/A
Indirect: Peak Candela & Angle			813.5	107.5
Indirect: Zenith Candela, Peak to Zenith			229.5	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	0.3772	0.3752	4078	0.0002
CRI (Ra), R9			81	6
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	111	111	111	111	105	105	105	93	93	93	68
1	102	98	94	90	96	92	89	82	80	77	58
2	93	86	79	74	88	81	75	72	68	64	49
3	85	75	68	62	80	71	65	64	59	54	41
4	78	67	59	52	73	63	56	57	51	46	35
5	71	59	51	45	67	56	49	51	45	40	31
6	66	53	45	39	62	51	43	46	40	35	27
7	61	48	40	34	57	46	38	42	35	31	24
8	57	44	36	30	53	42	34	38	32	27	21
9	53	40	32	27	50	38	31	35	29	24	19
10	49	37	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	880	19.2%	19.2%
0-40	1477	32.2%	32.2%
0-60	2582	56.3%	56.3%
0-90	3115	67.9%	67.9%
90-130	832	18.1%	18.1%
90-150	1257	27.4%	27.4%
90-180	1471	32.1%	32.1%
0-180	4586	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	10992	10992	10992
5	10916	11127	11385
15	10595	11777	12874
25	10059	12600	14349
35	9540	13008	14538
45	9030	12636	13304
55	8427	11250	10984
65	7243	8878	8557
75	5583	6332	6049
85	3642	3506	3198

LUMINAIRE SECTION

LEDALITE

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