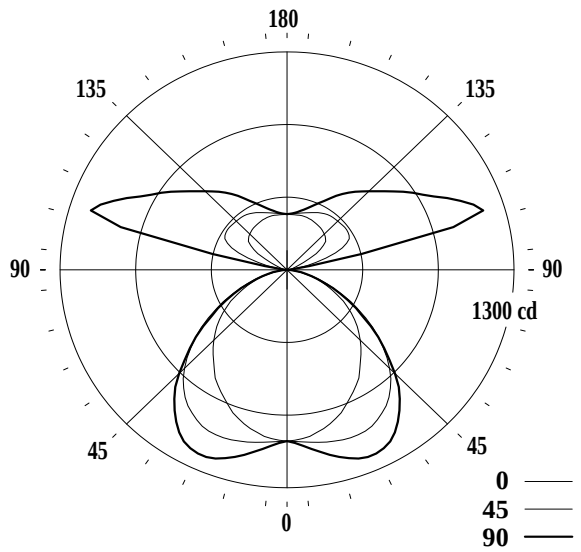
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LABQQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED DIRECT MESO/INDIRECT SYM LED HI/MID 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5246 lm 100.0%
Input Watts:	277 VAC 43.2	**Up/Dn Ratio, Efficacy (lm/W):**	41% Up / 59% Dn 121.4
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	TGSEI-15 T20190611 MLNG079

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	10	11	15	16	19	21
105	35	42	172	574	987	303
115	104	127	377	775	1013	455
125	254	281	417	679	812	426
135	302	322	411	587	662	350
145	318	338	403	512	553	265
155	329	342	377	428	441	178
165	334	338	352	368	371	101
175	331	333	336	339	338	32
180	332	332	332	332	332	

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			1178.2	107.5
Indirect: Zenith Candela, Peak to Zenith			332.4	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	0.3772	0.3752	4078	0.0002
CRI (Ra), R9			81	6
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	880	16.8%	16.8%
0-40	1477	28.2%	28.2%
0-60	2582	49.2%	49.2%
0-90	3115	59.4%	59.4%
90-130	1206	23.0%	23.0%
90-150	1820	34.7%	34.7%
90-180	2131	40.6%	40.6%
0-180	5246	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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