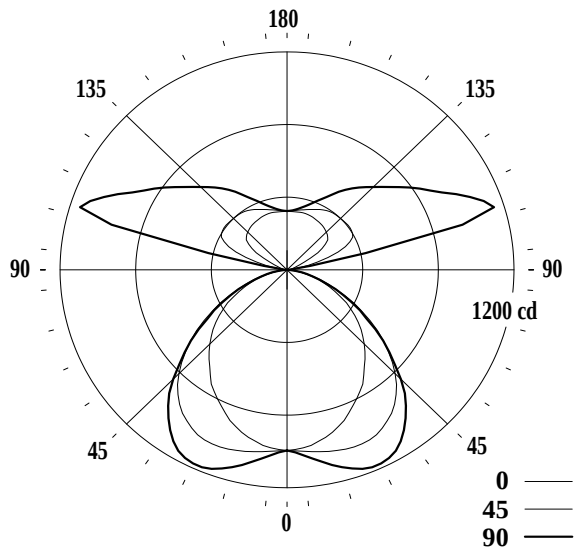
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LBBQQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED DIRECT MESO/INDIRECT SYM LED HI/MID 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5107 lm 100.0%
Input Watts:	277 VAC 43.2	**Up/Dn Ratio, Efficacy (lm/W):**	41% Up / 59% Dn 118.2
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	TGSEI-15 T20190610 MLNG078

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	995	995	995	995	995	
5	984	991	1003	1012	1026	96
15	926	960	1029	1092	1125	291
25	825	896	1033	1143	1177	469
35	707	795	964	1073	1077	581
45	578	664	808	870	851	588
55	437	499	584	603	570	489
65	277	314	340	353	327	325
75	131	147	148	155	142	157
85	29	32	28	34	25	36
90	0	0	0	0	0	
95	10	10	14	16	18	21
105	34	41	167	559	961	295
115	101	124	367	755	987	444
125	248	274	406	662	791	415
135	294	314	400	572	645	340
145	310	329	392	498	538	258
155	321	333	367	417	430	173
165	325	329	342	358	362	98
175	322	325	327	330	329	31
180	324	324	324	324	324	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			994.5	0.0
Direct: Peak Candela & Angle (90deg)			1176.8	22.5
Spacing Criteria (0deg, 90deg, 180deg)		1.16	1.57	N/A
Indirect: Peak Candela & Angle			1147.5	107.5
Indirect: Zenith Candela, Peak to Zenith			323.8	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	0.4061	0.3914	3487	0.0001
CRI (Ra), R9			82	12
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	856	16.8%	16.8%
0-40	1438	28.1%	28.1%
0-60	2514	49.2%	49.2%
0-90	3032	59.4%	59.4%
90-130	1174	23.0%	23.0%
90-150	1772	34.7%	34.7%
90-180	2075	40.6%	40.6%
0-180	5107	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	10701	10701	10701
5	10626	10832	11083
15	10314	11465	12532
25	9792	12265	13968
35	9287	12663	14152
45	8789	12300	12951
55	8204	10952	10693
65	7053	8644	8331
75	5434	6161	5891
85	3543	3407	3111

LUMINAIRE SECTION

LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003