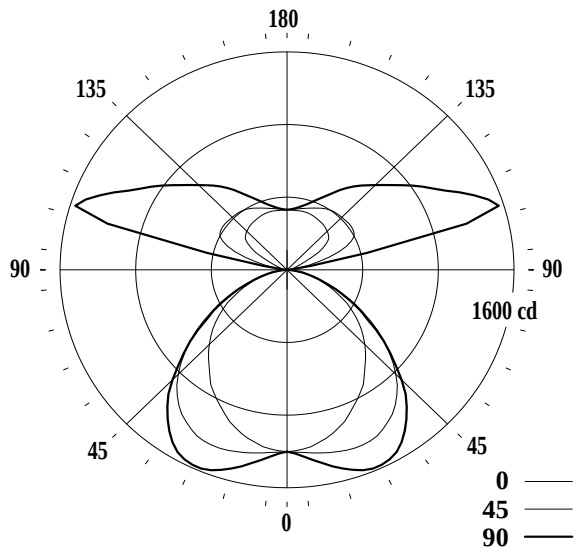
LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	**CATALOG NO:**	**29x6LAAQQ**
Lamp Type:	LED	**Description:**	TRUGROOVE SUSPENDED DIRECT MESO/INDIRECT SYM LED XHI/HI 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6900 lm 100.0%
Input Watts:	120 VAC 57.8	**Up/Dn Ratio, Efficacy (lm/W):**	41% Up / 59% Dn 119.4
CIE-IES Classification:	Direct-Indirect	**Report (Ele, Col, Photo):**	TGSEI-16 T20190611 MLNG082

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1335	1335	1335	1335	1335	
5	1321	1330	1346	1358	1377	129
15	1243	1289	1382	1466	1510	391
25	1107	1203	1387	1535	1579	630
35	949	1067	1294	1440	1446	780
45	775	891	1085	1168	1143	789
55	587	669	784	810	765	656
65	372	421	456	474	439	436
75	176	197	199	208	190	211
85	39	43	37	45	34	49
90	0	0	0	0	0	
95	14	14	20	21	25	28
105	47	56	228	762	1310	402
115	138	169	500	1030	1346	605
125	338	373	553	902	1079	566
135	401	428	546	780	880	464
145	422	449	535	680	734	352
155	437	454	500	568	586	236
165	444	449	467	488	493	133
175	439	443	446	450	449	43
180	442	442	442	442	442	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1335.0	0.0
Direct: Peak Candela & Angle (90deg)			1579.7	22.5
Spacing Criteria (0deg, 90deg, 180deg)		1.16	1.57	N/A
Indirect: Peak Candela & Angle			1565.0	107.5
Indirect: Zenith Candela, Peak to Zenith			441.6	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	57.8	0.483	6.2	0.997
277V: P(W), I(A), THD(%), PF	57.4	0.213	8.8	0.973
347V: P(W), I(A), THD(%), PF	57.6	0.171	8.2	0.971

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	88	88	88	59
1	100	96	92	88	93	90	86	78	75	73	50
2	91	84	78	72	85	78	73	68	64	61	42
3	83	74	66	60	77	69	63	60	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	51	40	33	36	30	26	18
9	51	39	31	26	48	37	30	33	27	23	16
10	48	36	28	23	45	34	27	30	24	21	15

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1149	16.7%	16.7%
0-40	1930	28.0%	28.0%
0-60	3374	48.9%	48.9%
0-90	4071	59.0%	59.0%
90-130	1601	23.2%	23.2%
90-150	2417	35.0%	35.0%
90-180	2830	41.0%	41.0%
0-180	6900	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	14365	14365	14365
5	14264	14540	14877
15	13845	15390	16823
25	13145	16465	18751
35	12467	16999	18998
45	11799	16512	17385
55	11012	14702	14353
65	9466	11602	11182
75	7296	8273	7907
85	4765	4580	4185

LUMINAIRE SECTION

LEDALITE

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