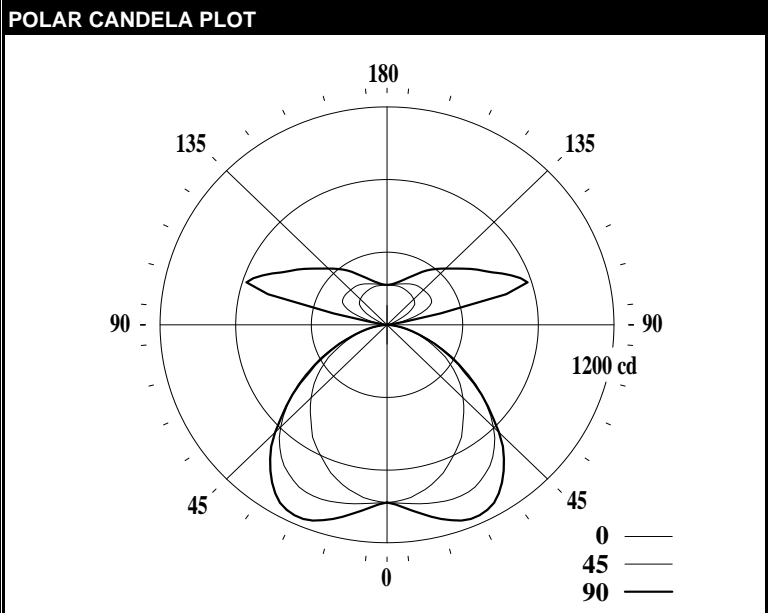


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x6LCCQQ
Lamp Type:	LED	Description:	TRUGROOVE SUSPENDED DIRECT MESO/INDIRECT SYM LED HI/STD 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4391 lm 100.0%
Input Watts:	277 VAC 39.0	Up/Dn Ratio, Efficacy (lm/W):	32% Up / 68% Dn 112.6
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	TGSEI-14 T20190608 MLNG074

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	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	7	7	10	11	12	14
105	23	28	114	379	652	200
115	69	84	249	513	670	301
125	168	186	276	449	537	282
135	200	213	272	388	438	231
145	210	224	266	338	365	175
155	218	226	249	283	292	118
165	221	224	233	243	246	66
175	219	220	222	224	223	21
180	220	220	220	220	220	



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	779.1	107.5	
Indirect: Zenith Candela, Peak to Zenith	219.8	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	0.4309	0.4003	3073 -0.0007
CRI (Ra), R9		83	10
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	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	842	19.2%	19.2%
0-40	1414	32.2%	32.2%
0-60	2472	56.3%	56.3%
0-90	2983	67.9%	67.9%
90-130	797	18.2%	18.2%
90-150	1203	27.4%	27.4%
90-180	1409	32.1%	32.1%
0-180	4391	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

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