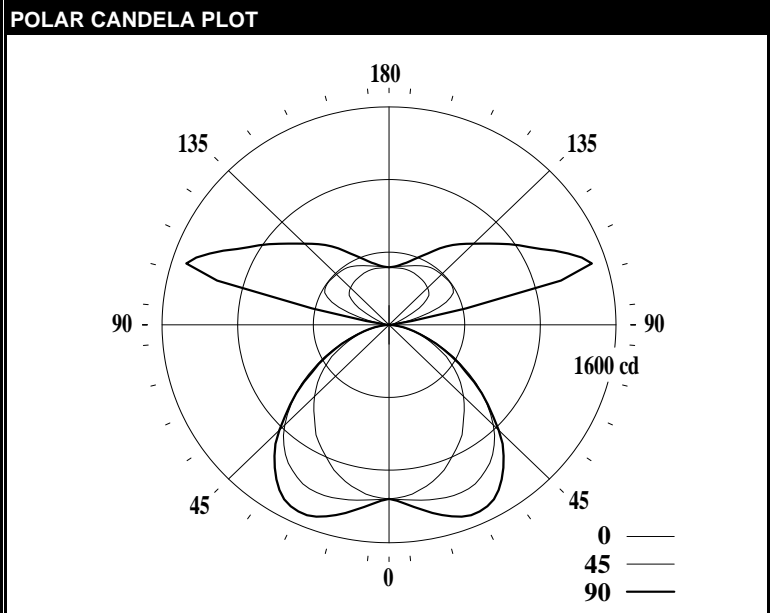


# LEDALITE - TRUGROOVE SUSPENDED

<b>TEST DATE:</b>	05 Jun 2019	<b>CATALOG NO:</b>	29x6LCAQQ
<b>Lamp Type:</b>	LED	<b>Description:</b>	TRUGROOVE SUSPENDED DIRECT MESO/INDIRECT SYM LED XHI/HI 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	6608 lm 100.0%
<b>Input Watts:</b>	120 VAC 57.8	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	41% Up / 59% Dn 114.3
<b>CIE-IES Classification:</b>	Direct-Indirect	<b>Report (Ele, Col, Photo):</b>	TGSEI-16 T20190608 MLNG080

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	1278	1278	1278	1278	1278	
5	1265	1273	1289	1301	1319	124
15	1190	1234	1323	1403	1446	374
25	1060	1152	1328	1469	1512	603
35	909	1022	1239	1379	1385	747
45	742	853	1039	1118	1094	755
55	562	641	750	775	733	628
65	356	403	436	454	421	418
75	168	188	191	199	182	202
85	37	41	36	43	32	47
90	0	0	0	0	0	
95	13	14	19	20	24	27
105	45	54	218	730	1255	385
115	132	162	479	986	1289	579
125	324	358	530	864	1033	542
135	384	410	523	747	843	445
145	405	430	512	651	703	337
155	419	435	479	544	561	226
165	425	430	447	468	472	128
175	420	424	427	431	430	41
180	423	423	423	423	423	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1278.3	0.0	
Direct: Peak Candela & Angle (90deg)	1512.5	22.5	
Spacing Criteria (0deg, 90deg, 180deg)	1.16	1.57	N/A
Indirect: Peak Candela & Angle	1498.8	107.5	
Indirect: Zenith Candela, Peak to Zenith	422.9	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	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	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	1101	16.7%	16.7%
0-40	1848	28.0%	28.0%
0-60	3231	48.9%	48.9%
0-90	3898	59.0%	59.0%
90-130	1534	23.2%	23.2%
90-150	2315	35.0%	35.0%
90-180	2710	41.0%	41.0%
0-180	6608	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	13755	13755	13755
5	13658	13923	14246
15	13257	14735	16108
25	12586	15765	17953
35	11938	16276	18190
45	11297	15810	16646
55	10543	14075	13743
65	9064	11108	10709
75	6984	7920	7571
85	4556	4383	4000

LUMINAIRE SECTION	



**LEDALITE**

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