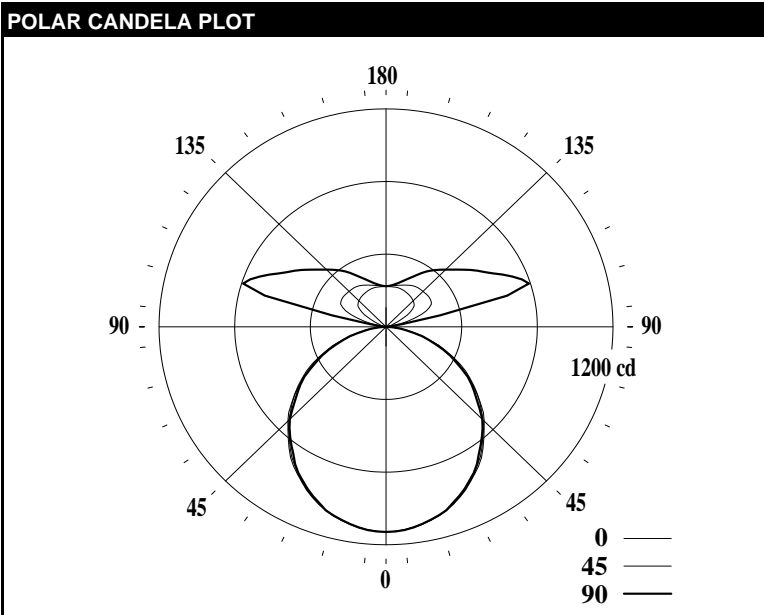


LEDALITE - TRUGROOVE SUSPENDED

TEST DATE:	05 Jun 2019	CATALOG NO:	29x6LBCLQ
Lamp Type:	LED	Description:	TRUGROOVE SUSPENDED DIRECT SILK/INDIRECT SYM LED HI/STD 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4561 lm 100.0%
Input Watts:	277 VAC 39.0	Up/Dn Ratio, Efficacy (lm/W):	31% Up / 69% Dn 116.9
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	TGSEI-14 T20190610 MLNG091

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1129	1129	1129	1129	1129	
5	1121	1125	1123	1125	1123	107
15	1078	1082	1076	1079	1075	304
25	993	998	989	989	984	457
35	879	882	871	873	855	546
45	734	741	726	728	720	563
55	568	576	560	567	552	505
65	389	392	376	385	375	381
75	196	217	193	202	197	213
85	41	50	40	47	43	54
90	0	0	0	0	0	
95	7	7	10	11	13	14
105	24	28	115	386	663	204
115	70	86	253	521	681	306
125	171	189	280	457	546	287
135	203	217	276	395	445	235
145	214	227	271	344	372	178
155	221	230	253	288	297	120
165	225	227	236	247	250	68
175	222	224	226	228	227	22
180	224	224	224	224	224	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1129.4		0.0
Direct: Peak Candela & Angle (90deg)	1129.4		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.24	1.22	N/A
Indirect: Peak Candela & Angle	792.3		107.5
Indirect: Zenith Candela, Peak to Zenith	223.5		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	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		

RCR	0	112	112	112	112	105	105	105	94	94	94	69
1	102	97	93	90	96	92	88	82	79	77	58	
2	93	85	78	73	87	80	75	72	67	63	48	
3	84	74	67	61	79	71	64	63	58	53	40	
4	77	66	58	51	73	62	55	56	50	45	34	
5	71	59	50	44	67	56	48	50	44	39	30	
6	65	53	44	38	61	50	42	45	39	34	26	
7	60	48	39	34	57	45	38	41	35	30	23	
8	56	43	35	30	53	41	34	37	31	27	21	
9	52	40	32	27	49	38	31	34	28	24	18	
10	49	36	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	868	19.0%	19.0%
0-40	1414	31.0%	31.0%
0-60	2481	54.4%	54.4%
0-90	3129	68.6%	68.6%
90-130	811	17.8%	17.8%
90-150	1224	26.8%	26.8%
90-180	1433	31.4%	31.4%
0-180	4561	100.0%	100.0%

AVG LUMINANCE (cd/m²)			
	0	45	90
0	12152	12152	12152
5	12110	12131	12133
15	12008	11990	11973
25	11788	11738	11679
35	11550	11437	11231
45	11169	11047	10949
55	10657	10496	10361
65	9896	9565	9535
75	8136	8015	8190
85	5049	4877	5309

LUMINAIRE SECTION	



LEDALITE

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