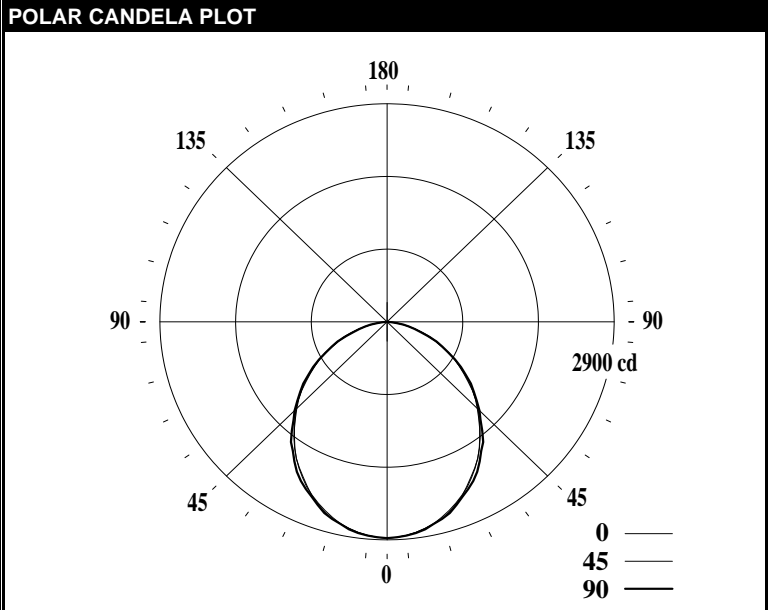


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	4224x1STL82775AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SILKSPACE DEFINITION 2X4 7500LM 827
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	7134 lm 100.0%
<b>Input Watts:</b>	120 VAC 58.6	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 121.7
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00508

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2877	2877	2877	2877	2877	
5	2850	2859	2852	2861	2853	271
15	2710	2708	2692	2722	2714	763
25	2412	2454	2425	2477	2454	1126
35	2053	2109	2056	2122	2097	1307
45	1630	1673	1646	1711	1668	1286
55	1195	1241	1215	1255	1226	1098
65	766	809	762	805	778	781
75	384	403	372	394	364	408
85	70	85	68	77	55	94
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	2877.2		0.0
Direct: Peak Candela & Angle (90deg)	2877.2		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.17	1.19	N/A
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A	
Luminous Length, Width, Height (ft)	3.90	1.91	0.00
UGR (4H x 8H, 0.25H)			N/A
Ballast Factor, Multiplication Factor	1.000		1.000
DLC (120/277), DLC (347)		premium	premium
x, y, CCT, Duv	0.4554	0.4074	2737 0.0008
CRI (Ra), R9			82 6
120V: P(W), I(A), THD(%), PF	58.6	0.491	9.0 0.995
277V: P(W), I(A), THD(%), PF	58.1	0.213	10.0 0.987
347V: P(W), I(A), THD(%), PF	58.3	0.173	9.6 0.973

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	119	119	119	119	116	116	116	111	111	111	100	
	1	109	105	101	97	107	103	99	98	95	93	85	
	2	100	92	85	80	97	90	84	87	82	77	72	
	3	91	81	73	67	89	80	72	77	70	65	61	
	4	84	72	64	57	82	71	63	68	62	56	52	
	5	77	65	56	50	75	64	55	62	54	49	46	
	6	71	58	50	43	70	58	49	56	48	43	40	
	7	66	53	45	39	65	52	44	51	44	38	36	
	8	62	49	40	35	60	48	40	47	39	34	32	
	9	58	45	37	31	56	44	36	43	36	31	29	
	10	54	41	34	28	53	41	33	40	33	28	26	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	2160	30.3%	30.3%
0-40	3467	48.6%	48.6%
0-60	5851	82.0%	82.0%
0-90	7134	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	7134	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	4156	4156	4156
5	4133	4135	4137
15	4052	4025	4058
25	3844	3864	3911
35	3621	3626	3698
45	3330	3362	3408
55	3009	3059	3086
65	2620	2603	2659
75	2143	2074	2034
85	1165	1119	915

LUMINAIRE SECTION	



**LEDALITE**

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