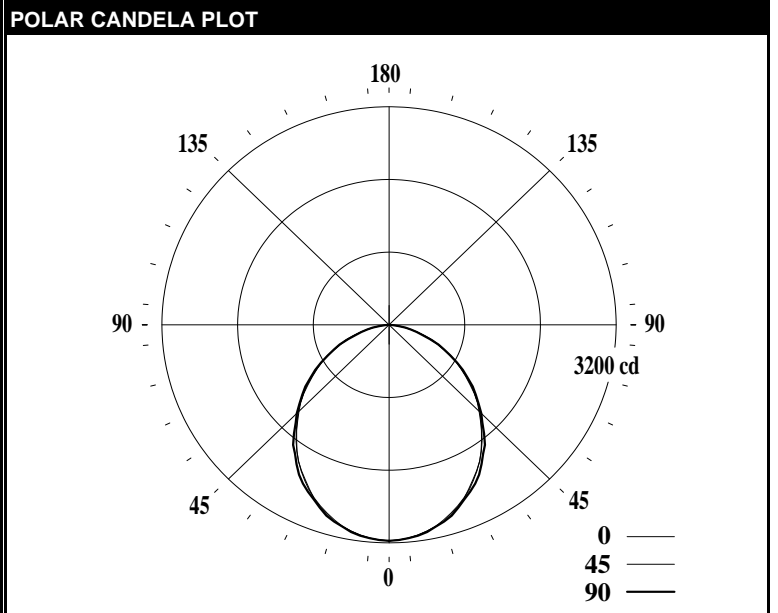


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	4224x1STL83080AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SILKSPACE DEFINITION 2X4 8000LM 830
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	7860 lm 100.0%
<b>Input Watts:</b>	120 VAC 62.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 125.8
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00518

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	3170	3170	3170	3170	3170	
5	3140	3150	3142	3152	3144	298
15	2986	2984	2966	2999	2990	841
25	2657	2703	2671	2729	2703	1241
35	2262	2323	2265	2338	2310	1440
45	1796	1843	1813	1885	1838	1417
55	1317	1367	1338	1383	1350	1210
65	844	891	839	886	857	860
75	423	444	410	434	402	450
85	78	94	74	85	61	103
90	0	0	0	0	0	
95	0	0	0	0	0	
105	0	0	0	0	0	
115	0	0	0	0	0	
125	0	0	0	0	0	
135	0	0	0	0	0	
145	0	0	0	0	0	
155	0	0	0	0	0	
165	0	0	0	0	0	
175	0	0	0	0	0	
180	0	0	0	0	0	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	3170.0	0.0	
Direct: Peak Candela & Angle (90deg)	3170.0	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	0.4288	0.4004	3112 0.0003
CRI (Ra), R9			83 11
120V: P(W), I(A), THD(%), PF	62.5	0.522	8.2 0.996
277V: P(W), I(A), THD(%), PF	61.7	0.226	9.3 0.985
347V: P(W), I(A), THD(%), PF	62.4	0.184	9.1 0.977

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	2380	30.3%	30.3%
0-40	3819	48.6%	48.6%
0-60	6446	82.0%	82.0%
0-90	7860	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	7860	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	4579	4579	4579
5	4554	4555	4559
15	4465	4435	4471
25	4235	4258	4309
35	3989	3994	4074
45	3668	3704	3755
55	3315	3371	3400
65	2886	2868	2929
75	2361	2285	2241
85	1284	1233	1008

LUMINAIRE SECTION



**LEDALITE**

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