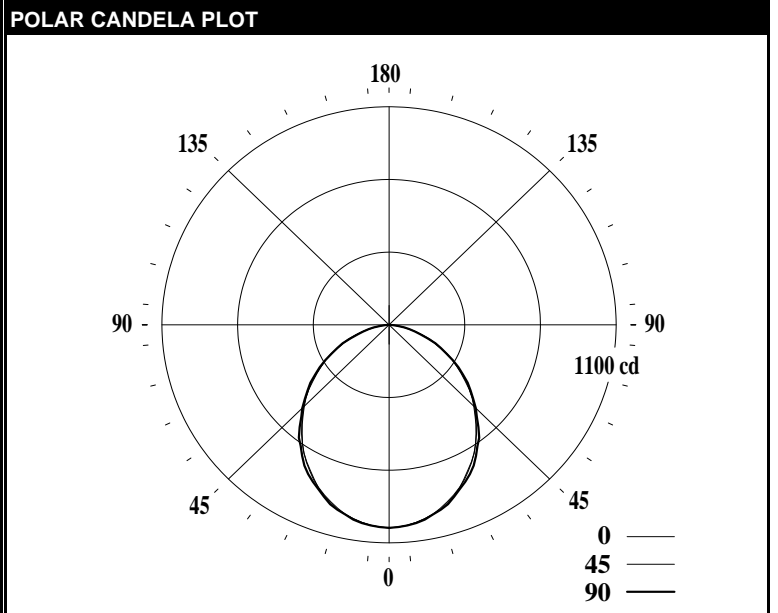


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	4222x1STL84025AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SILKSPACE DEFINITION 2X2 2500LM 840
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	2540 lm 100.0%
<b>Input Watts:</b>	120 VAC 19.2	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 132.3
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00448

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1024	1024	1024	1024	1024	
5	1015	1018	1015	1019	1016	96
15	965	964	958	969	966	272
25	859	874	863	882	874	401
35	731	751	732	756	747	465
45	580	595	586	609	594	458
55	425	442	433	447	436	391
65	273	288	271	286	277	278
75	137	144	132	140	130	145
85	25	30	24	27	20	33
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	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	1024.3	0.0	
Direct: Peak Candela & Angle (90deg)	1024.3	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)	1.90	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	0.3794	0.3781	4040 0.0010
CRI (Ra), R9	82		10
120V: P(W), I(A), THD(%), PF	19.2	0.161	8.3 0.994
277V: P(W), I(A), THD(%), PF	19.2	0.073	12.2 0.956
347V: P(W), I(A), THD(%), PF	19.9	0.059	10.3 0.971

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	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

**LEDALITE**

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 19750 - 92A Avenue  
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 604-888-2003

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	769	30.3%	30.3%
0-40	1234	48.6%	48.6%
0-60	2083	82.0%	82.0%
0-90	2540	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	2540	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3037	3037	3037
5	3020	3021	3023
15	2961	2942	2966
25	2809	2824	2858
35	2646	2649	2702
45	2433	2456	2490
55	2199	2236	2255
65	1914	1902	1943
75	1566	1516	1486
85	850	816	667

