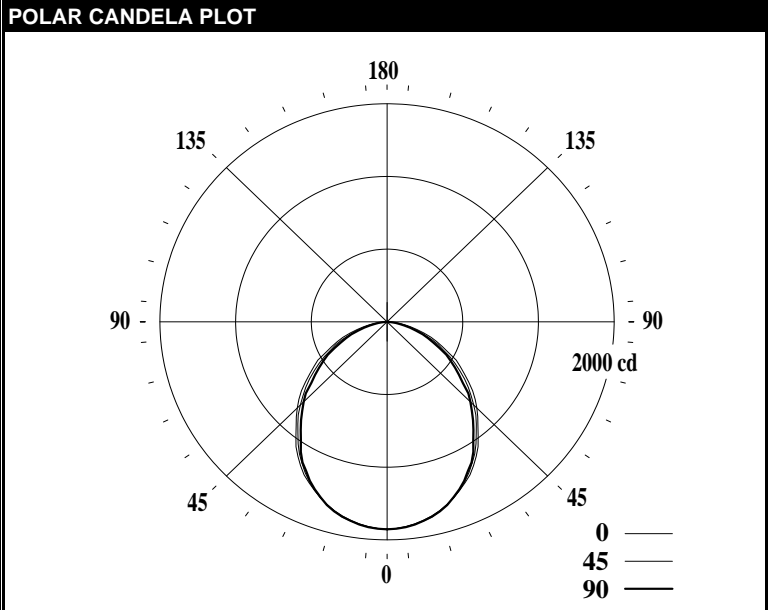


LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	CATALOG NO:	4214x1STL85045AxDE
Lamp Type:	LED	Description:	SILKSPACE DEFINITION 1X4 4500LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4679 lm 100.0%
Input Watts:	120 VAC 41.6	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 112.5
CIE-IES Classification:	Direct	Report:	LNG00494


CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1903	1903	1903	1903	1903	
5	1886	1894	1888	1892	1891	179
15	1793	1810	1797	1806	1799	508
25	1627	1648	1617	1629	1609	749
35	1398	1422	1366	1362	1324	860
45	1118	1139	1080	1063	1038	841
55	830	841	783	767	730	710
65	537	550	499	494	449	503
75	274	276	236	235	208	264
85	67	69	48	51	37	65
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)	1903.2	0.0	
Direct: Peak Candela & Angle (90deg)	1903.2	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.19	1.17	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	0.91	0.00
UGR (4H x 8H, 0.25H)			N/A
Ballast Factor, Multiplication Factor	1.000	1.000	
DLC (120/277), DLC (347)	standard	standard	
x, y, CCT, Duv	0.3425	0.3523	5101 0.0014
CRI (Ra), R9		82	13
120V: P(W), I(A), THD(%), PF	41.6	0.349	7.5 0.994
277V: P(W), I(A), THD(%), PF	41.5	0.158	9.8 0.947
347V: P(W), I(A), THD(%), PF	41.3	0.123	7.4 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	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	86	80	97	90	84	87	82	77	72		
3	91	81	73	67	89	80	72	77	71	65	61		
4	84	72	64	57	82	71	63	69	62	56	53		
5	77	65	56	50	75	64	56	62	55	49	46		
6	72	59	50	44	70	58	50	56	49	43	40		
7	67	53	45	39	65	53	44	51	44	38	36		
8	62	49	41	35	61	48	40	47	40	34	32		
9	58	45	37	31	57	44	37	43	36	31	29		
10	54	42	34	29	53	41	34	40	33	28	26		

*Based on a floor reflectance of 0.2



LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
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Fax: 800-665-5332
604-888-2003

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1436	30.7%	30.7%
0-40	2297	49.1%	49.1%
0-60	3848	82.2%	82.2%
0-90	4679	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	4679	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5770	5770	5770
5	5738	5746	5755
15	5628	5639	5648
25	5444	5409	5382
35	5175	5054	4900
45	4794	4630	4451
55	4389	4139	3859
65	3852	3581	3224
75	3205	2766	2438
85	2324	1684	1291

LUMINAIRE SECTION	