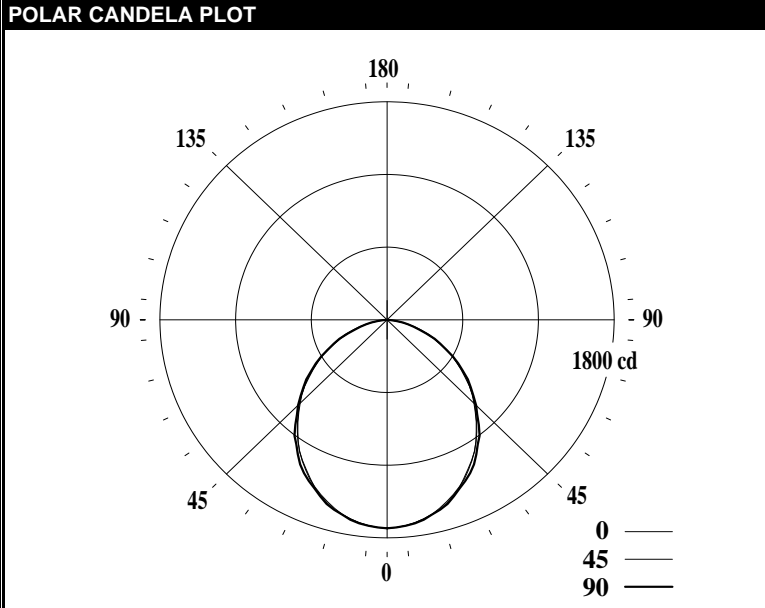


LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	CATALOG NO:	4224x1STL82745AxDE
Lamp Type:	LED	Description:	SILKSPACE DEFINITION 2X4 4500LM 827
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4266 lm 100.0%
Input Watts:	120 VAC 33.3	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 128.1
CIE-IES Classification:	Direct	Report:	LNG00502


CANDELA DISTRIBUTION						
	0	22.5	45	67.5	90	Flux Lumens
0	1721	1721	1721	1721	1721	
5	1705	1710	1705	1711	1706	162
15	1621	1620	1610	1628	1623	456
25	1442	1467	1450	1481	1467	673
35	1228	1261	1230	1269	1254	781
45	975	1000	984	1023	998	769
55	715	742	727	751	733	657
65	458	484	456	481	465	467
75	230	241	222	236	218	244
85	42	51	40	46	33	56
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)	1720.6	0.0	
Direct: Peak Candela & Angle (90deg)	1720.6	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	33.3	0.279	6.0 0.995
277V: P(W), I(A), THD(%), PF	33.2	0.125	8.7 0.958
347V: P(W), I(A), THD(%), PF	33.9	0.101	7.1 0.967

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

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

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1292	30.3%	30.3%
0-40	2073	48.6%	48.6%
0-60	3499	82.0%	82.0%
0-90	4266	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	4266	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2485	2485	2485
5	2472	2473	2474
15	2423	2407	2427
25	2299	2311	2339
35	2165	2168	2211
45	1991	2010	2038
55	1800	1830	1845
65	1566	1557	1590
75	1282	1241	1216
85	696	670	547

LUMINAIRE SECTION												