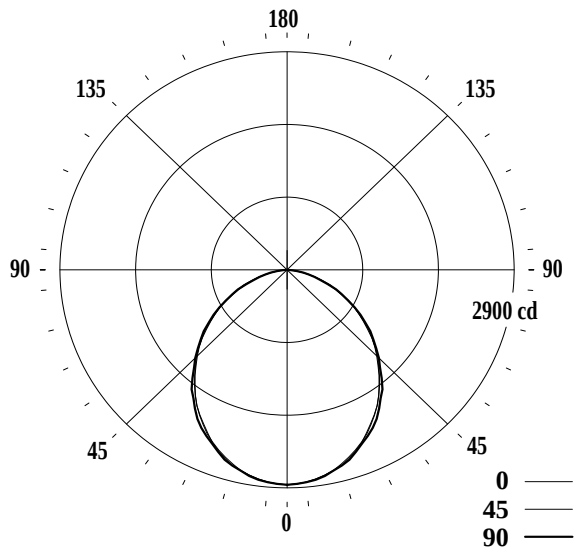
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4224x1STL83570AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X4 7000LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	7089 lm 100.0%
Input Watts:	120 VAC 54.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 130.8
CIE-IES Classification:	Direct	**Report:**	LNG00525

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2859	2859	2859	2859	2859	
5	2832	2841	2833	2843	2835	269
15	2693	2691	2675	2705	2697	758
25	2397	2438	2409	2461	2438	1119
35	2040	2095	2043	2109	2084	1298
45	1620	1662	1635	1700	1658	1278
55	1187	1233	1207	1247	1218	1091
65	762	804	757	799	773	776
75	382	401	369	392	362	406
85	70	85	67	77	55	93
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	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			2859.0	0.0
Direct: Peak Candela & Angle (90deg)			2859.0	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)				19.7
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			premium	premium
x, y, CCT ,Duv	0.4061	0.3934	3505	0.0010
CRI (Ra), R9			82	9
120V: P(W), I(A), THD(%), PF	54.2	0.452	5.7	0.998
277V: P(W), I(A), THD(%), PF	53.9	0.202	8.1	0.964
347V: P(W), I(A), THD(%), PF	53.4	0.157	5.4	0.980

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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	2146	30.3%	30.3%
0-40	3445	48.6%	48.6%
0-60	5814	82.0%	82.0%
0-90	7089	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	7089	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4130	4130	4130
5	4107	4108	4111
15	4027	4000	4032
25	3820	3840	3886
35	3598	3603	3674
45	3309	3340	3387
55	2990	3040	3067
65	2603	2587	2642
75	2130	2061	2021
85	1158	1112	908

LUMINAIRE SECTION

LEDALITE

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