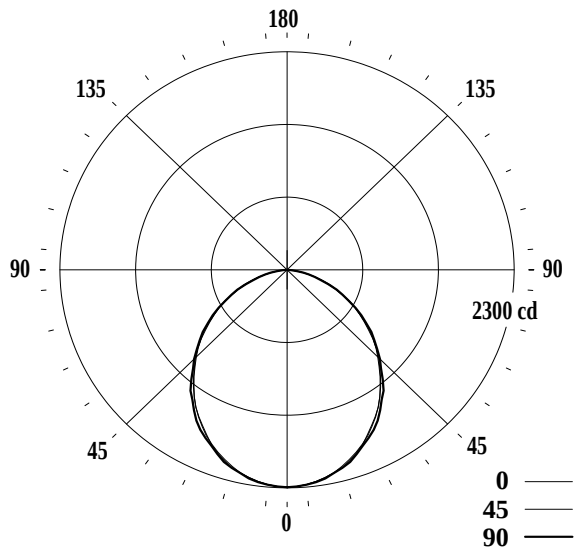
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4224x1STL84055AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X4 5500LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5687 lm 100.0%
Input Watts:	120 VAC 41.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 137.7
CIE-IES Classification:	Direct	**Report:**	LNG00531

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2294	2294	2294	2294	2294	
5	2272	2280	2273	2281	2275	216
15	2160	2159	2146	2170	2163	609
25	1923	1956	1933	1975	1956	898
35	1637	1681	1639	1692	1672	1042
45	1299	1333	1312	1364	1330	1026
55	953	990	969	1001	977	875
65	611	645	607	641	620	622
75	306	322	296	314	291	326
85	56	68	54	61	44	75
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)			2293.8	0.0
Direct: Peak Candela & Angle (90deg)			2293.8	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	0.3794	0.3781	4040	0.0010
CRI (Ra), R9			82	10
120V: P(W), I(A), THD(%), PF	41.3	0.346	7.5	0.994
277V: P(W), I(A), THD(%), PF	41.2	0.157	9.9	0.946
347V: P(W), I(A), THD(%), PF	41.0	0.122	7.4	0.970

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	1722	30.3%	30.3%
0-40	2764	48.6%	48.6%
0-60	4665	82.0%	82.0%
0-90	5687	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	5687	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3313	3313	3313
5	3295	3296	3298
15	3231	3209	3235
25	3065	3081	3118
35	2886	2890	2948
45	2654	2680	2717
55	2399	2439	2460
65	2088	2075	2119
75	1709	1654	1621
85	928	892	729

LUMINAIRE SECTION

LEDALITE

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