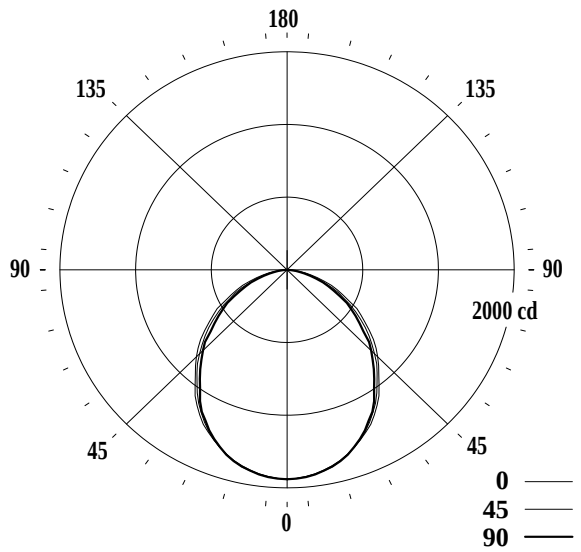
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4214x1STL84045AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 1X4 4500LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4723 lm 100.0%
Input Watts:	120 VAC 41.6	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 113.5
CIE-IES Classification:	Direct	**Report:**	LNG00488

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1921	1921	1921	1921	1921	
5	1903	1911	1906	1910	1908	181
15	1810	1827	1813	1823	1816	513
25	1643	1664	1632	1644	1624	756
35	1411	1435	1378	1374	1336	868
45	1129	1149	1090	1073	1048	849
55	838	848	790	774	737	717
65	542	555	504	499	454	508
75	276	278	238	237	210	266
85	67	70	49	51	37	66
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)			1920.9	0.0
Direct: Peak Candela & Angle (90deg)			1920.9	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	0.3794	0.3781	4040	0.0010
CRI (Ra), R9			82	10
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
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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1449	30.7%	30.7%
0-40	2318	49.1%	49.1%
0-60	3883	82.2%	82.2%
0-90	4723	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	4723	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5824	5824	5824
5	5792	5799	5808
15	5680	5691	5700
25	5495	5460	5432
35	5223	5101	4946
45	4839	4673	4492
55	4430	4177	3895
65	3888	3615	3254
75	3235	2791	2460
85	2345	1701	1301

LUMINAIRE SECTION

LEDALITE

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