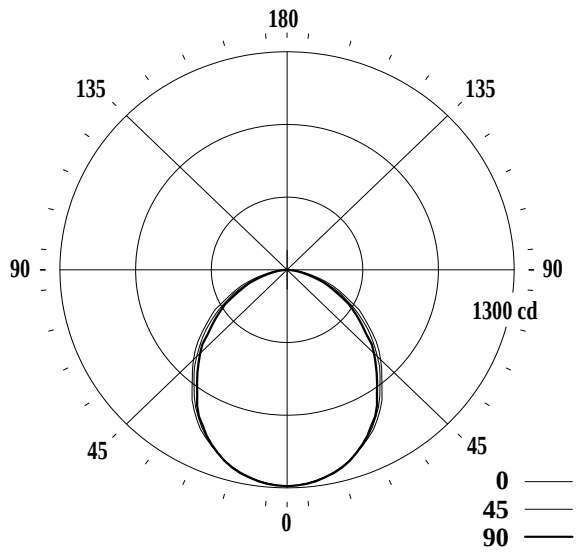
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4214x1STL84030AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 1X4 3000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3171 lm 100.0%
Input Watts:	120 VAC 26.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 118.8
CIE-IES Classification:	Direct	**Report:**	LNG00485

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1290	1290	1290	1290	1290	
5	1278	1283	1279	1282	1281	122
15	1215	1227	1217	1224	1219	344
25	1103	1117	1096	1104	1090	508
35	948	963	925	923	897	583
45	758	772	732	721	704	570
55	563	570	531	520	495	481
65	364	373	338	335	305	341
75	185	187	160	159	141	179
85	45	47	33	34	25	44
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)			1289.8	0.0
Direct: Peak Candela & Angle (90deg)			1289.8	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	26.7	0.224	9.6	0.992
277V: P(W), I(A), THD(%), PF	26.6	0.102	9.6	0.937
347V: P(W), I(A), THD(%), PF	27.2	0.082	8.5	0.950

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	973	30.7%	30.7%
0-40	1556	49.1%	49.1%
0-60	2607	82.2%	82.2%
0-90	3171	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	3171	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3910	3910	3910
5	3889	3894	3900
15	3814	3821	3827
25	3689	3666	3647
35	3507	3425	3321
45	3249	3138	3016
55	2974	2805	2615
65	2611	2427	2184
75	2172	1874	1652
85	1572	1141	873

LUMINAIRE SECTION

LEDALITE

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