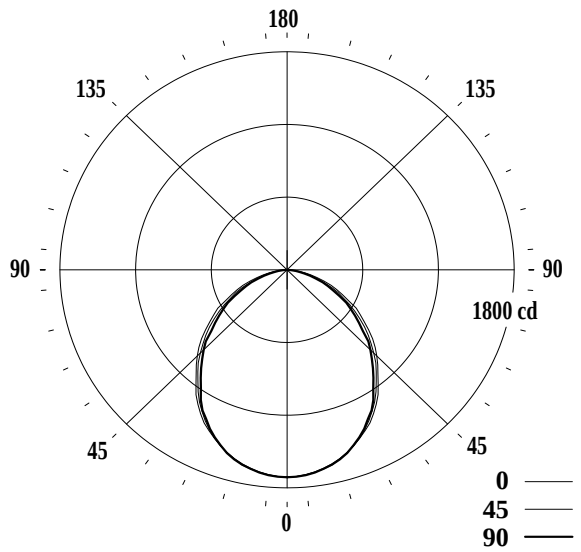
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4214x1STL84040AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 1X4 4000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4211 lm 100.0%
Input Watts:	120 VAC 36.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 115.7
CIE-IES Classification:	Direct	**Report:**	LNG00487

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1713	1713	1713	1713	1713	
5	1697	1704	1699	1703	1702	162
15	1614	1629	1617	1625	1619	457
25	1465	1483	1455	1466	1448	674
35	1258	1279	1229	1225	1192	774
45	1006	1025	972	957	934	757
55	747	756	705	690	657	639
65	483	495	449	445	404	453
75	246	248	213	211	187	237
85	60	62	44	46	33	59
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)			1712.8	0.0
Direct: Peak Candela & Angle (90deg)			1712.8	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	36.4	0.304	6.6	0.997
277V: P(W), I(A), THD(%), PF	36.3	0.136	8.6	0.966
347V: P(W), I(A), THD(%), PF	37.1	0.110	6.6	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	1292	30.7%	30.7%
0-40	2067	49.1%	49.1%
0-60	3463	82.2%	82.2%
0-90	4211	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	4211	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5193	5193	5193
5	5164	5171	5179
15	5065	5075	5083
25	4899	4868	4843
35	4657	4548	4410
45	4315	4167	4006
55	3950	3724	3473
65	3466	3223	2901
75	2885	2489	2194
85	2091	1517	1162

LUMINAIRE SECTION

LEDALITE

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