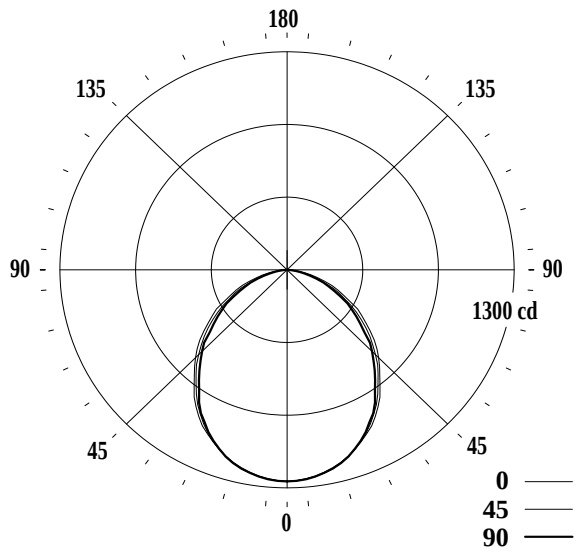
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4214x1STL83530AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 1X4 3000LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3102 lm 100.0%
Input Watts:	120 VAC 26.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 116.2
CIE-IES Classification:	Direct	**Report:**	LNG00479

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1262	1262	1262	1262	1262	
5	1250	1255	1252	1254	1254	119
15	1189	1200	1191	1197	1193	337
25	1079	1093	1072	1080	1067	497
35	927	942	905	903	878	570
45	741	755	716	705	688	557
55	551	557	519	508	484	471
65	356	365	331	328	298	334
75	181	183	157	156	138	175
85	44	46	32	34	25	43
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)			1261.7	0.0
Direct: Peak Candela & Angle (90deg)			1261.7	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)				19.8
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			standard	standard
x, y, CCT ,Duv	0.4061	0.3934	3505	0.0010
CRI (Ra), R9			82	9
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	952	30.7%	30.7%
0-40	1523	49.1%	49.1%
0-60	2551	82.2%	82.2%
0-90	3102	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	3102	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3825	3825	3825
5	3804	3809	3815
15	3731	3738	3744
25	3609	3586	3568
35	3431	3350	3249
45	3178	3070	2951
55	2910	2744	2558
65	2554	2375	2137
75	2125	1833	1617
85	1541	1117	856

LUMINAIRE SECTION

LEDALITE

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