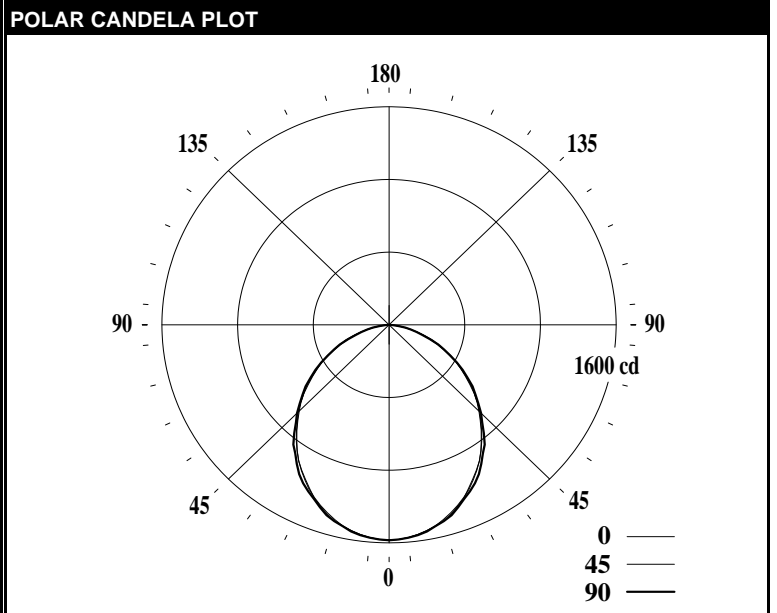


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	4222x1STL83040AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SILKSPACE DEFINITION 2X2 4000LM 830
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3920 lm 100.0%
<b>Input Watts:</b>	120 VAC 32.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 120.6
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00439

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1581	1581	1581	1581	1581	
5	1566	1571	1567	1572	1568	149
15	1489	1488	1479	1496	1491	419
25	1325	1348	1332	1361	1348	619
35	1128	1159	1130	1166	1152	718
45	896	919	904	940	917	707
55	657	682	668	690	673	603
65	421	445	419	442	427	429
75	211	222	204	217	200	224
85	39	47	37	42	30	52
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	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	1580.9	0.0	
Direct: Peak Candela & Angle (90deg)	1580.9	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)	1.90	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)	standard	standard	
x, y, CCT, Duv	0.4288	0.4004	3112 0.0003
CRI (Ra), R9			83 11
120V: P(W), I(A), THD(%), PF	32.5	0.273	7.6 0.995
277V: P(W), I(A), THD(%), PF	32.5	0.123	8.8 0.956
347V: P(W), I(A), THD(%), PF	33.2	0.099	7.3 0.965

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	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	1187	30.3%	30.3%
0-40	1905	48.6%	48.6%
0-60	3215	82.0%	82.0%
0-90	3920	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	3920	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	4687	4687	4687
5	4662	4663	4667
15	4570	4540	4577
25	4336	4358	4411
35	4083	4089	4171
45	3755	3791	3844
55	3394	3451	3481
65	2954	2936	2999
75	2417	2339	2293
85	1313	1262	1031

LUMINAIRE SECTION	



**LEDALITE**

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