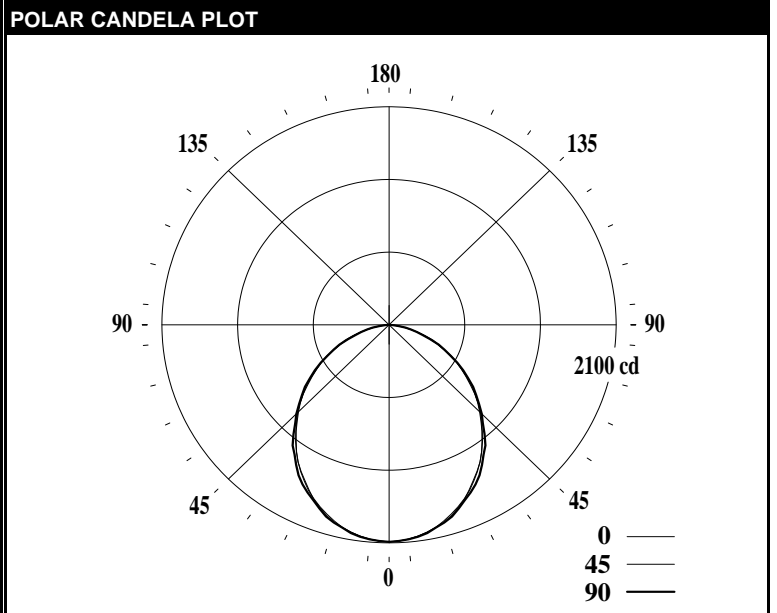


LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	CATALOG NO:	4224x1STL84050AxDE
Lamp Type:	LED	Description:	SILKSPACE DEFINITION 2X4 5000LM 840
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	5183 lm 100.0%
Input Watts:	120 VAC 37.2	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 139.3
CIE-IES Classification:	Direct	Report:	LNG00530

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2090	2090	2090	2090	2090	
5	2071	2077	2072	2079	2073	197
15	1969	1968	1956	1978	1972	555
25	1752	1783	1762	1799	1783	818
35	1492	1532	1494	1542	1524	949
45	1184	1215	1196	1243	1212	935
55	868	902	883	912	890	798
65	557	588	553	585	565	567
75	279	293	270	286	265	297
85	51	62	49	56	40	68
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)	2090.4	0.0	
Direct: Peak Candela & Angle (90deg)	2090.4	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)	3.90	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)	premium	premium	
x, y, CCT, Duv	0.3794	0.3781	4040 0.0010
CRI (Ra), R9			82 10
120V: P(W), I(A), THD(%), PF	37.2	0.311	6.3 0.997
277V: P(W), I(A), THD(%), PF	37.2	0.139	8.6 0.967
347V: P(W), I(A), THD(%), PF	37.9	0.112	6.5 0.972

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	1569	30.3%	30.3%
0-40	2519	48.6%	48.6%
0-60	4251	82.0%	82.0%
0-90	5183	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	5183	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3020	3020	3020
5	3003	3004	3006
15	2944	2925	2948
25	2793	2808	2841
35	2630	2634	2687
45	2419	2442	2476
55	2186	2223	2242
65	1903	1891	1931
75	1557	1507	1478
85	847	812	665

LUMINAIRE SECTION	



LEDALITE

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