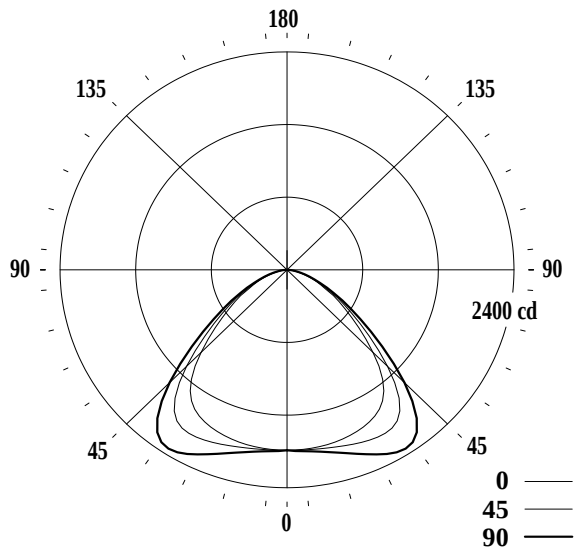
LEDALITE - SILKSPACE

TEST DATE:	22 Jun 2016	**CATALOG NO:**	**4224xxxxL8AC**
Lamp Type:	LED	**Description:**	SILKSPACE 2X4 5200LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5575 lm 100.0%
Input Watts:	120 VAC 46.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 119.9
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1225 F36629Color F36628

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1988	1988	1988	1988	1988	
5	1984	1981	1991	1998	2005	190
15	1963	1974	2019	2063	2084	574
25	1910	1949	2069	2193	2243	958
35	1762	1832	2031	2240	2318	1259
45	1285	1341	1503	1679	1755	1158
55	749	771	837	910	947	764
65	397	403	423	442	467	430
75	167	170	181	190	197	196
85	31	33	39	43	46	46
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)			1988.0	0.0
Direct: Peak Candela & Angle (90deg)			2334.0	32.5
Spacing Criteria (0deg, 90deg, 180deg)		1.37	1.65	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)		3.9000	1.8900	0.0000
UGR (4H x 8H, 0.25H)				17.3
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3933	0.3920	3787	0.0035
CRI (Ra), R9			82	0
120V: P(W), I(A), THD(%), PF	46.5	0.389	6.1	0.995
277V: P(W), I(A), THD(%), PF	46.0	0.174	10.5	0.954
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A	N/A

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	110	106	102	99	108	104	100	100	97	94	87
2	101	94	88	83	99	92	87	89	84	80	74
3	93	84	76	70	91	82	75	79	73	68	64
4	86	75	67	60	84	73	66	71	64	59	56
5	79	67	59	53	77	66	58	64	57	52	49
6	73	61	52	46	71	60	52	58	51	46	43
7	68	55	47	41	66	54	46	53	46	40	38
8	63	50	42	37	62	50	42	48	41	36	34
9	59	46	38	33	58	46	38	44	38	33	31
10	55	43	35	30	54	42	35	41	34	30	28

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1722	30.9%	30.9%
0-40	2981	53.5%	53.5%
0-60	4903	88.0%	88.0%
0-90	5575	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	5575	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2902	2902	2902
5	2908	2918	2937
15	2967	3051	3150
25	3076	3332	3612
35	3139	3620	4130
45	2653	3102	3622
55	1905	2129	2411
65	1370	1460	1613
75	941	1021	1109
85	523	647	775

LUMINAIRE SECTION

LEDALITE

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