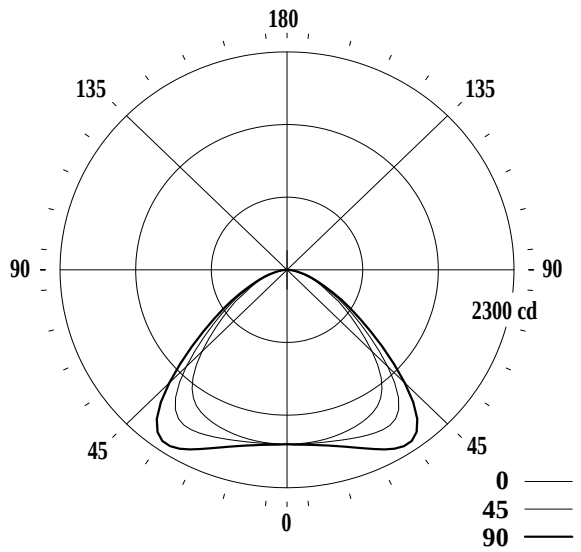
LEDALITE - SILKSPACE

TEST DATE:	23 Jun 2016	**CATALOG NO:**	**4224xxxxL8CC**
Lamp Type:	LED	**Description:**	SILKSPACE 2X4 5200LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5267 lm 100.0%
Input Watts:	120 VAC 46.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 112.5
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1225 F36635Color F36634

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1840	1840	1840	1840	1840	
5	1839	1836	1843	1848	1853	176
15	1822	1831	1870	1908	1926	531
25	1780	1816	1926	2041	2087	893
35	1655	1721	1919	2125	2204	1191
45	1218	1275	1444	1622	1688	1109
55	711	736	805	875	904	730
65	375	382	404	423	430	408
75	157	162	172	182	186	186
85	29	32	37	41	43	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)			1840.2	0.0
Direct: Peak Candela & Angle (90deg)			2206.4	32.5
Spacing Criteria (0deg, 90deg, 180deg)		1.39	1.68	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)				17.2
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4421	0.4118	2976	0.0022
CRI (Ra), R9			81	-2
120V: P(W), I(A), THD(%), PF	46.8	0.392	6.1	0.995
277V: P(W), I(A), THD(%), PF	46.3	0.175	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	86	89	84	80	74
3	93	83	76	70	91	82	75	79	73	68	64
4	86	75	66	60	83	73	66	71	64	59	55
5	79	67	59	52	77	66	58	64	57	51	48
6	73	60	52	46	71	60	52	58	51	45	43
7	68	55	47	41	66	54	46	53	45	40	38
8	63	50	42	36	62	49	42	48	41	36	34
9	59	46	38	33	58	45	38	44	37	32	30
10	55	42	35	30	54	42	34	41	34	29	27

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1601	30.4%	30.4%
0-40	2791	53.0%	53.0%
0-60	4630	87.9%	87.9%
0-90	5267	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	5267	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2686	2686	2686
5	2694	2701	2715
15	2753	2826	2910
25	2867	3102	3361
35	2948	3419	3928
45	2515	2980	3485
55	1809	2049	2302
65	1296	1394	1485
75	883	972	1050
85	489	613	717

LUMINAIRE SECTION

LEDALITE

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