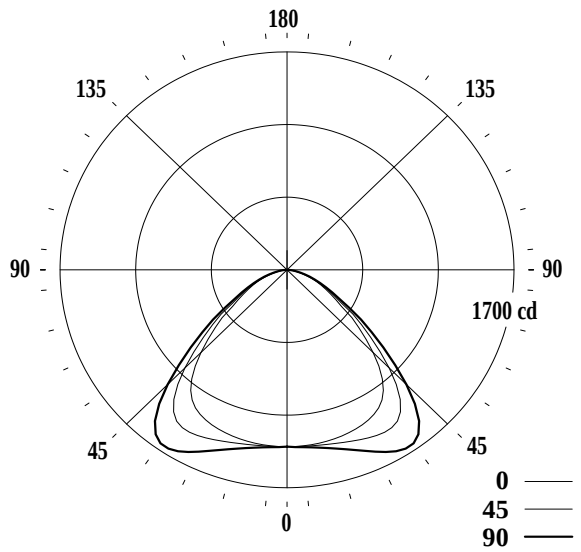
LEDALITE - SILKSPACE

TEST DATE:	23 Jun 2016	**CATALOG NO:**	**4224xxxxL8CD**
Lamp Type:	LED	**Description:**	SILKSPACE 2X4 4000LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3937 lm 100.0%
Input Watts:	120 VAC 34.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 114.8
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1226 F36635Color F36635

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1379	1379	1379	1379	1379	
5	1378	1376	1382	1385	1389	132
15	1365	1373	1402	1430	1444	398
25	1334	1362	1446	1531	1565	670
35	1240	1293	1441	1597	1653	894
45	913	960	1082	1219	1264	832
55	498	520	603	658	677	536
65	282	288	302	317	322	302
75	118	122	129	137	139	140
85	22	24	27	31	32	32
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)			1379.4	0.0
Direct: Peak Candela & Angle (90deg)			1653.8	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)				16.2
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	34.3	0.287	6.2	0.996
277V: P(W), I(A), THD(%), PF	34.0	0.127	9.8	0.966
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	83	76	70	91	82	75	79	73	68	64
4	86	75	66	60	83	73	66	71	64	59	56
5	79	67	59	52	77	66	58	64	57	52	48
6	73	61	52	46	71	60	52	58	51	45	43
7	68	55	47	41	66	54	46	53	46	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	35	41	34	29	27

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1200	30.5%	30.5%
0-40	2094	53.2%	53.2%
0-60	3463	88.0%	88.0%
0-90	3937	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	3937	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2014	2014	2014
5	2019	2025	2035
15	2063	2119	2182
25	2148	2329	2520
35	2209	2568	2945
45	1884	2234	2610
55	1267	1534	1722
65	973	1043	1112
75	667	725	785
85	372	459	538

LUMINAIRE SECTION

LEDALITE

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