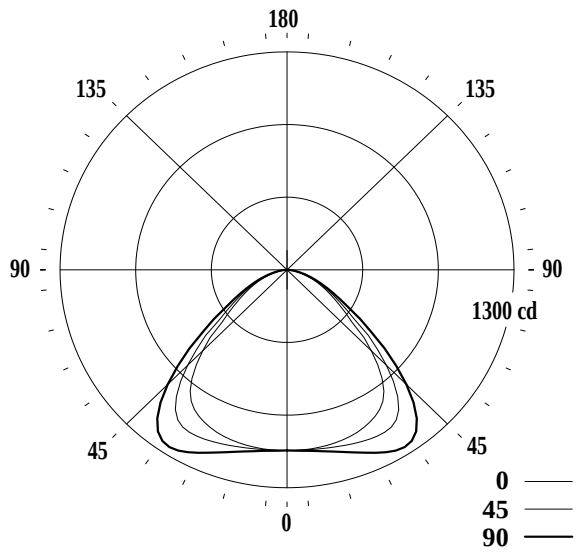
LEDALITE - SILKSPACE

TEST DATE:	22 Jun 2016	**CATALOG NO:**	**4222xxxxL8AE**
Lamp Type:	LED	**Description:**	SILKSPACE 2X2 3000LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2978 lm 100.0%
Input Watts:	120 VAC 27.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 107.1
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1222 F36626Color F36625

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1078	1078	1078	1078	1078	
5	1078	1078	1078	1082	1084	103
15	1068	1075	1093	1114	1123	311
25	1038	1059	1115	1178	1204	517
35	957	992	1092	1203	1246	678
45	683	712	805	917	967	623
55	368	380	419	468	512	390
65	208	212	225	241	249	227
75	87	89	96	104	109	105
85	17	18	20	24	25	25
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	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1078.4	2.5
Direct: Peak Candela & Angle (90deg)			1253.5	32.5
Spacing Criteria (0deg, 90deg, 180deg)		1.38	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)		1.9000	1.8900	0.0000
UGR (4H x 8H, 0.25H)				17.7
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3921	0.3913	3809	0.0035
CRI (Ra), R9			82	1
120V: P(W), I(A), THD(%), PF	27.8	0.233	8.3	0.994
277V: P(W), I(A), THD(%), PF	27.7	0.105	12.2	0.950
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	101	100	97	94	87
2	101	94	88	83	99	92	87	89	84	80	75
3	93	84	76	70	91	82	75	79	73	69	64
4	86	75	67	61	84	74	66	71	65	59	56
5	79	67	59	53	77	66	58	64	57	52	49
6	73	61	52	46	72	60	52	58	51	46	43
7	68	55	47	41	66	55	47	53	46	41	38
8	63	51	42	37	62	50	42	49	42	37	34
9	59	46	39	33	58	46	38	45	38	33	31
10	56	43	35	30	54	42	35	41	35	30	28

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	931	31.3%	31.3%
0-40	1610	54.0%	54.0%
0-60	2623	88.1%	88.1%
0-90	2979	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	2978	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3229	3229	3229
5	3242	3244	3259
15	3313	3389	3485
25	3433	3687	3980
35	3501	3994	4556
45	2895	3411	4097
55	1924	2186	2674
65	1476	1596	1762
75	1003	1110	1257
85	578	698	873

LUMINAIRE SECTION

LEDALITE

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