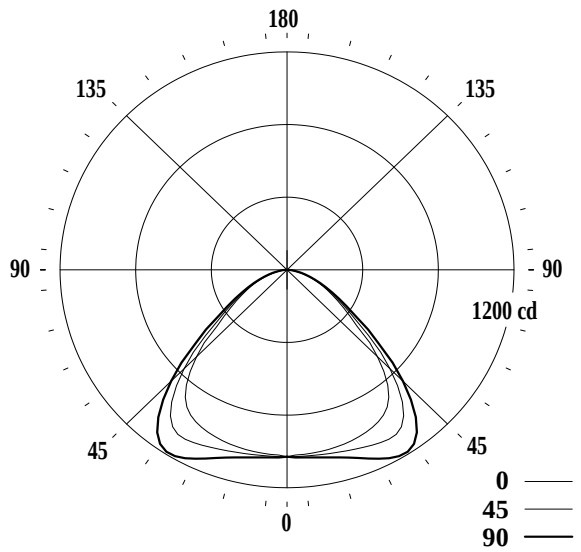
LEDALITE - SILKSPACE

TEST DATE:	24 Jun 2016	**CATALOG NO:**	**4214xxxxL8CE**
Lamp Type:	LED	**Description:**	SILKSPACE 1X4 3000LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2834 lm 100.0%
Input Watts:	120 VAC 26.9	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 105.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1222 F36644Color F36643

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1029	1029	1029	1029	1029	
5	1020	1025	1030	1035	1037	98
15	1009	1020	1040	1061	1070	295
25	987	1010	1065	1125	1148	494
35	923	962	1055	1144	1170	650
45	676	701	770	837	866	588
55	365	374	398	425	440	367
65	206	210	215	221	226	215
75	87	90	94	99	101	102
85	17	19	21	23	24	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)			1028.9	0.0
Direct: Peak Candela & Angle (90deg)			1187.6	32.5
Spacing Criteria (0deg, 90deg, 180deg)		1.39	1.61	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	0.8900	0.0000
UGR (4H x 8H, 0.25H)				17.4
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4436	0.4122	2956	0.0022
CRI (Ra), R9			81	-1
120V: P(W), I(A), THD(%), PF	26.9	0.226	8.3	0.994
277V: P(W), I(A), THD(%), PF	26.8	0.102	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	53	46	72	60	52	58	51	46	43
7	68	55	47	41	67	55	47	53	46	41	38
8	64	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	888	31.3%	31.3%
0-40	1537	54.2%	54.2%
0-60	2492	87.9%	87.9%
0-90	2834	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	2834	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3190	3190	3190
5	3173	3205	3227
15	3239	3338	3432
25	3376	3643	3926
35	3493	3993	4429
45	2964	3374	3797
55	1973	2152	2377
65	1512	1574	1656
75	1037	1131	1211
85	594	743	850

LUMINAIRE SECTION

LEDALITE

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