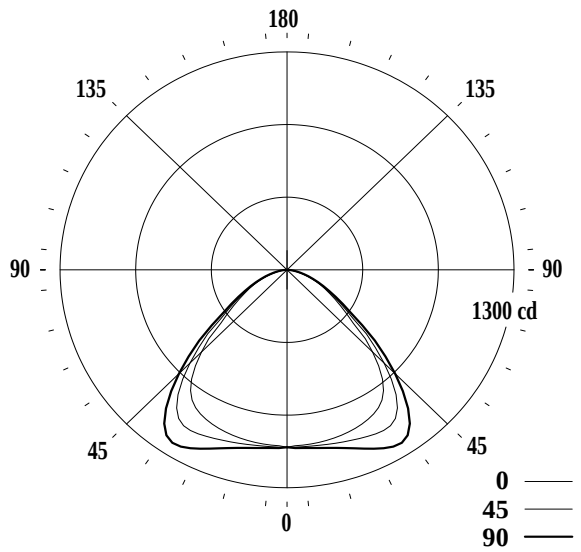
LEDALITE - SILKSPACE

TEST DATE:	23 Jun 2016	**CATALOG NO:**	**4214xxxxL8BE**
Lamp Type:	LED	**Description:**	SILKSPACE 1X4 3000LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2906 lm 100.0%
Input Watts:	120 VAC 26.9	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 108.0
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1222 F36639Color F36640

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1059	1059	1059	1059	1059	
5	1049	1055	1059	1065	1067	101
15	1039	1051	1071	1092	1100	304
25	1015	1040	1096	1155	1177	508
35	948	989	1082	1176	1205	667
45	693	722	787	853	876	603
55	374	384	408	433	445	376
65	211	214	220	226	229	220
75	88	92	96	100	102	104
85	17	19	21	22	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)			1058.5	0.0
Direct: Peak Candela & Angle (90deg)			1223.4	32.5
Spacing Criteria (0deg, 90deg, 180deg)		1.38	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)				17.5
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4170	0.4015	3344	0.0022
CRI (Ra), R9			82	5
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	71	91	82	75	79	74	69	64
4	86	75	67	61	84	74	66	71	65	60	56
5	79	67	59	53	77	66	58	64	57	52	49
6	73	61	53	47	72	60	52	58	51	46	43
7	68	55	47	41	67	55	47	53	46	41	38
8	64	51	43	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	913	31.4%	31.4%
0-40	1580	54.4%	54.4%
0-60	2558	88.0%	88.0%
0-90	2907	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	2906	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3281	3281	3281
5	3266	3296	3320
15	3335	3437	3529
25	3472	3748	4027
35	3588	4096	4560
45	3036	3451	3839
55	2019	2207	2404
65	1546	1614	1679
75	1054	1155	1224
85	598	758	847

LUMINAIRE SECTION

LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003