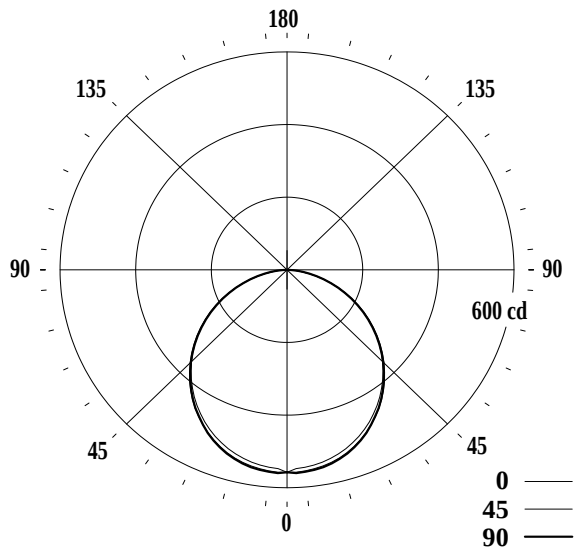
LEDALITE - TRUGROOVE LED

TEST DATE:	18 Oct 2017	**CATALOG NO:**	**39x0LBKLxx04**
Lamp Type:	LED	**Description:**	SILK FLUSH 1500LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1551 lm 100.0%
Input Watts:	120 VAC 14.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 110.0
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1281 F38546Color F38546

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	558	558	558	558	558	
5	546	552	556	559	558	53
15	525	531	536	540	539	151
25	484	491	494	496	496	227
35	427	434	436	435	434	271
45	357	362	363	361	360	278
55	277	280	280	277	276	249
65	189	192	190	189	188	188
75	99	100	100	100	100	106
85	22	22	24	25	26	28
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-Critical spaces			
Direct: Peak Candela & Angle (0deg)			557.6	0.0
Direct: Peak Candela & Angle (90deg)			560.1	2.5
Spacing Criteria (0deg, 90deg, 180deg)		1.22	1.24	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)		4.0000	0.2500	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4097	0.3945	3437	0.0007
CRI (Ra), R9			82	10
120V: P(W), I(A), THD(%), PF	14.1	0.119	11.3	0.990
277V: P(W), I(A), THD(%), PF	14.3	0.055	15.4	0.940
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	109	104	100	96	106	102	98	97	94	91	84
2	99	91	84	78	96	89	83	85	80	75	70
3	90	80	71	65	88	78	70	75	69	63	59
4	83	71	62	55	80	69	61	67	60	54	50
5	76	63	54	47	74	62	53	60	52	47	43
6	70	57	48	41	68	56	47	54	46	41	38
7	65	51	43	37	63	51	42	49	42	36	34
8	61	47	38	33	59	46	38	45	38	32	30
9	57	43	35	29	55	43	35	41	34	29	27
10	53	40	32	27	52	39	32	38	31	26	24

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	431	27.8%	27.8%
0-40	702	45.3%	45.3%
0-60	1229	79.2%	79.2%
0-90	1551	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	1551	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6000	6000	6000
5	5893	6001	6028
15	5844	5971	6000
25	5751	5869	5886
35	5614	5726	5702
45	5432	5516	5470
55	5191	5245	5179
65	4820	4848	4781
75	4112	4153	4174
85	2654	2926	3173

LUMINAIRE SECTION

LEDALITE

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