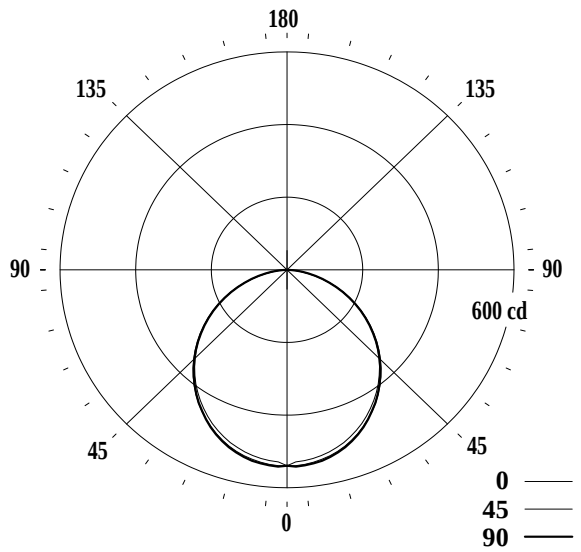
LEDALITE - TRUGROOVE LED

TEST DATE:	18 Oct 2017	**CATALOG NO:**	**39x0LCKLxx04**
Lamp Type:	LED	**Description:**	SILK FLUSH 1500LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1495 lm 100.0%
Input Watts:	120 VAC 14.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 106.0
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1281 F38541Color F38541

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	539	539	539	539	539	
5	527	534	538	541	540	51
15	507	512	517	521	520	146
25	467	472	476	479	478	219
35	412	417	420	419	418	261
45	344	349	349	347	346	268
55	267	270	270	267	267	240
65	183	185	184	182	182	181
75	95	96	97	97	97	102
85	21	21	23	24	25	27
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)			539.4	0.0
Direct: Peak Candela & Angle (90deg)			542.4	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	0.4334	0.4017	3040	0.0006
CRI (Ra), R9			84	16
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	415	27.8%	27.8%
0-40	677	45.3%	45.3%
0-60	1184	79.2%	79.2%
0-90	1495	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	1495	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5804	5804	5804
5	5694	5807	5837
15	5642	5763	5797
25	5546	5654	5675
35	5407	5513	5492
45	5229	5315	5270
55	5007	5058	4999
65	4649	4682	4624
75	3945	4020	4028
85	2556	2864	3049

LUMINAIRE SECTION

LEDALITE

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