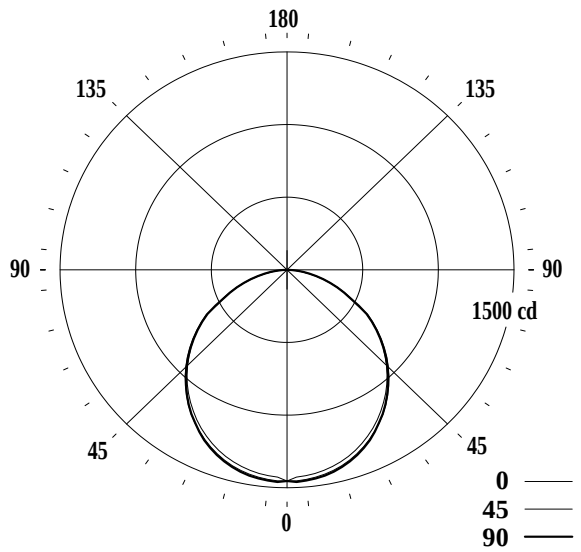
LEDALITE - TRUGROOVE LED

TEST DATE:	18 Oct 2017	**CATALOG NO:**	**39x0LCDLxx04**
Lamp Type:	LED	**Description:**	SILK FLUSH 4000LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4003 lm 100.0%
Input Watts:	120 VAC 41.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 95.8
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1284 F38541Color F38544

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1453	1453	1453	1453	1453	
5	1423	1439	1448	1458	1456	137
15	1368	1383	1396	1406	1405	393
25	1262	1277	1288	1295	1294	592
35	1112	1129	1136	1135	1133	707
45	930	943	947	941	938	726
55	722	731	730	723	722	649
65	462	469	468	462	461	466
75	243	247	248	247	248	262
85	56	58	62	65	67	72
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				None
Direct: Peak Candela & Angle (0deg)			1453.4	0.0
Direct: Peak Candela & Angle (90deg)			1461.3	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	41.8	0.350	5.8	0.997
277V: P(W), I(A), THD(%), PF	41.2	0.153	10.5	0.974
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	98	94	92	84
2	99	91	84	78	96	89	83	85	80	76	70
3	90	80	72	65	88	78	71	75	69	64	59
4	83	71	62	55	80	70	61	67	60	54	51
5	76	63	54	48	74	62	54	60	53	47	44
6	70	57	48	42	68	56	48	54	47	41	38
7	65	52	43	37	63	51	43	49	42	36	34
8	61	47	39	33	59	47	38	45	38	33	30
9	57	43	35	30	55	43	35	42	34	29	27
10	53	40	32	27	52	39	32	38	31	27	25

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1122	28.0%	28.0%
0-40	1829	45.7%	45.7%
0-60	3204	80.0%	80.0%
0-90	4004	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	4003	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	15639	15639	15639
5	15365	15641	15722
15	15238	15551	15647
25	14986	15288	15363
35	14612	14927	14880
45	14144	14409	14278
55	13542	13696	13537
65	11770	11905	11735
75	10098	10298	10310
85	6938	7704	8235

LUMINAIRE SECTION

LEDALITE

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