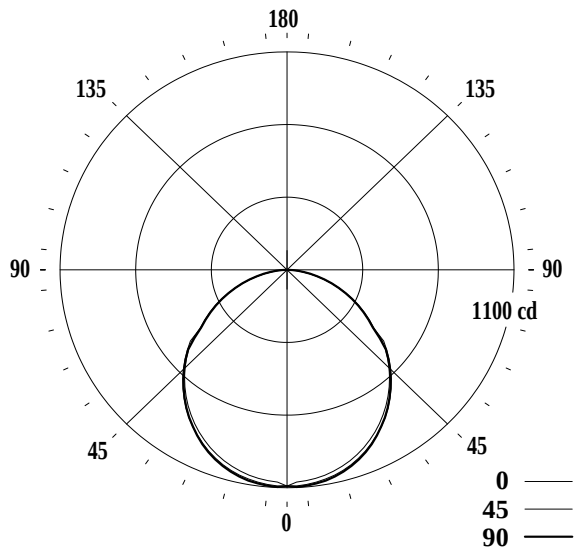
LEDALITE - TRUGROOVE LED

TEST DATE:	18 Oct 2017	**CATALOG NO:**	**39x0LCELxx04**
Lamp Type:	LED	**Description:**	SILK FLUSH 3000LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2986 lm 100.0%
Input Watts:	120 VAC 29.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 100.5
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1283 F38541Color F38543

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1091	1091	1091	1091	1091	
5	1068	1081	1088	1095	1093	103
15	1027	1038	1048	1056	1055	295
25	948	959	967	972	971	444
35	836	848	853	853	851	531
45	699	709	711	707	705	545
55	508	515	514	509	508	468
65	348	353	352	348	348	347
75	184	187	187	187	188	198
85	43	45	48	50	51	55
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)			1091.4	0.0
Direct: Peak Candela & Angle (90deg)			1097.2	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	29.7	0.249	7.3	0.995
277V: P(W), I(A), THD(%), PF	29.6	0.111	10.4	0.960
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	56	81	70	61	67	60	54	51
5	76	63	54	48	74	62	54	60	53	47	44
6	70	57	48	42	69	56	48	54	47	41	39
7	65	52	43	37	64	51	43	50	42	37	34
8	61	47	39	33	59	47	39	45	38	33	30
9	57	43	35	30	55	43	35	42	35	30	27
10	53	40	32	27	52	40	32	39	32	27	25

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	843	28.2%	28.2%
0-40	1374	46.0%	46.0%
0-60	2387	79.9%	79.9%
0-90	2986	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	2986	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	11743	11743	11743
5	11538	11746	11810
15	11440	11675	11749
25	11255	11476	11528
35	10984	11206	11173
45	10637	10815	10729
55	9532	9637	9535
65	8870	8952	8853
75	7641	7778	7795
85	5309	5877	6346

LUMINAIRE SECTION

LEDALITE

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