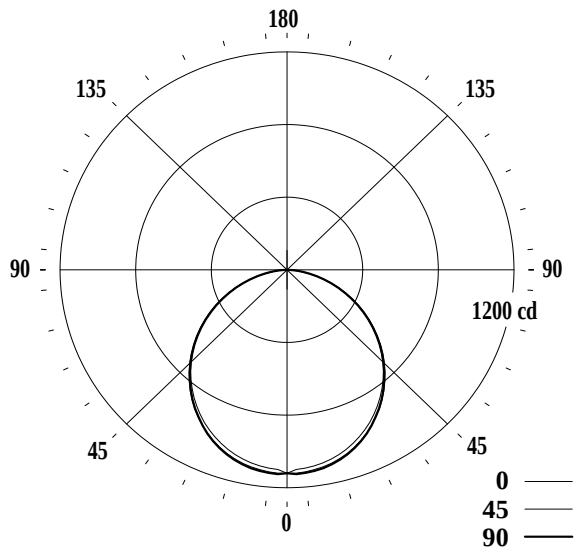
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x0LAELxx04**
Lamp Type:	LED	**Description:**	SILK FLUSH 3000LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3112 lm 100.0%
Input Watts:	120 VAC 29.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 105.5
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1283 F38547Color S38547-2

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1120	1120	1120	1120	1120	
5	1096	1109	1116	1123	1122	106
15	1054	1066	1077	1083	1082	303
25	972	985	993	996	996	456
35	857	870	875	873	872	545
45	716	727	728	724	722	559
55	556	562	561	556	554	499
65	380	384	383	377	377	377
75	198	201	201	201	202	213
85	44	44	48	50	52	56
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)			1120.2	0.0
Direct: Peak Candela & Angle (90deg)			1126.0	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	1.999
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3836	0.3813	3948	0.0013
CRI (Ra), R9			84	14
120V: P(W), I(A), THD(%), PF	29.5	0.247	7.3	0.995
277V: P(W), I(A), THD(%), PF	29.4	0.110	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	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	865	27.8%	27.8%
0-40	1409	45.3%	45.3%
0-60	2467	79.3%	79.3%
0-90	3112	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	3112	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	12054	12054	12054
5	11841	12057	12121
15	11742	11991	12054
25	11544	11788	11824
35	11262	11496	11448
45	10896	11082	10981
55	10421	10530	10399
65	9670	9741	9589
75	8227	8360	8377
85	5380	5898	6367

LUMINAIRE SECTION

LEDALITE

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