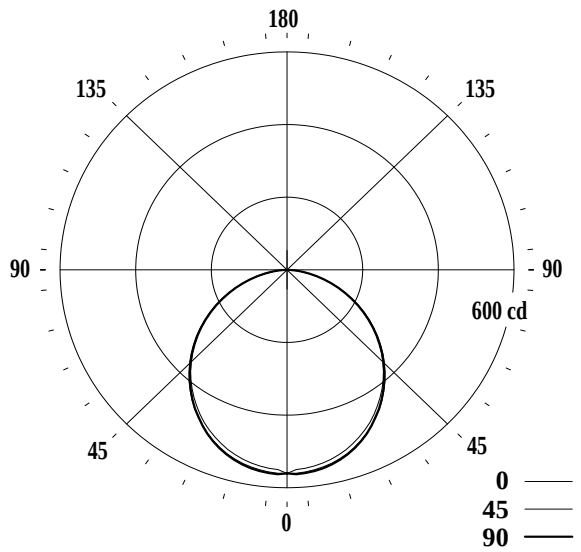
LEDALITE - TRUGROOVE LED

TEST DATE:	19 Oct 2017	**CATALOG NO:**	**39x0LAKLxx04**
Lamp Type:	LED	**Description:**	SILK FLUSH 1500LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1557 lm 100.0%
Input Watts:	120 VAC 14.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 111.2
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1281 F38547Color F38547

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	560	560	560	560	560	
5	548	555	558	562	561	53
15	527	533	539	542	541	152
25	486	493	497	498	498	228
35	429	435	438	437	436	272
45	358	364	364	362	361	279
55	278	281	281	278	277	250
65	190	192	191	189	188	188
75	99	100	101	100	101	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)			560.4	0.0
Direct: Peak Candela & Angle (90deg)			563.3	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	0.3836	0.3813	3948	0.0013
CRI (Ra), R9			84	14
120V: P(W), I(A), THD(%), PF	14.0	0.118	11.3	0.990
277V: P(W), I(A), THD(%), PF	14.2	0.054	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	433	27.8%	27.8%
0-40	705	45.3%	45.3%
0-60	1234	79.3%	79.3%
0-90	1557	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	1557	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6030	6030	6030
5	5923	6031	6064
15	5874	5999	6030
25	5775	5897	5915
35	5634	5751	5727
45	5451	5544	5493
55	5213	5268	5202
65	4837	4873	4797
75	4116	4182	4191
85	2691	2951	3185

LUMINAIRE SECTION

LEDALITE

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