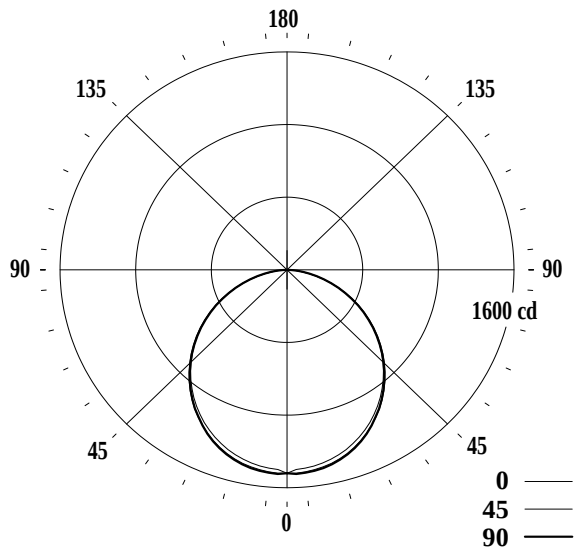
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x0LBDLxx04**
Lamp Type:	LED	**Description:**	SILK FLUSH 4000LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4154 lm 100.0%
Input Watts:	120 VAC 41.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 99.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1284 F38546Color S38546-3

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1494	1494	1494	1494	1494	
5	1462	1479	1489	1498	1495	141
15	1405	1421	1436	1445	1443	404
25	1298	1314	1324	1330	1328	608
35	1145	1161	1168	1166	1163	727
45	956	970	971	966	963	746
55	741	750	749	743	740	666
65	507	514	510	505	503	503
75	265	268	268	268	269	284
85	58	60	64	67	69	75
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)			1493.8	0.0
Direct: Peak Candela & Angle (90deg)			1500.5	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	2.679
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4097	0.3945	3437	0.0007
CRI (Ra), R9			82	10
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	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	1153	27.8%	27.8%
0-40	1880	45.3%	45.3%
0-60	3292	79.2%	79.2%
0-90	4154	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	4154	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	16073	16073	16073
5	15788	16077	16149
15	15656	15996	16073
25	15407	15722	15769
35	15040	15339	15276
45	14554	14778	14655
55	13906	14052	13876
65	12912	12987	12810
75	11015	11126	11182
85	7111	7839	8500

LUMINAIRE SECTION

LEDALITE

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