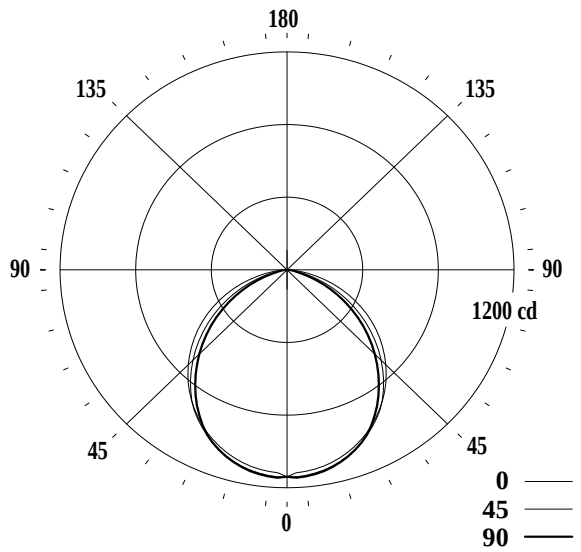
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x0LAEMxx04**
Lamp Type:	LED	**Description:**	SILK REGRESSED 3000LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2901 lm 100.0%
Input Watts:	120 VAC 29.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 98.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1283 F38547Color S38548-A

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1140	1140	1140	1140	1140	
5	1114	1128	1136	1144	1141	108
15	1073	1084	1092	1097	1095	307
25	993	1001	1003	1004	1001	461
35	879	885	878	852	843	543
45	738	739	704	668	657	541
55	576	564	510	468	456	459
65	394	367	309	267	256	314
75	205	170	120	88	80	141
85	43	19	18	18	18	27
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)			1139.7	0.0
Direct: Peak Candela & Angle (90deg)			1145.9	2.5
Spacing Criteria (0deg, 90deg, 180deg)		1.23	1.21	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	2.082
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	110	105	101	98	107	103	99	99	96	93	86
2	100	92	86	81	98	91	85	87	82	78	72
3	92	82	74	68	89	80	73	77	71	66	62
4	84	73	64	58	82	71	63	69	62	57	53
5	78	65	56	50	75	64	56	62	55	49	46
6	72	59	50	44	70	58	50	56	49	43	41
7	67	53	45	39	65	53	44	51	44	38	36
8	62	49	40	35	60	48	40	47	40	34	32
9	58	45	37	31	57	44	37	43	36	31	29
10	54	41	34	28	53	41	33	40	33	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	876	30.2%	30.2%
0-40	1419	48.9%	48.9%
0-60	2419	83.4%	83.4%
0-90	2901	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	2901	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	12263	12263	12263
5	12036	12274	12328
15	11949	12160	12202
25	11788	11909	11882
35	11549	11533	11076
45	11231	10708	9989
55	10799	9561	8550
65	10029	7856	6504
75	8508	4977	3315
85	5269	2211	2159

LUMINAIRE SECTION

LEDALITE

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