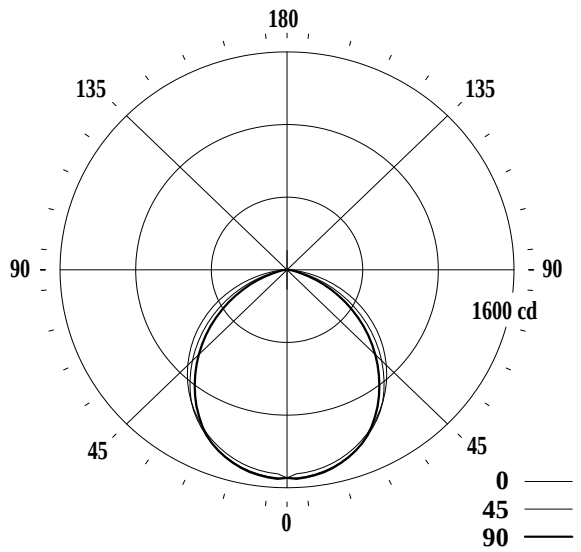
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x0LADMxx04**
Lamp Type:	LED	**Description:**	SILK REGRESSED 4000LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3889 lm 100.0%
Input Watts:	120 VAC 41.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 93.7
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1284 F38547Color S38548-B

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1528	1528	1528	1528	1528	
5	1494	1512	1523	1533	1530	144
15	1438	1454	1463	1471	1468	412
25	1331	1342	1345	1346	1342	618
35	1179	1186	1177	1143	1130	728
45	989	991	943	895	880	725
55	772	756	683	627	611	616
65	528	492	414	358	343	421
75	274	228	161	118	107	189
85	57	25	24	24	23	36
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)			1527.8	0.0
Direct: Peak Candela & Angle (90deg)			1536.2	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	2.791
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	41.5	0.347	5.8	0.997
277V: P(W), I(A), THD(%), PF	40.9	0.152	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	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	1174	30.2%	30.2%
0-40	1902	48.9%	48.9%
0-60	3243	83.4%	83.4%
0-90	3889	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	3889	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	16439	16439	16439
5	16134	16454	16526
15	16018	16301	16357
25	15802	15965	15928
35	15482	15460	14848
45	15056	14355	13391
55	14477	12817	11461
65	13445	10531	8719
75	11406	6672	4444
85	7064	2963	2894

LUMINAIRE SECTION

LEDALITE

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