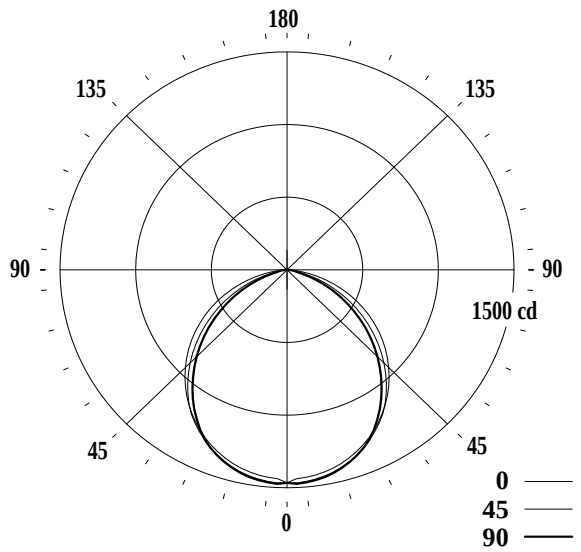
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x0LCDMxx04**
Lamp Type:	LED	**Description:**	SILK REGRESSED 4000LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3733 lm 100.0%
Input Watts:	120 VAC 41.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 89.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1284 F38541Color S38548-3

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1467	1467	1467	1467	1467	
5	1434	1452	1462	1472	1469	139
15	1380	1395	1405	1412	1409	395
25	1278	1288	1291	1292	1288	593
35	1131	1138	1130	1097	1085	699
45	950	951	906	859	845	696
55	741	725	656	602	586	591
65	507	472	397	344	329	404
75	263	219	154	113	103	182
85	55	24	23	23	23	35
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)			1466.5	0.0
Direct: Peak Candela & Angle (90deg)			1474.5	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	2.679
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4334	0.4017	3040	0.0006
CRI (Ra), R9			84	16
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	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	1127	30.2%	30.2%
0-40	1826	48.9%	48.9%
0-60	3113	83.4%	83.4%
0-90	3733	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	3733	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	15779	15779	15779
5	15487	15793	15863
15	15375	15647	15700
25	15168	15324	15289
35	14861	14840	14252
45	14452	13779	12854
55	13896	12303	11001
65	12905	10108	8369
75	10948	6404	4266
85	6780	2844	2778

LUMINAIRE SECTION

LEDALITE

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