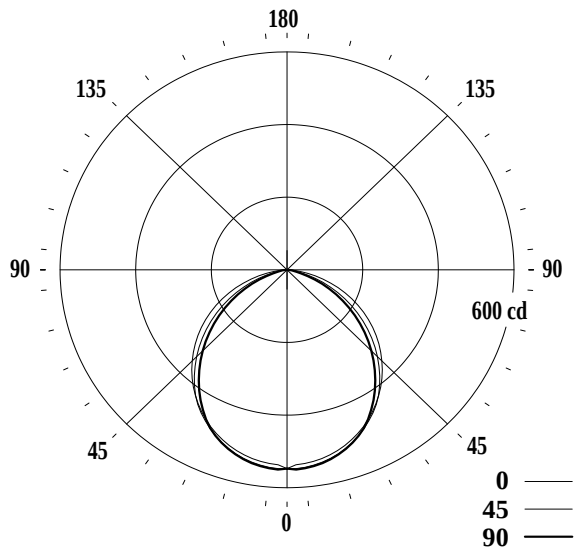
LEDALITE - TRUGROOVE LED

TEST DATE:	19 Oct 2017	**CATALOG NO:**	**39x0LCKMxx04**
Lamp Type:	LED	**Description:**	SILK REGRESSED 1500LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1393 lm 100.0%
Input Watts:	120 VAC 14.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 98.8
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1281 F38541Color F38548

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	547	547	547	547	547	
5	535	542	546	549	548	52
15	515	521	524	527	526	148
25	477	481	482	482	481	221
35	422	425	422	409	405	261
45	355	355	338	321	315	260
55	277	271	245	225	219	221
65	189	176	148	128	123	151
75	98	82	58	42	38	68
85	21	9	9	9	8	13
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)			547.4	0.0
Direct: Peak Candela & Angle (90deg)			550.4	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	1.000
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	14.1	0.119	11.3	0.990
277V: P(W), I(A), THD(%), PF	14.3	0.055	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	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	421	30.2%	30.2%
0-40	682	48.9%	48.9%
0-60	1162	83.4%	83.4%
0-90	1393	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	1393	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5890	5890	5890
5	5781	5895	5921
15	5739	5840	5861
25	5662	5720	5707
35	5547	5539	5320
45	5394	5143	4798
55	5187	4592	4106
65	4817	3773	3124
75	4087	2390	1592
85	2531	1062	1037

LUMINAIRE SECTION

LEDALITE

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