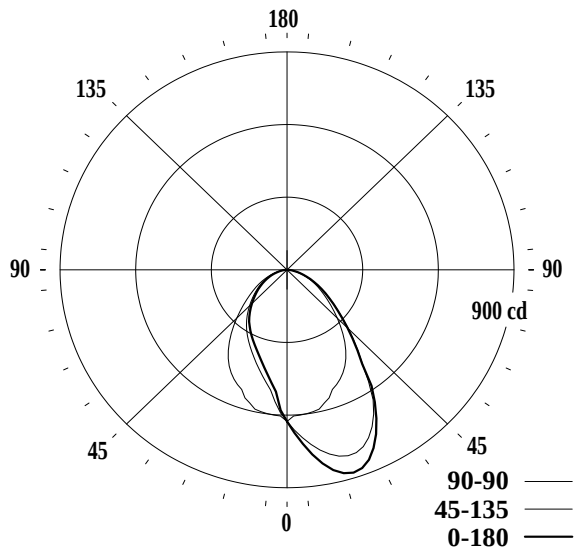
LEDALITE - TRUGROOVE LED

TEST DATE:	20 Oct 2017	**CATALOG NO:**	**39x8LCKQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 1500LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1284 lm 100.0%
Input Watts:	120 VAC 14.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 91.1
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1281 F38541Color F38555

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	626	626	626	626	626	
5	721	696	602	547	505	59
15	870	797	570	426	391	171
25	812	765	498	348	320	250
35	584	564	406	281	262	259
45	339	343	282	210	197	213
55	205	205	179	148	139	158
65	118	116	109	96	89	105
75	54	51	52	49	44	54
85	14	12	13	15	13	15
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)			878.0	17.5
Direct: Peak Candela & Angle (180deg)			625.9	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.41	1.11	0.66
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		0.2500	4.0000	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	106	102	99	108	104	100	100	97	94	87
2	102	94	88	83	99	92	87	89	84	80	75
3	94	84	77	71	91	83	76	80	74	69	65
4	87	76	68	62	84	74	67	72	66	61	57
5	80	69	60	54	78	67	60	65	59	54	50
6	75	62	54	48	73	61	54	60	53	48	45
7	70	57	49	43	68	56	49	55	48	43	40
8	65	53	45	39	64	52	44	51	44	39	37
9	61	49	41	36	60	48	41	47	40	35	33
10	57	45	38	33	56	45	37	44	37	33	31

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	479	37.3%	37.3%
0-40	738	57.5%	57.5%
0-60	1110	86.4%	86.4%
0-90	1284	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	1284	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	6735	6735	6735
5	7790	6506	5456
15	9687	6345	4350
25	9642	5912	3799
35	7676	5336	3439
45	5157	4287	3001
55	3846	3365	2604
65	3007	2773	2253
75	2241	2154	1829
85	1741	1642	1568

LUMINAIRE SECTION

LEDALITE

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