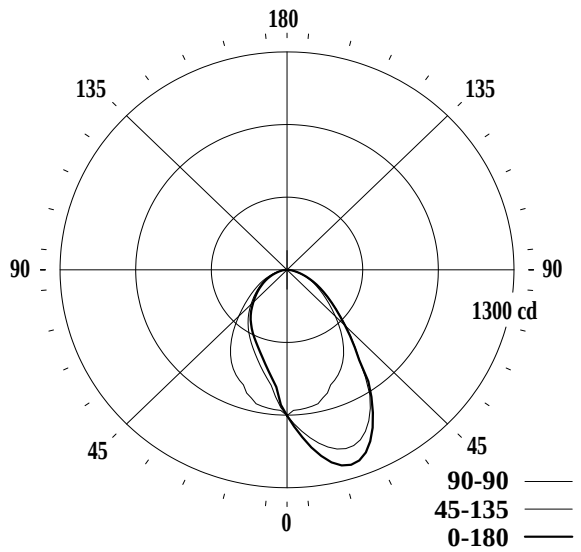
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x8LCGQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 2200LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1784 lm 100.0%
Input Watts:	120 VAC 20.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 87.0
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1282 F38541Color S38555-1

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	869	869	869	869	869	
5	1002	966	837	760	702	82
15	1208	1107	791	591	542	237
25	1128	1063	692	483	445	347
35	812	783	564	390	364	359
45	471	477	391	292	274	296
55	285	285	249	206	193	220
65	164	161	151	133	123	146
75	75	71	72	68	61	75
85	20	17	19	20	18	21
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)			1219.5	17.5
Direct: Peak Candela & Angle (180deg)			869.4	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	1.389
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	20.5	0.173	13.0	0.988
277V: P(W), I(A), THD(%), PF	20.9	0.081	17.6	0.924
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	666	37.3%	37.3%
0-40	1025	57.5%	57.5%
0-60	1542	86.4%	86.4%
0-90	1784	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	1784	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	9354	9354	9354
5	10820	9036	7578
15	13455	8813	6042
25	13392	8212	5277
35	10663	7411	4777
45	7163	5954	4168
55	5342	4675	3617
65	4177	3851	3130
75	3112	2991	2541
85	2418	2281	2178

LUMINAIRE SECTION

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