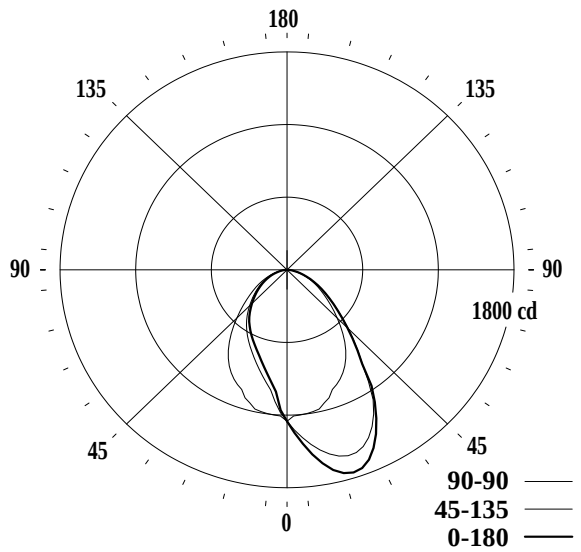
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x8LCEQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 3000LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2567 lm 100.0%
Input Watts:	120 VAC 29.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 86.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1283 F38541Color S38555-2

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1251	1251	1251	1251	1251	
5	1442	1390	1204	1093	1010	118
15	1738	1592	1139	851	781	341
25	1623	1530	996	695	640	500
35	1168	1126	812	561	523	517
45	678	686	563	420	394	426
55	410	409	359	297	278	317
65	236	232	218	192	177	210
75	108	102	104	97	88	108
85	28	25	27	29	25	31
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-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1755.1	17.5
Direct: Peak Candela & Angle (180deg)			1251.2	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	1.999
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	29.7	0.249	7.3	0.995
277V: P(W), I(A), THD(%), PF	29.6	0.111	10.4	0.960
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	958	37.3%	37.3%
0-40	1476	57.5%	57.5%
0-60	2219	86.4%	86.4%
0-90	2567	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	2567	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	13463	13463	13463
5	15572	13005	10906
15	19364	12684	8696
25	19273	11819	7595
35	15345	10666	6874
45	10309	8569	5999
55	7688	6728	5205
65	6011	5542	4504
75	4479	4305	3657
85	3480	3282	3134

LUMINAIRE SECTION

LEDALITE

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