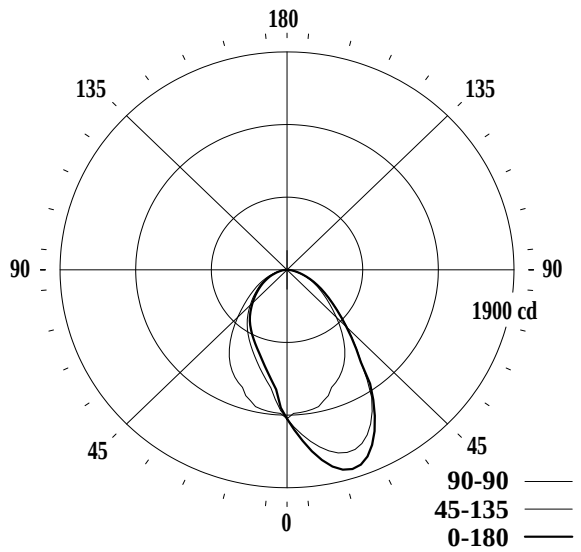
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x8LBEQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 3000LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2664 lm 100.0%
Input Watts:	120 VAC 29.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 89.7
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1283 F38546Color S38555-6

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1298	1298	1298	1298	1298	
5	1496	1443	1249	1134	1048	122
15	1804	1652	1181	883	810	354
25	1684	1587	1033	721	664	518
35	1212	1169	843	582	543	537
45	703	712	584	436	409	442
55	425	425	372	308	288	328
65	245	240	226	199	184	218
75	112	106	107	101	91	112
85	29	26	28	31	26	32
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)			1821.0	17.5
Direct: Peak Candela & Angle (180deg)			1298.1	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	2.074
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4097	0.3945	3437	0.0007
CRI (Ra), R9			82	10
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	994	37.3%	37.3%
0-40	1531	57.5%	57.5%
0-60	2302	86.4%	86.4%
0-90	2664	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	2664	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	13968	13968	13968
5	16156	13492	11315
15	20091	13160	9022
25	19997	12262	7879
35	15921	11066	7132
45	10696	8890	6224
55	7976	6980	5400
65	6236	5750	4673
75	4647	4466	3794
85	3610	3405	3252

LUMINAIRE SECTION

LEDALITE

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