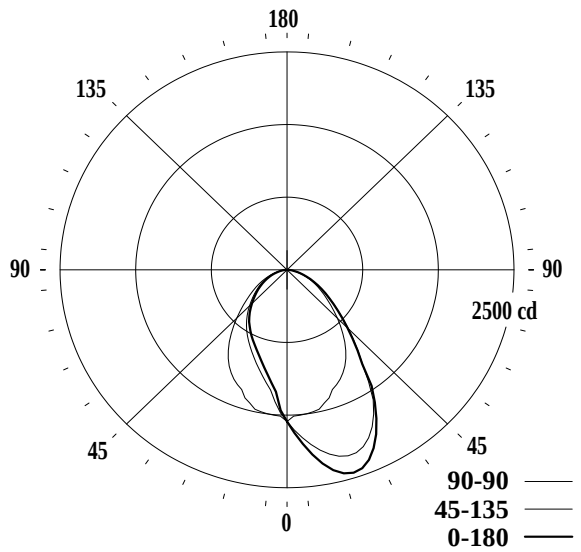
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x8LBDQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 4000LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3569 lm 100.0%
Input Watts:	120 VAC 41.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 85.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1284 F38546Color S38555-7

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1739	1739	1739	1739	1739	
5	2004	1933	1674	1520	1404	163
15	2417	2214	1583	1183	1085	474
25	2257	2127	1384	966	889	695
35	1624	1566	1129	780	728	719
45	942	954	783	584	548	593
55	570	569	499	412	386	440
65	328	322	303	267	246	293
75	150	142	144	135	122	150
85	39	35	37	41	35	43
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				None
Direct: Peak Candela & Angle (0deg)			2440.0	17.5
Direct: Peak Candela & Angle (180deg)			1739.4	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	2.779
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	41.8	0.350	5.8	0.997
277V: P(W), I(A), THD(%), PF	41.2	0.153	10.5	0.974
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	1332	37.3%	37.3%
0-40	2052	57.5%	57.5%
0-60	3084	86.4%	86.4%
0-90	3569	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	3569	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	18716	18716	18716
5	21648	18079	15161
15	26920	17633	12089
25	26794	16431	10558
35	21333	14828	9557
45	14331	11912	8339
55	10687	9353	7236
65	8356	7705	6262
75	6227	5985	5083
85	4838	4563	4357

LUMINAIRE SECTION

LEDALITE

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