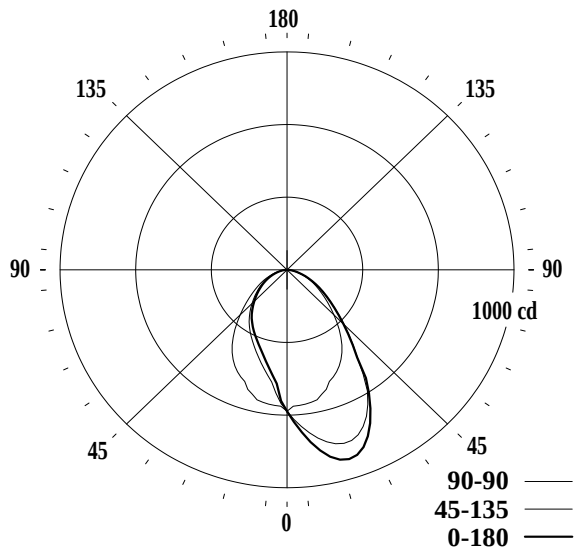
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x8LBKQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 1500LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1332 lm 100.0%
Input Watts:	120 VAC 14.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 94.5
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1281 F38546Color S38555-4

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	649	649	649	649	649	
5	748	721	625	567	524	61
15	902	826	591	442	405	177
25	842	794	516	361	332	259
35	606	584	421	291	272	268
45	351	356	292	218	205	221
55	213	212	186	154	144	164
65	123	120	113	99	92	109
75	56	53	54	51	46	56
85	15	13	14	15	13	16
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)			910.5	17.5
Direct: Peak Candela & Angle (180deg)			649.1	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	1.037
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	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	497	37.3%	37.3%
0-40	766	57.5%	57.5%
0-60	1151	86.4%	86.4%
0-90	1332	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	1332	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	6984	6984	6984
5	8078	6746	5657
15	10045	6580	4511
25	9998	6131	3940
35	7960	5533	3566
45	5348	4445	3112
55	3988	3490	2700
65	3118	2875	2337
75	2324	2233	1897
85	1805	1703	1626

LUMINAIRE SECTION

LEDALITE

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