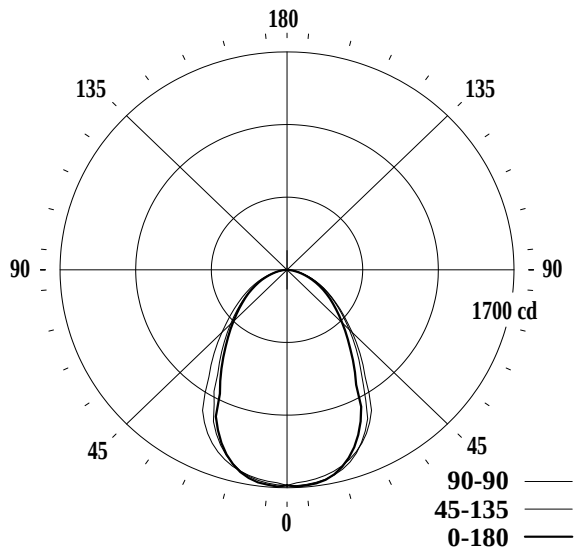
LEDALITE - TRUGROOVE PERIMETER

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**49x8LBEQ**
Lamp Type:	LED	**Description:**	PERIMETER AMBIENT 3100LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3077 lm 100.0%
Input Watts:	120 VAC 27.9	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 110.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1232 F37276Color S37276-2

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	1682	1682	1682	1682	1682	
5	1688	1680	1656	1670	1682	159
15	1592	1610	1584	1567	1568	445
25	1304	1387	1407	1305	1262	611
35	860	967	1020	883	833	587
45	584	659	690	598	568	489
55	393	435	445	394	382	373
65	239	267	270	237	236	252
75	113	131	127	109	115	129
85	24	33	27	22	28	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)			1692.8	2.5
Direct: Peak Candela & Angle (180deg)			1692.1	2.5
Spacing Criteria (0deg, 90deg, 180deg)		1.04	1.14	0.99
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	2.125
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4108	0.3922	3394	0.0006
CRI (Ra), R9			82	4
120V: P(W), I(A), THD(%), PF	27.9	0.106	14.7	0.950
277V: P(W), I(A), THD(%), PF	28.0	0.235	8.2	0.994
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	103	99	108	104	101	100	97	95	87
2	102	95	89	84	99	93	87	89	85	81	75
3	94	85	78	72	92	83	77	80	75	70	66
4	87	76	69	63	85	75	68	73	66	61	58
5	81	69	61	55	79	68	61	66	59	54	51
6	75	63	55	49	73	62	55	61	54	49	46
7	70	58	50	44	69	57	50	56	49	44	42
8	66	53	46	40	64	53	45	52	45	40	38
9	62	50	42	37	61	49	42	48	41	37	35
10	58	46	39	34	57	46	39	45	38	34	32

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1215	39.5%	39.5%
0-40	1801	58.5%	58.5%
0-60	2664	86.6%	86.6%
0-90	3077	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	3077	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	18093	18093	18093
5	18226	17887	18171
15	17735	17650	17467
25	15483	16706	14978
35	11302	13404	10945
45	8886	10499	8643
55	7363	8351	7164
65	6087	6882	6005
75	4700	5265	4788
85	2965	3358	3463

LUMINAIRE SECTION

LEDALITE

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