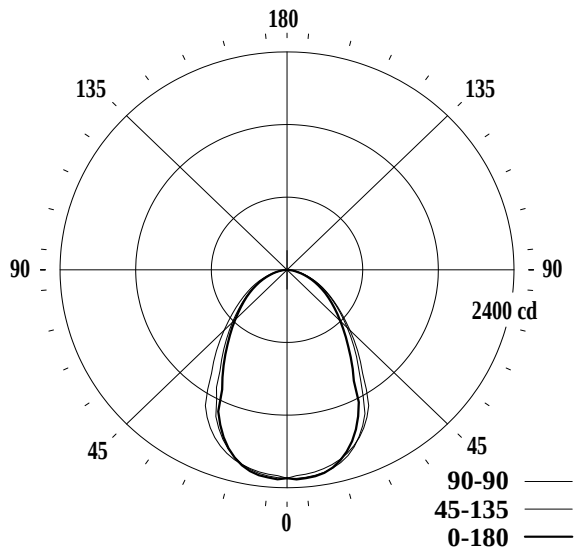
LEDALITE - TRUGROOVE PERIMETER

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**49x8LBDQ**
Lamp Type:	LED	**Description:**	PERIMETER AMBIENT 4200LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4199 lm 100.0%
Input Watts:	120 VAC 39.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 105.8
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1233 F37276Color S37276-3

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2295	2295	2295	2295	2295	
5	2303	2293	2260	2279	2296	217
15	2173	2197	2162	2138	2140	607
25	1780	1893	1920	1782	1722	834
35	1174	1319	1393	1205	1137	800
45	797	900	942	817	775	668
55	536	593	608	538	521	509
65	326	364	369	324	322	344
75	154	179	173	149	157	176
85	33	44	37	30	38	44
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)			2310.1	2.5
Direct: Peak Candela & Angle (180deg)			2309.3	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	2.900
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	39.7	0.147	9.3	0.974
277V: P(W), I(A), THD(%), PF	40.3	0.335	5.2	0.998
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	1658	39.5%	39.5%
0-40	2458	58.5%	58.5%
0-60	3635	86.6%	86.6%
0-90	4199	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	4199	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	24692	24692	24692
5	24874	24410	24799
15	24203	24086	23838
25	21130	22799	20441
35	15424	18292	14936
45	12127	14329	11796
55	10048	11397	9776
65	8306	9392	8196
75	6414	7186	6535
85	4046	4583	4726

LUMINAIRE SECTION

LEDALITE

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