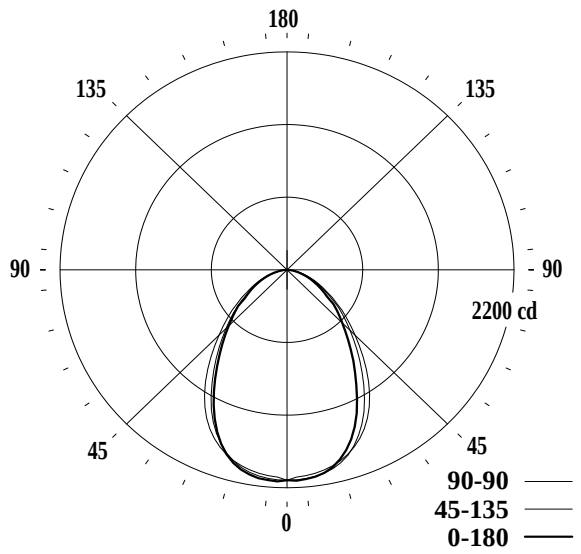
LEDALITE - TRUGROOVE PERIMETER

TEST DATE:	06 Oct 2016	**CATALOG NO:**	**49x8LCDQ**
Lamp Type:	LED	**Description:**	PERIMETER AMBIENT 4200LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4007 lm 100.0%
Input Watts:	120 VAC 39.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 102.5
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1233 F37268Color F37275

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2124	2124	2124	2124	2124	
5	2120	2116	2086	2113	2130	201
15	1981	2015	1995	1999	2018	563
25	1598	1718	1772	1693	1659	780
35	1121	1269	1377	1238	1181	789
45	757	864	933	837	799	663
55	476	554	585	533	501	491
65	289	325	342	310	310	318
75	136	159	160	145	153	163
85	30	41	35	28	35	41
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)			2130.7	2.5
Direct: Peak Candela & Angle (180deg)			2137.9	2.5
Spacing Criteria (0deg, 90deg, 180deg)		1.02	1.13	1.05
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	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4279	0.3995	3120	0.0006
CRI (Ra), R9			85	15
120V: P(W), I(A), THD(%), PF	39.1	0.145	9.3	0.974
277V: P(W), I(A), THD(%), PF	39.7	0.330	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	77	72	92	83	77	80	75	70	66
4	87	76	68	62	85	75	68	73	66	61	58
5	81	69	61	55	79	68	60	66	59	54	51
6	75	63	55	49	73	62	54	60	54	48	46
7	70	58	50	44	68	57	49	56	49	44	41
8	66	53	45	40	64	53	45	51	44	40	37
9	62	49	42	36	60	49	41	48	41	36	34
10	58	46	38	33	57	45	38	44	38	33	31

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1544	38.5%	38.5%
0-40	2332	58.2%	58.2%
0-60	3486	87.0%	87.0%
0-90	4007	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	4007	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	22853	22853	22853
5	22898	22534	23006
15	22072	22228	22474
25	18976	21032	19693
35	14726	18093	15518
45	11516	14200	12163
55	8924	10967	9400
65	7345	8707	7903
75	5642	6652	6344
85	3642	4259	4370

LUMINAIRE SECTION

LEDALITE

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