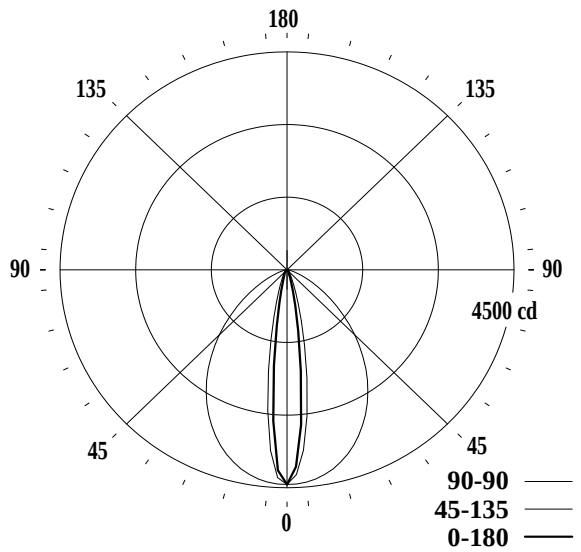
LEDALITE - TRUGROOVE PERIMETER

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**49X9LCGP**
Lamp Type:	LED	**Description:**	PERIMETER GRAZE 2200LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2039 lm 100.0%
Input Watts:	120 VAC 19.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 107.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1231 F37268Color S89100-1

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	4431	4431	4431	4431	4431	
5	3205	3742	4401	3748	3132	317
15	446	1095	4108	1000	431	460
25	95	257	3542	270	137	395
35	51	95	2779	125	75	330
45	27	53	1900	71	42	252
55	18	33	1063	42	23	163
65	14	24	437	26	12	84
75	8	14	123	14	6	32
85	2	3	15	3	2	6
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)			4430.9	0.0
Direct: Peak Candela & Angle (180deg)			4430.9	0.0
Spacing Criteria (0deg, 90deg, 180deg)		0.25	1.09	0.24
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		0.2552	4.0000	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.502
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	19.0	0.071	14.4	0.964
277V: P(W), I(A), THD(%), PF	18.9	0.158	8.9	0.995
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	112	109	106	104	110	107	104	103	101	99	91
2	106	100	95	91	103	98	94	95	91	88	83
3	99	92	86	81	97	90	85	88	83	79	75
4	94	85	79	74	92	84	78	81	76	72	69
5	88	79	72	67	87	78	72	76	71	66	64
6	84	74	67	62	82	73	66	71	66	61	59
7	79	69	62	58	78	68	62	67	61	57	55
8	75	65	58	54	74	64	58	63	58	54	52
9	72	61	55	51	71	61	55	60	54	50	49
10	68	58	52	48	67	58	52	57	51	48	46

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1171	57.5%	57.5%
0-40	1502	73.7%	73.7%
0-60	1917	94.0%	94.0%
0-90	2039	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	2039	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	46704	46704	46704
5	33914	46564	33135
15	4868	44827	4704
25	1101	41190	1590
35	657	35755	966
45	403	28323	627
55	331	19542	414
65	337	10901	300
75	306	5016	245
85	182	1816	182

LUMINAIRE SECTION

LEDALITE

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