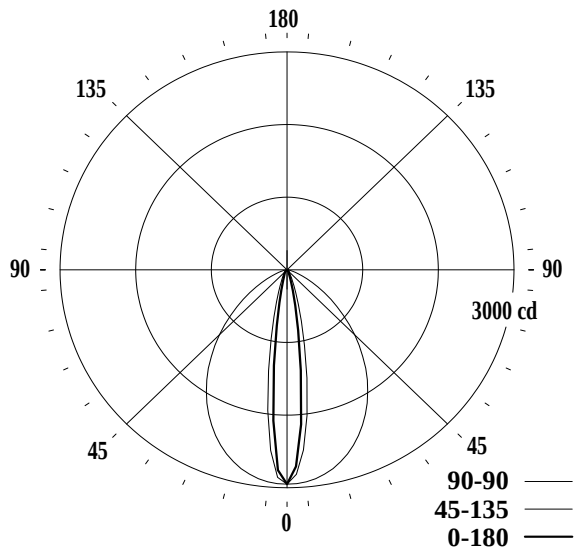
LEDALITE - TRUGROOVE PERIMETER

TEST DATE:	23 Mar 2017	**CATALOG NO:**	**49X9LCKP**
Lamp Type:	LED	**Description:**	PERIMETER GRAZE 1500LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1357 lm 100.0%
Input Watts:	120 VAC 13.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 104.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1230 F37268Color ITL89100

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	2950	2950	2950	2950	2950	
5	2134	2491	2930	2495	2085	211
15	297	729	2735	666	287	306
25	63	171	2358	180	91	263
35	34	63	1850	83	50	220
45	18	35	1265	47	28	168
55	12	22	708	28	15	108
65	9	16	291	17	8	56
75	5	9	82	9	4	21
85	1	2	10	2	1	4
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)			2950.0	0.0
Direct: Peak Candela & Angle (180deg)			2950.0	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	1.000
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	13.0	0.050	19.2	0.937
277V: P(W), I(A), THD(%), PF	12.7	0.107	12.4	0.990
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	780	57.5%	57.5%
0-40	1000	73.7%	73.7%
0-60	1276	94.0%	94.0%
0-90	1357	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	1357	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	31094	31094	31094
5	22579	31001	22061
15	3241	29845	3132
25	733	27424	1058
35	437	23805	643
45	268	18857	417
55	221	13011	276
65	224	7258	200
75	204	3339	163
85	121	1209	121

LUMINAIRE SECTION

LEDALITE

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