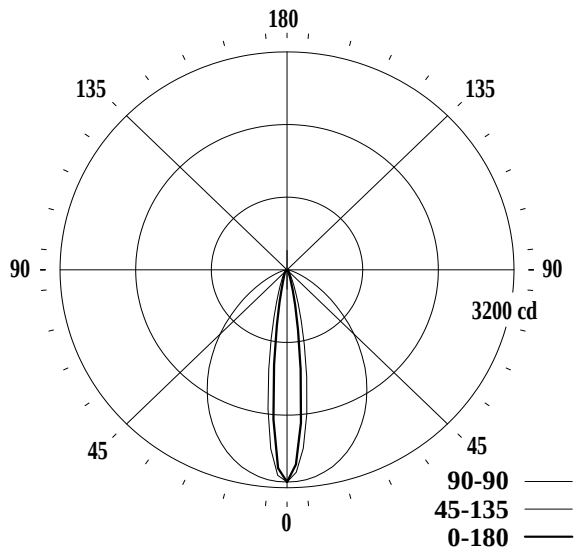
LEDALITE - TRUGROOVE PERIMETER

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**49X9LAKP**
Lamp Type:	LED	**Description:**	PERIMETER GRAZE 1500LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1433 lm 100.0%
Input Watts:	120 VAC 13.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 109.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1230 F37277Color S89100-8

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	3115	3115	3115	3115	3115	
5	2254	2631	3094	2635	2202	223
15	314	770	2888	703	303	323
25	67	181	2490	190	96	278
35	36	67	1954	88	53	232
45	19	37	1336	50	30	177
55	13	23	748	30	16	115
65	10	17	307	18	8	59
75	5	10	87	10	4	23
85	1	2	11	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				None
Direct: Peak Candela & Angle (0deg)			3115.2	0.0
Direct: Peak Candela & Angle (180deg)			3115.2	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	1.056
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3773	0.3763	4083	0.0008
CRI (Ra), R9			84	10
120V: P(W), I(A), THD(%), PF	13.1	0.050	19.2	0.937
277V: P(W), I(A), THD(%), PF	12.8	0.108	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	824	57.5%	57.5%
0-40	1056	73.7%	73.7%
0-60	1348	94.0%	94.0%
0-90	1433	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	1433	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	32836	32836	32836
5	23844	32737	23296
15	3422	31516	3307
25	774	28959	1118
35	462	25138	679
45	283	19913	441
55	233	13739	291
65	237	7664	211
75	215	3526	172
85	128	1277	128

LUMINAIRE SECTION

LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003