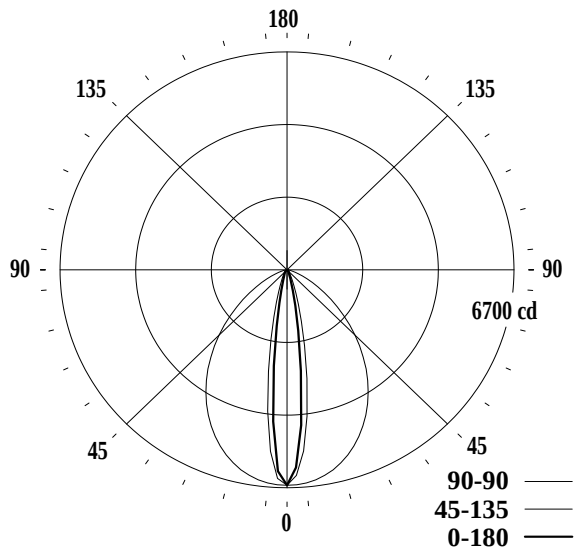
LEDALITE - TRUGROOVE PERIMETER

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**49X9LAEP**
Lamp Type:	LED	**Description:**	PERIMETER GRAZE 3100LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3047 lm 100.0%
Input Watts:	120 VAC 27.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 110.0
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1232 F37277Color S89100-A

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	6623	6623	6623	6623	6623	
5	4791	5592	6578	5601	4681	473
15	667	1637	6140	1495	644	687
25	141	384	5294	404	204	591
35	76	141	4153	186	112	494
45	40	79	2840	106	63	377
55	27	49	1590	63	34	243
65	20	36	653	38	18	125
75	11	20	184	20	9	48
85	2	5	23	5	2	9
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)			6622.8	0.0
Direct: Peak Candela & Angle (180deg)			6622.8	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	2.245
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	27.7	0.105	14.7	0.950
277V: P(W), I(A), THD(%), PF	27.8	0.233	8.2	0.994
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	1751	57.5%	57.5%
0-40	2244	73.7%	73.7%
0-60	2865	94.0%	94.0%
0-90	3047	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	3047	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	69807	69807	69807
5	50690	69598	49526
15	7276	67002	7031
25	1645	61566	2376
35	982	53442	1444
45	602	42333	937
55	495	29209	619
65	504	16294	448
75	457	7497	366
85	272	2715	272

LUMINAIRE SECTION

LEDALITE

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