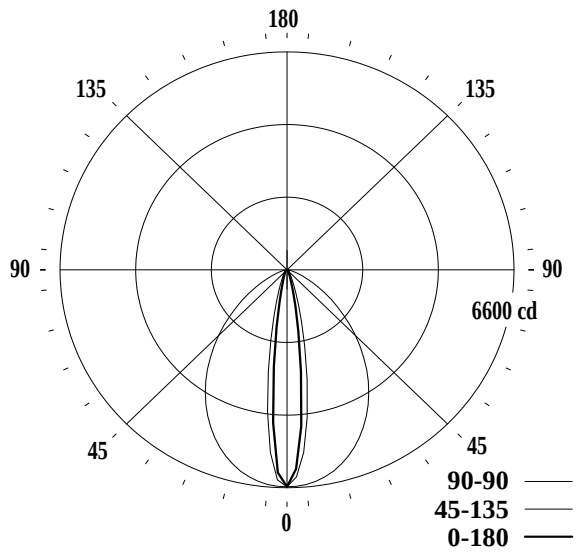
LEDALITE - TRUGROOVE PERIMETER

TEST DATE:	09 Jan 2019	**CATALOG NO:**	**49X9LBEP**
Lamp Type:	LED	**Description:**	PERIMETER GRAZE 3100LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3023 lm 100.0%
Input Watts:	120 VAC 27.9	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 108.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1232 F37276Color S89100-6

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	6570	6570	6570	6570	6570	
5	4752	5548	6525	5556	4643	469
15	661	1624	6091	1483	639	682
25	140	381	5251	401	203	586
35	76	140	4120	185	111	490
45	40	78	2817	105	62	374
55	27	49	1577	62	33	242
65	20	36	648	38	18	124
75	11	20	183	20	9	48
85	2	5	22	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)			6569.7	0.0
Direct: Peak Candela & Angle (180deg)			6569.7	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	2.227
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4108	0.3922	3394	0.0006
CRI (Ra), R9			82	4
120V: P(W), I(A), THD(%), PF	27.9	0.106	14.7	0.950
277V: P(W), I(A), THD(%), PF	28.0	0.235	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	1737	57.5%	57.5%
0-40	2226	73.7%	73.7%
0-60	2842	94.0%	94.0%
0-90	3023	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	3023	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	69247	69247	69247
5	50284	69040	49129
15	7218	66465	6975
25	1632	61073	2357
35	974	53013	1433
45	598	41994	930
55	491	28975	614
65	500	16163	444
75	453	7437	363
85	269	2693	269

LUMINAIRE SECTION

LEDALITE

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