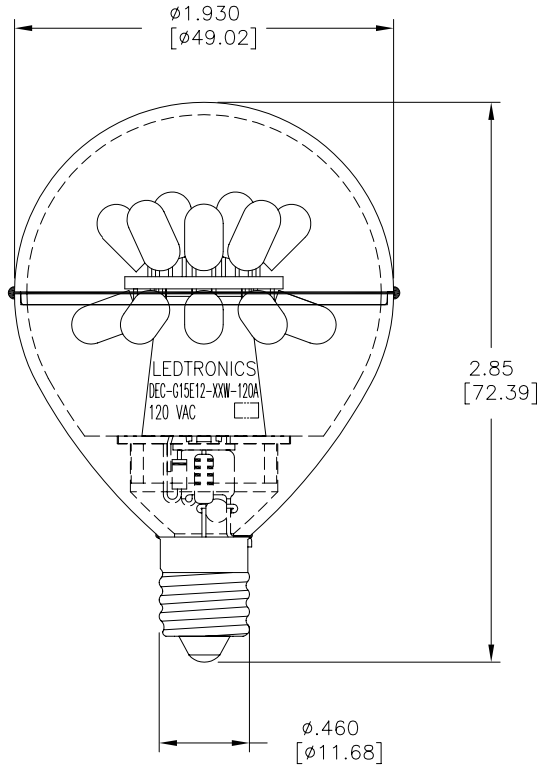


LTR	REVISION	DATE	APPD
C	021611-GP01: ADD P/N: DEC-G15E12-HIW-120A	02-16-11	GP



**NOTES:**

1. LENS MATERIAL: UV STABILIZED POLYCARBONATE
2. SLEEVE MATERIAL: UV STABILIZED POLYCARBONATE
3. BASE MATERIAL: BRASS, NICKEL PLATED BRASS

REVISION NOTIFICATION	
<input type="checkbox"/>	PMA
<input type="checkbox"/>	UL
<input type="checkbox"/>	MADE IN USA
<input type="checkbox"/>	CUSTOMER _____
<input type="checkbox"/>	OTHER

DEC-G15E12-HIW-120A	WARM WHITE	120VAC	15	-	-	-	-	-	2800K	270°
DEC-G15E12-SIW-120A	WARM WHITE	120VAC	15	1.0 W	34.2 lm	34	2.66	0.682	2950K	270°
DEC-G15E12-TPW-120A	TRUE WHITE	120VAC	15	1.1 W	43.5 lm	40	3.83	0.579	5000K	270°
DEC-G15E12-XIW-120A	WARM WHITE	120VAC	15	0.9 W	25.4 lm	28	2.02	0.619	3000K	270°
DEC-G15E12-XPW-120A	PURE WHITE	120VAC	15	0.9 W	27.4 lm	30	2.21	0.556	5000K	270°
LEDTRONICS PART NO.	COLOR EMITTED	INPUT VOLTAGE	READ mA typ.	ENERGY USED (WATTS)	TOTAL LUMES	EFFIACY lm/W	SPHERICAL CANDELA (SCP)	POWER FACTOR	COLOR TEMP. (K)	FULL VIEWING ANGLE
ELECTRICAL TEST										

**-PROPRIETARY-**  
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.XXX ± .010 TOLERANCE PER ANSI-Y14.5  
 .XX ± .025 (UNLESS OTHERWISE STATED)  
 ANGLES ± 0°,30'  
 FRACT. ± 1/32

TITLE <b>DEC-G15E12-XXW-120A</b>			
DWG NO DEC00147-CUST	SCALE 1:1	SHEET 1 OF 1	DATE 09-14-09
CODE IDENT NO. 8Z410	DWG BY GP 09-14-09	CHK BY	QA RD 02-22-11
		MFG LD 02-18-11	R&D BJ 02-18-11

## Luminaire Photometric Report

**Filename:** DEC-G15E12-SIW-120A

**Manufacturer:** LEDTRONICS -

**Luminaire:** CLEAR LENS, 120VAC, 1W

**Luminaire Cat:** DEC-G15E12-SIW-120A

**Lamp:** . LUMEN RATING: 34.2Lms.

**Lamp Output:** 1 lamp(s), rated lamp lumens: 34.2

**Max Candela:** 6.4 at Horizontal: 0, Vertical: 0

**Luminous Opening:** Point

**Test:** 12-21-10

### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	3.6	10.7%	10.7%
0-40	6.3	18.4%	18.4%
0-60	13.6	39.8%	39.8%
60-90	6.8	19.7%	19.7%
0-90	20.4	59.6%	59.6%
90-180	13.8	40.4%	40.4%
0-180	34.2	100%	100%

**Total Efficiency:** 100%

### Illuminance at a Distance

Center Beam FC

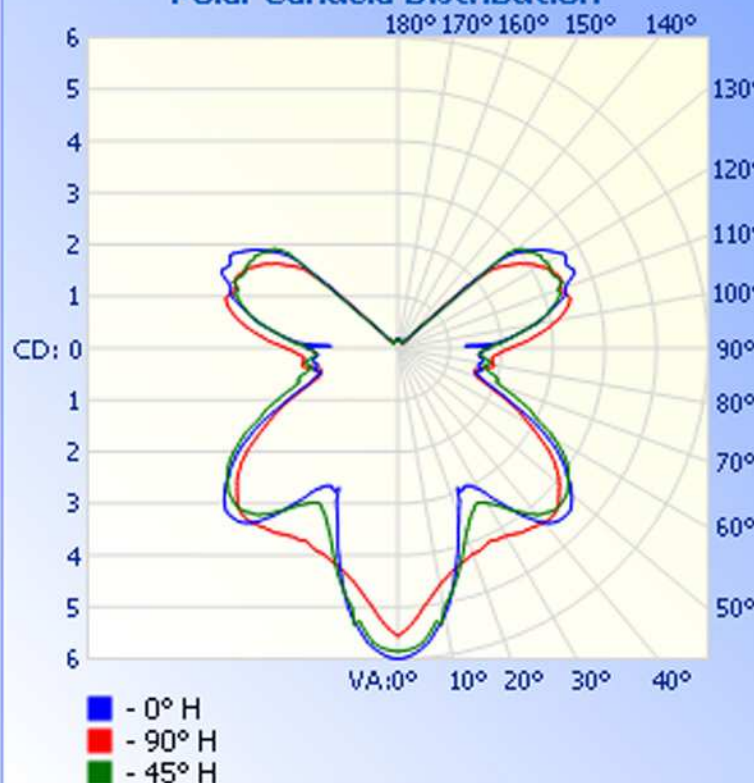
Beam Width

0.8ft	<b>9.27 fc</b>	<b>0.8ft</b>	<b>2.8ft</b>
1.7ft	<b>2.32 fc</b>	<b>1.5ft</b>	<b>5.7ft</b>
2.5ft	<b>1.03 fc</b>	<b>2.3ft</b>	<b>8.5ft</b>
3.3ft	<b>0.58 fc</b>	<b>3.0ft</b>	<b>11.4ft</b>
4.2ft	<b>0.37 fc</b>	<b>3.8ft</b>	<b>14.2ft</b>
5.0ft	<b>0.26 fc</b>	<b>4.5ft</b>	<b>17.0ft</b>

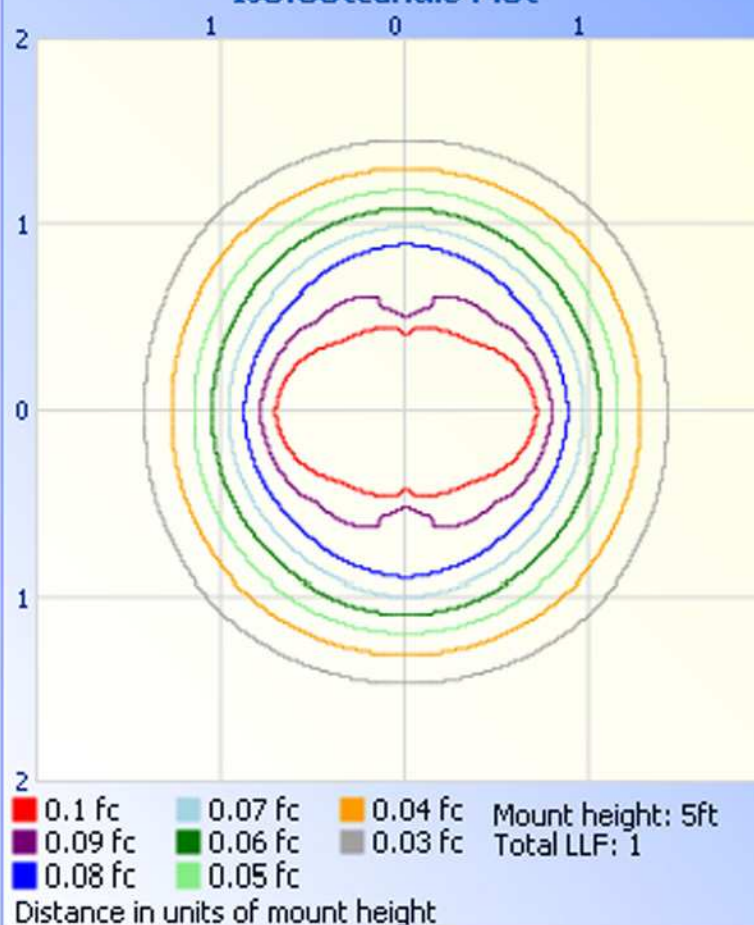
■ Vert. Spread: 48.7°

■ Horiz. Spread: 119.2°

### Polar Candela Distribution



### Isofootcandle Plot



## Luminaire Photometric Report

**Filename:** DEC-G15E12-TPW-120A

**Manufacturer:** LEDTRONICS -

**Luminaire:** CLEAR LENS, 120VAC, 1.1W

**Luminaire Cat:** DEC-G15E12-TPW-120A

**Lamp:** . LUMEN RATING: 43.5Lms.

**Lamp Output:** 1 lamp(s), rated lamp lumens: 43.5

**Max Candela:** 9.1 at Horizontal: 0, Vertical: 0

**Luminous Opening:** Point

**Test:** 12-21-10

### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	5.6	13%	13%
0-40	9.8	22.5%	22.6%
0-60	20.3	46.6%	46.6%
60-90	8.2	18.9%	18.9%
0-90	28.5	65.4%	65.4%
90-180	15.0	34.6%	34.6%
0-180	43.5	100%	100%

**Total Efficiency:** 100%

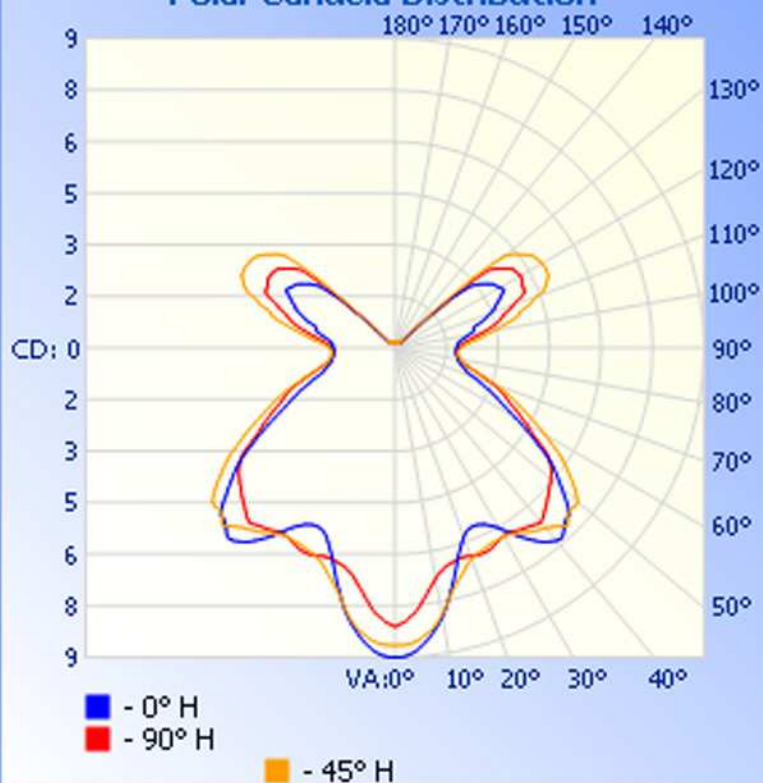
### Illuminance at a Distance

Center Beam FC      Beam Width

0.8ft	<b>13.08 fc</b>	<b>2.8ft</b>	<b>2.9ft</b>
1.7ft	<b>3.27 fc</b>	<b>5.5ft</b>	<b>5.8ft</b>
2.5ft	<b>1.45 fc</b>	<b>8.3ft</b>	<b>8.7ft</b>
3.3ft	<b>0.82 fc</b>	<b>11.0ft</b>	<b>11.7ft</b>
4.2ft	<b>0.52 fc</b>	<b>13.8ft</b>	<b>14.6ft</b>
5.0ft	<b>0.36 fc</b>	<b>16.5ft</b>	<b>17.5ft</b>

■ Vert. Spread: 117.6°      ■ Horiz. Spread: 120.4°

### Polar Candela Distribution



### Isofootcandle Plot

