



## Optics Photometric Report

**Filename:** FCN13552\_CRYSTAL-RS\_CREE\_XHP35\_HI\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** FCN13552\_CRYSTAL-RS\_SIMULATED

**Luminaire Cat:** FCN13552\_CRYSTAL-RS\_SIMULATED

**Lamp:** CREE\_XHP35\_HI - 1.00 W

**Lamp Cat:** FCN13552\_CRYSTAL-RS\_SIMULATED

**Lamp Output:** 1 lamp, rated Lumens/lamp: 100

**Max Candela:** 5 482.8 at Horizontal: 0°, Vertical: 0°

**Input Wattage:** 1

**Luminous Opening:** Rectangle w/Luminous Sides (L: 0.05M, W: 0.05M, H: 0.03M)

**Test:** Zemax

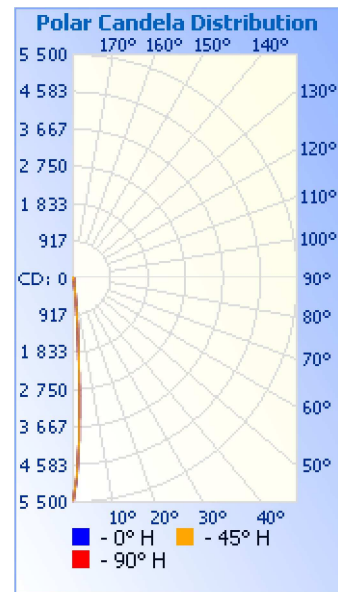
**Test Date:** 14 Nov 2017

**Test Lab:** Zemax

**FLASHAREA:** 0.001982

**Photometry :** Type C

**Nema Type:** 1 X 1



### Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	1.5	
Max Cd, 80 to <90 Deg:	0.7	
Lumens % Lamp		
Downward Street Side:	48.1	48.1%
Downward House Side:	47.9	47.9%
Downward Total:	96.0	96%
Total Lumens:	96.0	96%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	79.1%	79.1	13.5	13.5
Beam (50%):	37.4%	37.4	6.4	6.4
Total:	97.5%	97.5		

