



## Optics Photometric Report

**Filename:** CN15826\_WINNIE-O-C\_Cree\_CXA1816\_F15254\_HEKLA-SOCKET-B\_SIMULATED\_IESNA

**Manufacturer:** Ledil Oy

**Luminaire:** CN15826\_WINNIE-O-C\_F15254\_HEKLA-SOCKET-B\_SIMULATED

**Luminaire Cat:** CN15826\_WINNIE-O-C\_F15254\_HEKLA-SOCKET-B\_SIMULATED

**Lamp:** Cree\_CXA1816

**Lamp Cat:** CN15826\_WINNIE-O-C\_F15254\_HEKLA-SOCKET-B\_SIMULATED

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

**Max Candela:** 265.1 at Horizontal: 0°, Vertical: 0°

**Input Wattage:** 1

**Luminous Opening:** Rectangle w/Luminous Sides (L: 0.05M, W: 0.05M, H: 0.02M)

**Test:** Zemax

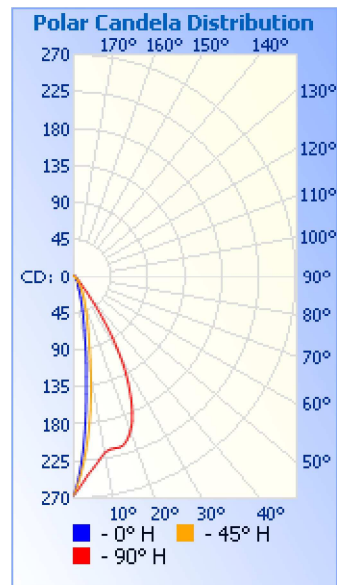
**Test Date:** 6 Feb 2018

**Test Lab:** Zemax

**FLASHAREA:** 0.001551

**Photometry :** Type C

**Nema Type:** 5 X 3



### Roadway Summary

**Cutoff Classification:** CUTOFF

**Distribution:** TYPE I, VERY SHORT

**Max Cd, 90 Deg Vert:** 0.3

**Max Cd, 80 to <90 Deg:** 0.9

**Lumens % Lamp**

**Downward Street Side:** 42.7 42.7%

**Downward House Side:** 43.3 43.3%

**Downward Total:** 86.0 86%

**Total Lumens:** 86.0 86%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	69.7%	69.7	75.3	34.6
Beam (50%):	37.9%	37.9	56.1	13.4
Total:	86.2%	86.2		

