



Optics Photometric Report

Filename: CN15825_WINNIE-W-C_Cree_CXA1816_F15254_HEKLA-SOCKET-B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CN15825_WINNIE-W-C_F15254_HEKLA-SOCKET-B_SIMULATED

Luminaire Cat: CN15825_WINNIE-W-C_F15254_HEKLA-SOCKET-B_SIMULATED

Lamp: Cree_CXA1816

Lamp Cat: CN15825_WINNIE-W-C_F15254_HEKLA-SOCKET-B_SIMULATED

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

Max Candela: 140.9 at Horizontal: 150°, Vertical: 3°

Input Wattage: 1

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

Test: Zemax

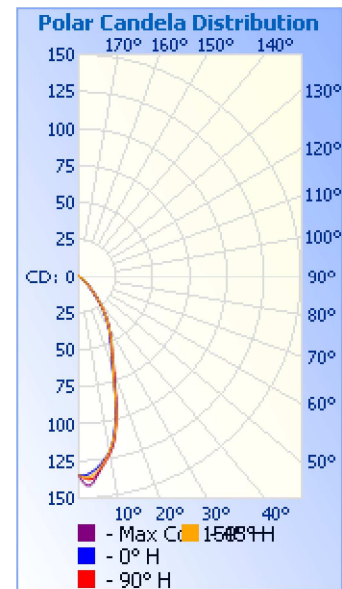
Test Date: 6 Feb 2018

Test Lab: Zemax

FLASHAREA: 0.001551

Photometry : Type C

Nema Type: 5 X 5



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.7
Max Cd, 80 to <90 Deg:	0.4
Lumens % Lamp	
Downward Street Side:	43.9 43.9%
Downward House Side:	44.0 44%
Downward Total:	87.9 87.9%
Total Lumens:	87.9 87.9%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	80.8%	80.8	82.7	82.8
Beam (50%):	36.4%	36.4	38.4	38.6
Total:	87.9%	87.9		

