



Optics Photometric Report

Filename: FP15589_STRADA-2X2MXS-T2_(Cree_XHP70_2)_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: FP15589_STRADA-2X2MXS-T2_(Cree_XHP70_2)_SIMULATED

Luminaire Cat: FP15589_STRADA-2X2MXS-T2_(Cree_XHP70_2)_SIMULATED

Lamp: Cree_XHP70.2 - 1.00 W

Lamp Cat: FP15589_STRADA-2X2MXS-T2_(Cree_XHP70_2)_SIMULATED

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

Max Candela: 56.4 at Horizontal: 285°, Vertical: 70°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.09M, W: 0.09M, H: 0.01M)

Test: Zemax

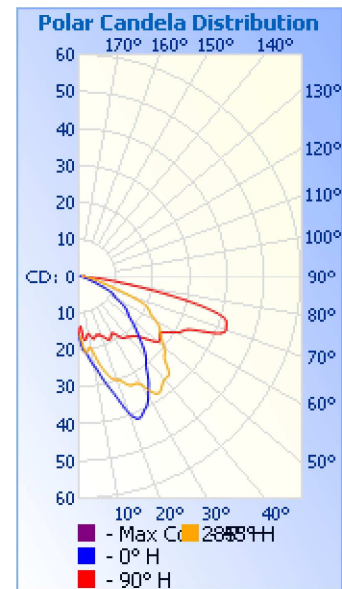
Test Date: 1 Mar 2018

Test Lab: Zemax

FLASHAREA: 0.003057

Photometry : Type C

Nema Type: 7 X 6



Roadway Summary

Cutoff Classification:	NONCUTOFF	
Distribution:	TYPE III, MEDIUM	
Max Cd, 90 Deg Vert:	4.6	
Max Cd, 80 to <90 Deg:	22.0	
	Lumens % Lamp	
Downward Street Side:	68.4	68.4%
Downward House Side:	20.4	20.4%
Downward Total:	88.8	88.8%
Total Lumens:	88.8	88.8%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	82.3%	82.3	164.1	129.2
Beam (50%):	48.8%	48.8	151.9	70.9
Total:	88.8%	88.8		

