



Optics Photometric Report

Filename: CS15771_STRADA-2X2MX-8-T2_CREE_MHB-B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CS15771_STRADA-2X2MX-8-T2_SIMULATED

Luminaire Cat: CS15771_STRADA-2X2MX-8-T2_SIMULATED

Lamp: CREE_MHB-B - 1.00 W

Lamp Cat: CS15771_STRADA-2X2MX-8-T2_SIMULATED

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

Max Candela: 91.4 at Horizontal: 80°, Vertical: 72°

Input Wattage: 1

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

Test: Zemax

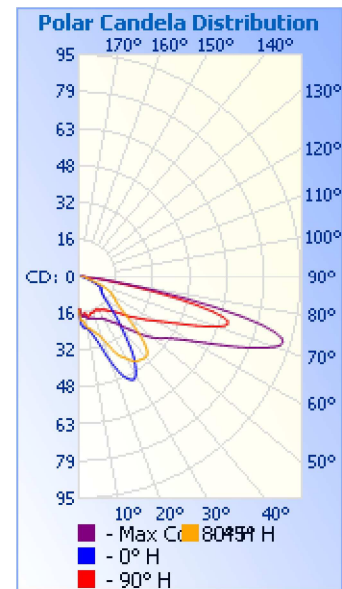
Test Date: 24 Jan 2018

Test Lab: Zemax

FLASHAREA: 0.003057

Photometry : Type C

Nema Type: 7 X 6



Roadway Summary

Cutoff Classification:	NONCUTOFF	
Distribution:	TYPE II, MEDIUM	
Max Cd, 90 Deg Vert:	3.4	
Max Cd, 80 to <90 Deg:	21.6	
	Lumens % Lamp	
Downward Street Side:	73.2	73.2%
Downward House Side:	20.5	20.5%
Downward Total:	93.7	93.7%
Total Lumens:	93.7	93.7%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	83%	83.0	160.6	112
Beam (50%):	26%	26.0	45.1	64.5
Total:	93.7%	93.7		

