



Optics Photometric Report

Filename: CA13897_STRADA-SQ-FS_(Cree_XHP35 HD)_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: CA13897_STRADA-SQ-FS_(Cree_XHP35 HD)_SIMULATED

Luminaire Cat: CA13897_STRADA-SQ-FS_(Cree_XHP35 HD)_SIMULATED

Lamp: Cree_XHP35 HD - 1.00 W

Lamp Cat: CA13897_STRADA-SQ-FS_(Cree_XHP35 HD)_SIMULATED

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

Max Candela: 100.9 at Horizontal: 350°, Vertical: 55°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.03M, W: 0.03M, H: 0.01M)

Test: Zemax

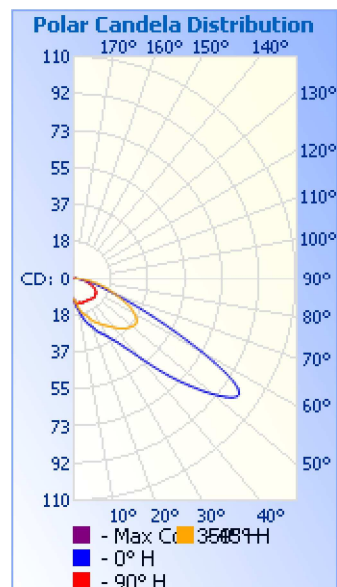
Test Date: 27 Mar 2018

Test Lab: Zemax

FLASHAREA: 0.000457

Photometry : Type C

Nema Type: 6 X 5



Roadway Summary

Cutoff Classification: CUTOFF

Distribution: TYPE III, VERY SHORT

Max Cd, 90 Deg Vert: 1.7

Max Cd, 80 to <90 Deg: 8.1

Lumens % Lamp

Downward Street Side: 76.3 76.3%

Downward House Side: 15.7 15.7%

Downward Total: 91.9 91.9%

Total Lumens: 91.9 91.9%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	79.9%	79.9	101	94.2
Beam (50%):	33.4%	33.4	67.6	25.8
Total:	91.9%	91.9		

