

Filename: C16052_STRADELLA-8-HV-ME-N_(Cree_XP-G2)_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C16052_STRADELLA-8-HV-ME-N_(Cree_XP-G2)_SIMULATED

Luminaire Cat: C16052_STRADELLA-8-HV-ME-N_(Cree_XP-G2)_SIMULATED

Lamp: Cree_XP-G2 - 1.00 W

Lamp Cat: C16052_STRADELLA-8-HV-ME-N_(Cree_XP-G2)_SIMULATED

Lamp Output: 1 lamp, rated Lumens/lamp: 800

Max Candela: 646.5 at Horizontal: 280°, Vertical: 62°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.05M, W: 0.05M, H: 0.01M)

Test: Zemax

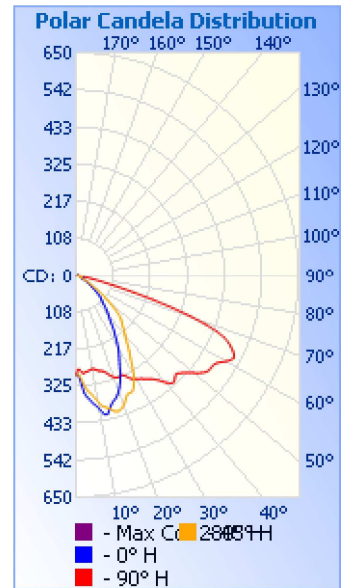
Test Date: 16 Apr 2018

Test Lab: Zemax

FLASHAREA: 0.000879

Photometry : Type C

Nema Type: 7 X 5


Roadway Summary

Cutoff Classification: CUTOFF

Distribution: TYPE I, SHORT

Max Cd, 90 Deg Vert: 17.9

Max Cd, 80 to <90 Deg: 25.9

Lumens % Lamp

Downward Street Side: 538.5 67.3%

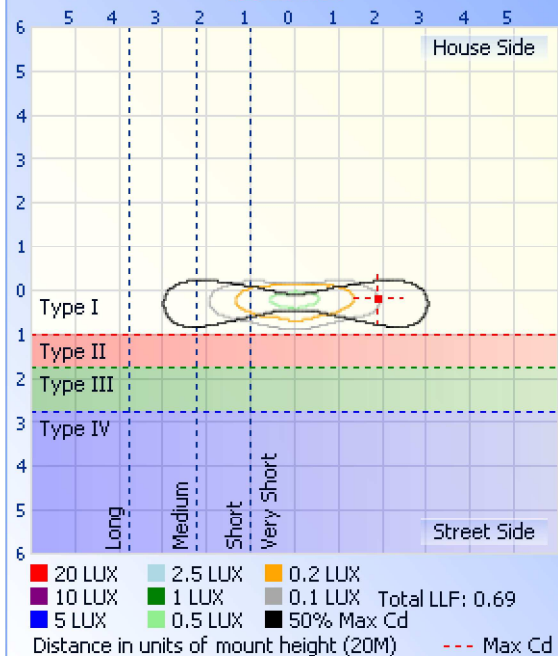
Downward House Side: 200.3 25%

Downward Total: 738.8 92.3%

Total Lumens: 738.8 92.3%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	81.5%	651.6	151.1	89.6
Beam (50%):	51%	407.6	142.1	53
Total:	92.3%	738.6		

Isolux Plot

IsoCandela Plot
