



Optics Photometric Report

Filename: C12609_VIRPI-W_SAMSUNG_LH351B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C12609_VIRPI-W_SIMULATED

Luminaire Cat: C12609_VIRPI-W_SIMULATED

Lamp: SAMSUNG_LH351B

Lamp Cat: C12609_VIRPI-W_SIMULATED

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

Max Candela: 117.1 at Horizontal: 180°, Vertical: 2°

Input Wattage: 1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.75M, W: 0.75M, H: 0.09M)

Test: Zemax

Test Date: 17 Nov 2017

Test Lab: Zemax

FLASHAREA: 0.204760

Photometry : Type C

Nema Type: 5 X 5

Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	1.8	
Max Cd, 80 to <90 Deg:	1.5	
Lumens % Lamp		
Downward Street Side:	47.8	47.8%
Downward House Side:	48.8	48.8%
Downward Total:	96.6	96.6%
Total Lumens:	96.6	96.6%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	87.1%	87.1	75.8	75.8
Beam (50%):	68.3%	68.3	55.4	55.3
Total:	96.7%	96.7		

