



Optics Photometric Report

Filename: C12609_VIRPI-W_SAMSUNG_LH351C_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C12609_VIRPI-W_SIMULATED

Luminaire Cat: C12609_VIRPI-W_SIMULATED

Lamp: SAMSUNG_LH351C

Lamp Cat: C12609_VIRPI-W_SIMULATED

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

Max Candela: 110.2 at Horizontal: 60°, Vertical: 16°

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:	1.5	
Max Cd, 80 to <90 Deg:	1.0	
Lumens % Lamp		
Downward Street Side:	48.9	48.9%
Downward House Side:	47.9	47.9%
Downward Total:	96.8	96.8%
Total Lumens:	96.8	96.8%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	88.2%	88.2	75.3	74.7
Beam (50%):	69.5%	69.5	55.1	53.4
Total:	96.8%	96.8		

