



Optics Photometric Report

Filename: C12608_VIRPI-M_SAMSUNG_LH351B_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C12608_VIRPI-M_SIMULATED

Luminaire Cat: C12608_VIRPI-M_SIMULATED

Lamp: SAMSUNG_LH351B

Lamp Cat: C12608_VIRPI-M_SIMULATED

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

Max Candela: 297.5 at Horizontal: 80°, Vertical: 1°

Input Wattage: 1

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

Test: Zemax

Test Date: 10 Nov 2017

Test Lab: Zemax

FLASHAREA: 0.204760

Photometry : Type C

Nema Type: 4 X 4

Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	2.4	
Max Cd, 80 to <90 Deg:	1.6	
	Lumens % Lamp	
Downward Street Side:	47.0	47%
Downward House Side:	47.2	47.2%
Downward Total:	94.3	94.3%
Total Lumens:	94.3	94.3%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	74.6%	74.6	55.2	56.5
Beam (50%):	33.3%	33.3	27.2	27.4
Total:	94.3%	94.3		

