



Optics Photometric Report

Filename: C12608_VIRPI-M_SAMSUNG_LH351C_SIMULATED_IESNA

Manufacturer: Ledil Oy

Luminaire: C12608_VIRPI-M_SIMULATED

Luminaire Cat: C12608_VIRPI-M_SIMULATED

Lamp: SAMSUNG_LH351C

Lamp Cat: C12608_VIRPI-M_SIMULATED

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

Max Candela: 279.9 at Horizontal: 245°, 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:	1.8	
Max Cd, 80 to <90 Deg:	1.2	
Lumens % Lamp		
Downward Street Side:	47.3	47.3%
Downward House Side:	46.7	46.7%
Downward Total:	94.0	94%
Total Lumens:	94.0	94%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	74.9%	74.9	56.5	57.5
Beam (50%):	35.6%	35.6	28	28
Total:	94%	94.0		

