

Report No.: MSL-374

Test Time: 2022-12-21 10:11

## Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Panel Ledvance 120x30 36W

Luminous Length (mm): 1115

Luminous Width (mm): 555

Voltage: 119.6 V

Current: 0.321 A

Power: 38.18 W

Power Factor: 0.992

## Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 4037.4 lm

Measurement Flux: 4037.4 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 162.9, 163.3, 163.2, 163.2

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 113.2, 114.3, 113.7, 113.7

Luminaire Efficacy Rating (LER): 105.80

Central Intensity: 1389.43 cd

Max. Intensity: 1389.65 cd

Pos of Max. Intensity: H40 V0

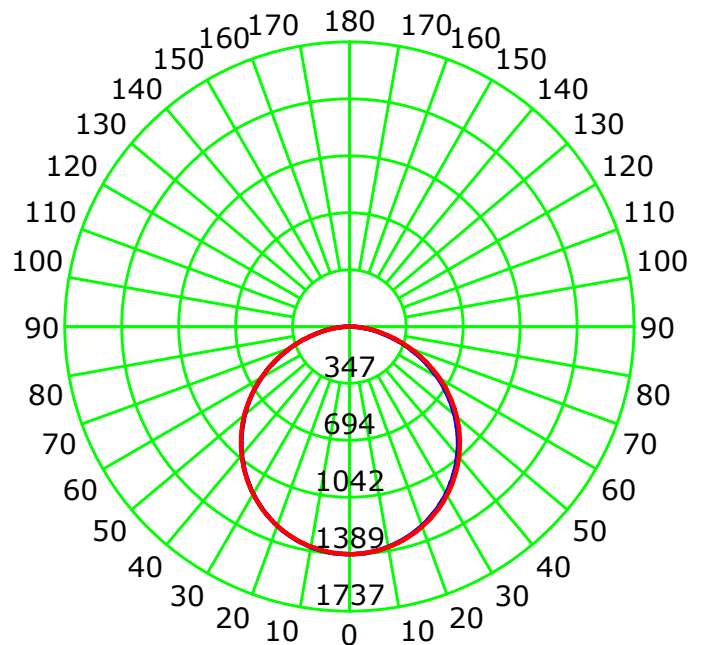
S/MH(C0/C180): 1.26

S/MH(C90/C270): 1.27

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

C Plane (°):0.0-360.0: 10.0

Test Lab: LABORATORIO STAND

Test Type: TYPE C

Temperature: 24.8 °C

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B — C90-C270

Distance: 11.931 m

Humidity: 43 %

Inspector: