

Report No.: MSL-74

Test Time: 2023-02-14 07:57

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Lum Stil Led Aplique Spot Luna 40W Osram

Luminous Length (mm): 85 Diametro

Luminous Width (mm): 85 Diametro

Voltage: 119.7 V

Current: 0.321 A

Power: 38.00 W

Power Factor: 0.988

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 3095.1 lm

Measurement Flux: 3095.1 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 81.6, 81.7, 81.7, 81.6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 34.1, 34.1, 34.2, 34.1

Luminaire Efficacy Rating (LER): 81.50

Central Intensity: 6035.44 cd

Max. Intensity: 6192.28 cd

Pos of Max. Intensity: H170 V3

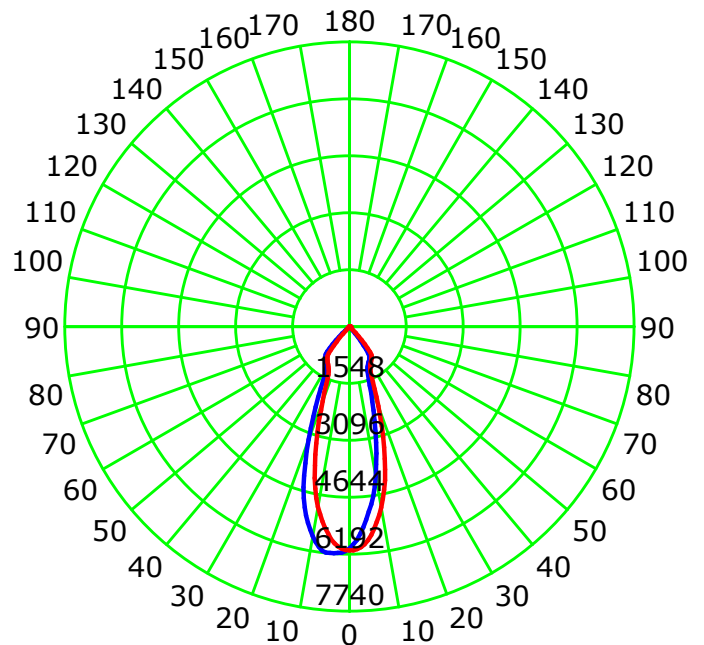
S/MH(C0/C180): 0.58

S/MH(C90/C270): 0.57

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: 24.5 °C

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B — C90-C270

Distance: 3.502 m

Humidity: 42.5 %

Inspector: