

Report No.: MSL-67

Test Time: 2022-10-13 11:46

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: High Bay Led IP40 2 Modulos 90W

Luminous Length (mm): 260

Luminous Width (mm): 240

Voltage: 219.7 V

Current: 0.402 A

Power: 87.51 W

Power Factor: 0.990

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 12383.4 lm

Measurement Flux: 12383.4 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 113.3, 115.8, 114.4, 114.4

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 92.9, 93.3, 93.2, 93.1

Luminaire Efficacy Rating (LER): 141.56

Central Intensity: 5868.51 cd

Max. Intensity: 6079.63 cd

Pos of Max. Intensity: H180 V27

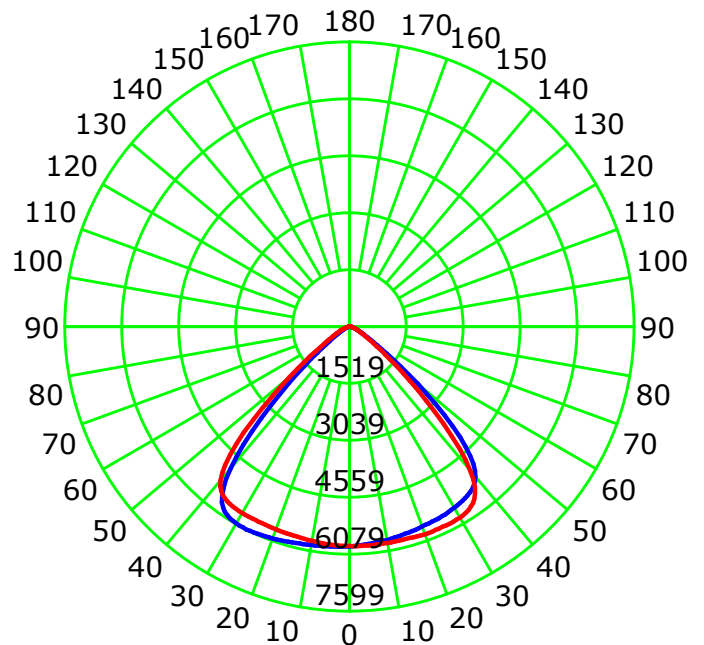
S/MH(C0/C180): 1.47

S/MH(C90/C270): 1.48

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: 25.1 °C

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B — C90-C270

Distance: 11.931 m

Humidity: 44.7 %

Inspector: