

Report No.: MSL-202

Test Time: 2023-03-10 15:10

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Mini Square Stil Led 1.25m 50W

Luminous Length (mm): 1243

Luminous Width (mm): 38

Voltage: 119.9 V

Current: 0.384 A

Power: 45.66 W

Power Factor: 0.990

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 4406.1 lm

Measurement Flux: 4406.1 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 159.6, 160.7, 160.2, 160.1

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 110.6, 112.8, 111.7, 111.7

Luminaire Efficacy Rating (LER): 96.55

Central Intensity: 1567.07 cd

Max. Intensity: 1567.6 cd

Pos of Max. Intensity: H170 V1

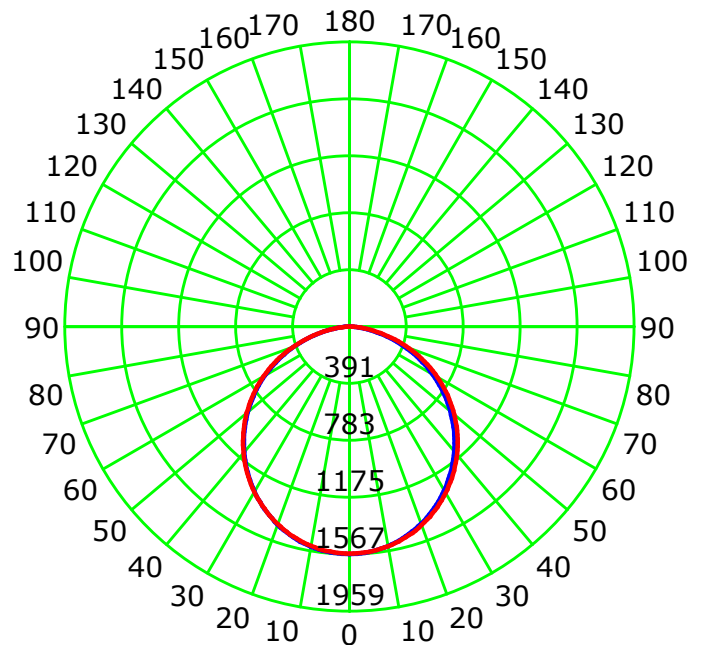
S/MH(C0/C180): 1.24

S/MH(C90/C270): 1.25

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: 24.7 °C

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B - C90-C270

Distance: 11.931 m

Humidity: 53.5 %

Inspector: