

Report No.: MSL-76

Test Time: 2023-02-14 12:46

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Aplique Stil Led De Muro UP-DOWN IP65 20W

Luminous Length (mm): 88 Diametro

Luminous Width (mm): 88 Diametro

Voltage: 119.7 V

Current: 0.167 A

Power: 19.85 W

Power Factor: 0.991

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 986.7 lm

Measurement Flux: 986.7 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 15.8, 17.7, 16.7, 17.4

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 8.2, 9.8, 8.8, 9.1

Luminaire Efficacy Rating (LER): 49.76

Central Intensity: 10355.88 cd

Max. Intensity: 12955.01 cd

Pos of Max. Intensity: H10 V2

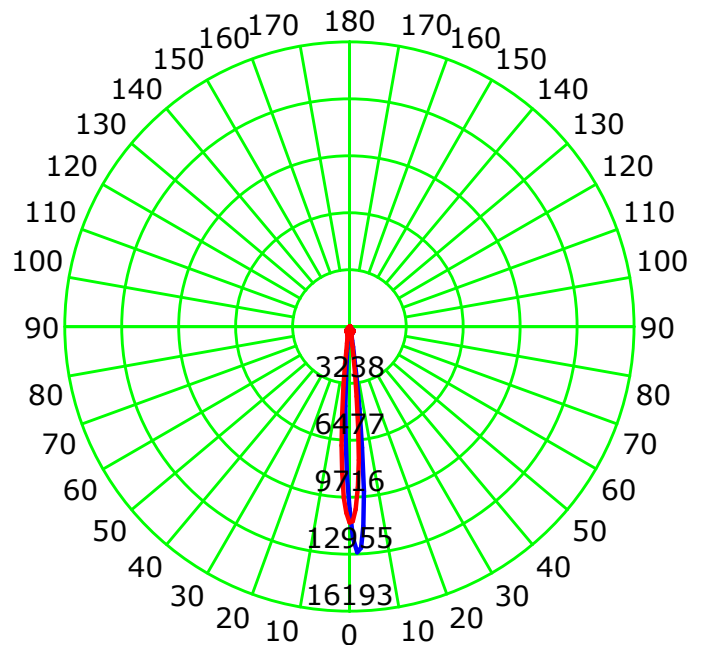
S/MH(C0/C180): 0.18

S/MH(C90/C270): 0.17

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: 25.8 °C

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B — C90-C270

Distance: 3.502 m

Humidity: 42.2 %

Inspector: