

Report No.: MSL-241

Test Time: 2022-11-25 09:26

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Aplique Stil Led Siliconado 20W

Luminous Length (mm): 270 Diametro

Luminous Width (mm): 270 Diametro

Luminous Height (mm): 25

Voltage: 119.8 V

Current: 0.173 A

Power: 20.57 W

Power Factor: 0.990

Photometric Results

CIE Class: Semi-Direct

Total Rated Lamp Lumens: 1928.6 lm

Measurement Flux: 1928.6 lm

Efficiency: 100%

Downward Ratio: 89%

Upward Ratio: 11%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 192.2, 191.4, 191.4, 191.3

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 119.9, 119.6, 119.8, 119.7

Luminaire Efficacy Rating (LER): 93.81

Central Intensity: 527.32 cd

Max. Intensity: 527.33 cd

Pos of Max. Intensity: H0 V0

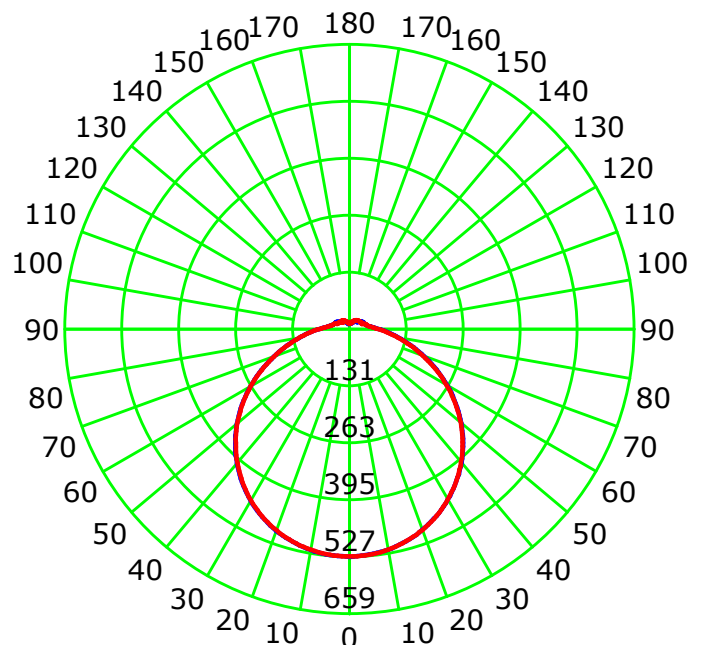
S/MH(C0/C180): 1.29

S/MH(C90/C270): 1.29

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 10.0

Test Lab: LABORATORIO STAND

Test Type: TYPE C

Temperature: 24.6 °C

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-180.0:1.0

Test Device: LSG-1700B

Distance: 3.502 m³ — C90-C270

Humidity: 46.3 %

Inspector: