

Report No.: MSL-31

Test Time: 2022-06-23 17:26

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Bala Stil Led Flat 8" 22W

Luminous Length (mm): 190 Diametro

Luminous Width (mm): 190 Diametro

Voltage: 119.7 V

Current: 0.174 A

Power: 20.75 W

Power Factor: 0.992

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 2129.8 lm

Measurement Flux: 2129.8 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 162.3, 162.9, 162.6, 162.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 108.7, 108.3, 108.6, 108.4

Luminaire Efficacy Rating (LER): 102.69

Central Intensity: 769.79 cd

Max. Intensity: 771.22 cd

Pos of Max. Intensity: H170 V0

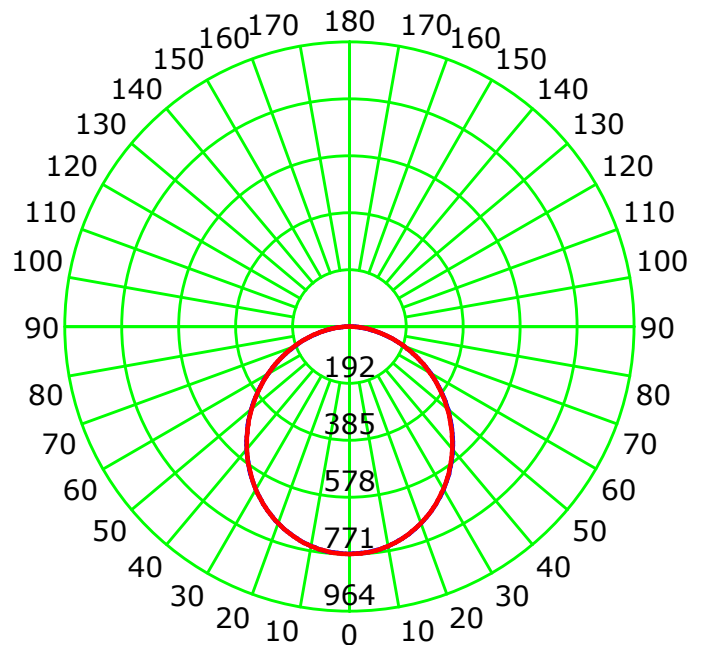
S/MH(C0/C180): 1.23

S/MH(C90/C270): 1.23

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: 3.502 m

Humidity: 55.36 %

Inspector: