

Report No.: MSL-231

Test Time: 2022-09-21 12:12

Luminaire Property

Luminaire Manufacturer: Stand Ilumianciones S.A.S

Luminaire Category: Interior

Luminaire Description: Bala Stil Led Recesada 55W

Luminous Length (mm): 180 Diametro

Luminous Width (mm): 180 Diametro

Voltage: 119.8 V

Current: 0.489 A

Power: 58.34 W

Power Factor: 0.994

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 5423.2 lm

Measurement Flux: 5423.2 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 147.6, 147.6, 147.6, 147.6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 92.2, 92.1, 92.3, 91.9

Luminaire Efficacy Rating (LER): 93.01

Central Intensity: 2473.38 cd

Max. Intensity: 2479.09 cd

Pos of Max. Intensity: H250 V1

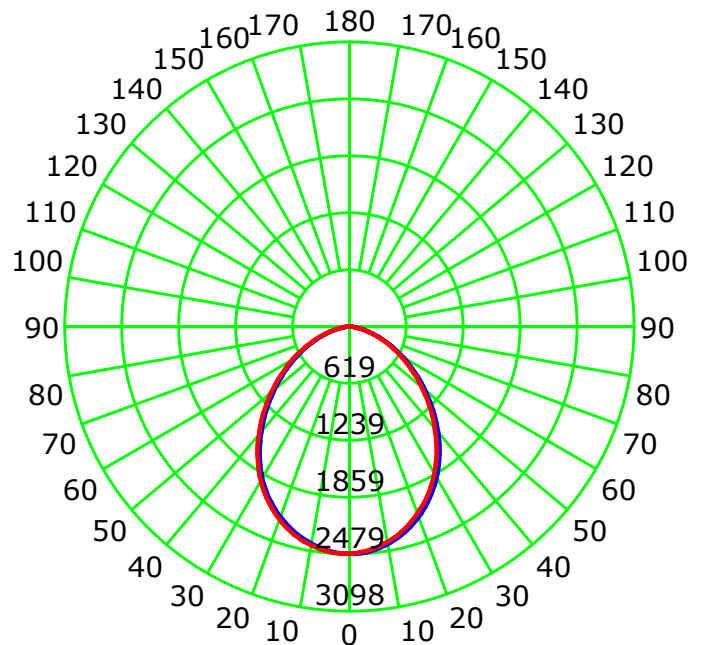
S/MH(C0/C180): 1.15

S/MH(C90/C270): 1.15

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: 3.502 m

Humidity: 46.4 %

Inspector: