

Report No.: MSL-217

Test Time: 2022-09-22 07:26

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Bala Stil Led Recesada 36W

Luminous Length (mm): 180 Diametro

Luminous Width (mm): 180 Diametro

Voltage: 119.7 V

Current: 0.300 A

Power: 35.79 W

Power Factor: 0.995

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 3868.4 lm

Measurement Flux: 3868.4 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 147.6, 147.7, 147.7, 147.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 91.9, 92.0, 92.0, 91.9

Luminaire Efficacy Rating (LER): 108.13

Central Intensity: 1757.76 cd

Max. Intensity: 1760.65 cd

Pos of Max. Intensity: H30 V1

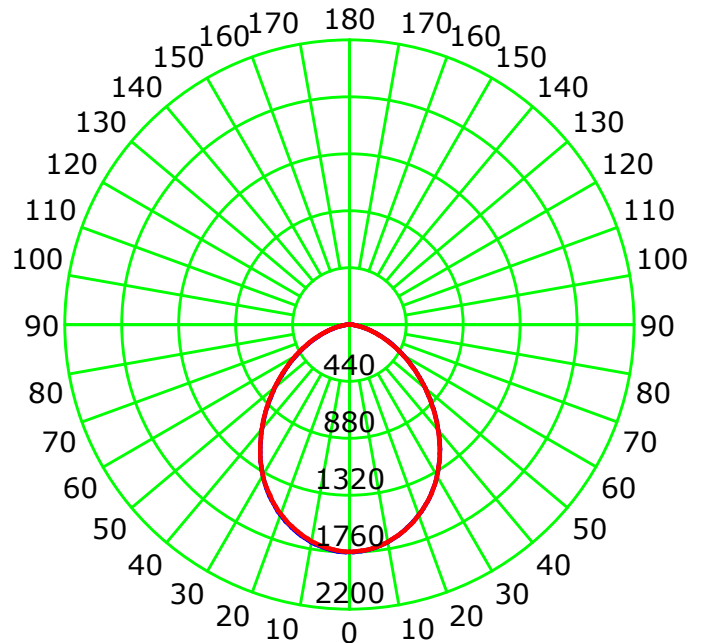
S/MH(C0/C180): 1.15

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 °C

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B - C90-C270

Distance: 3.502 m

Humidity: 48 %

Inspector: