

Report No.: MSL-75

Test Time: 2023-02-14 10:21

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Lum Stil Led Aplique Spot Cuadrado 40W Osram

Luminous Length (mm): 88 Diametro

Luminous Width (mm): 88 Diametro

Voltage: 119.6 V

Current: 0.330 A

Power: 39.18 W

Power Factor: 0.989

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 3362.8 lm

Measurement Flux: 3362.8 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 84.8, 84.5, 84.5, 84.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 34.2, 33.9, 33.9, 34.1

Luminaire Efficacy Rating (LER): 85.88

Central Intensity: 6433.5 cd

Max. Intensity: 6494.88 cd

Pos of Max. Intensity: H80 V2

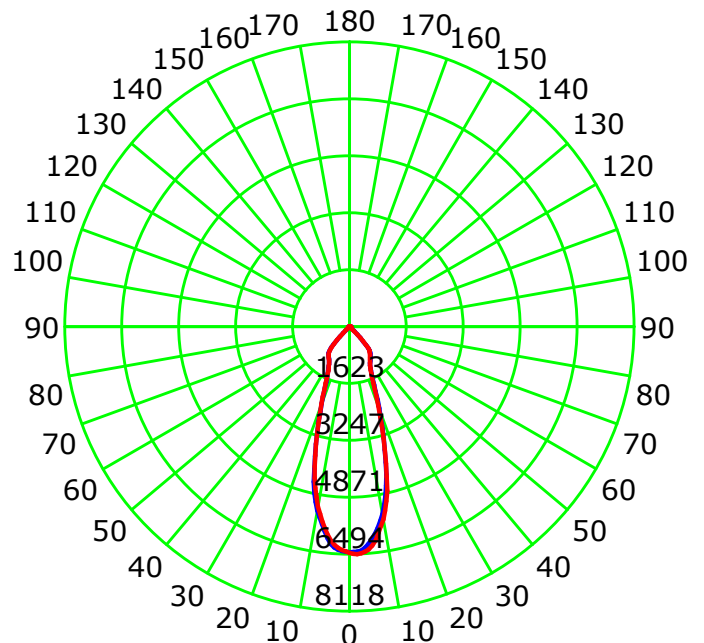
S/MH(C0/C180): 0.57

S/MH(C90/C270): 0.57

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: 24.8 ° C

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B - C90-C270

Distance: 3.502 m

Humidity: 44.4 %

Inspector: