

Report No.: MSL-361

Test Time: 2023-05-16 10:41

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Perfil STPL105 1.25m 40W

Luminous Length (mm): 1243

Luminous Width (mm): 25

Voltage: 119.9 V

Current: 0.337 A

Power: 40.11 W

Power Factor: 0.990

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 3773.0 lm

Measurement Flux: 3773 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 158.7, 159.7, 159.0, 159.1

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 103.0, 107.8, 105.1, 105.3

Luminaire Efficacy Rating (LER): 94.12

Central Intensity: 1429.33 cd

Max. Intensity: 1435.32 cd

Pos of Max. Intensity: H170 V0

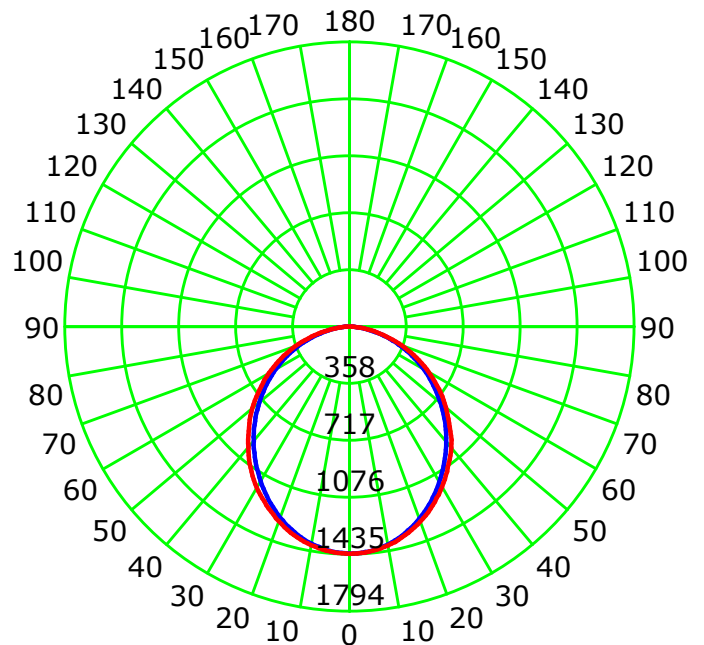
S/MH(C0/C180): 1.18

S/MH(C90/C270): 1.22

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: 24.9 °C

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B — C90-C270

Distance: 11.931 m

Humidity: 47 %

Inspector: