

Report No.: MSL-43

Test Time: 2022-07-21 12:58

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Lum Stil Led Linear Square 50W

Luminous Length (mm): 1190

Luminous Width (mm): 60

Voltage: 119.8 V

Current: 0.386 A

Power: 45.86 W

Power Factor: 0.990

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 4666.9 lm

Measurement Flux: 4666.9 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 157.2, 158.6, 157.8, 157.8

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 102.5, 106.3, 104.3, 104.3

Luminaire Efficacy Rating (LER): 101.81

Central Intensity: 1796.54 cd

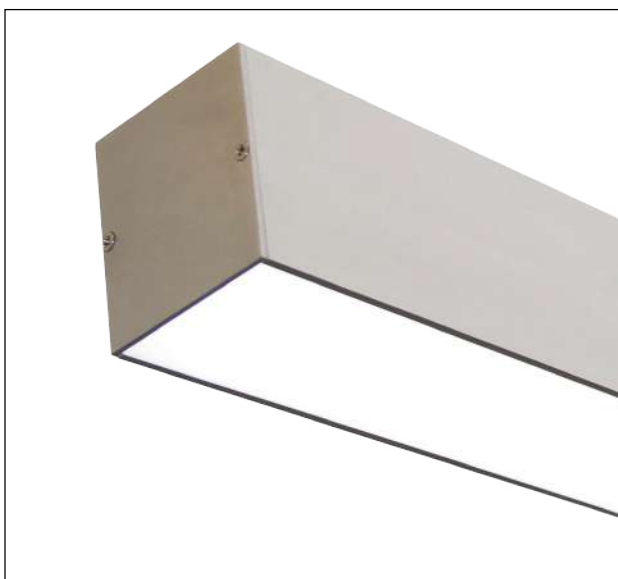
Max. Intensity: 1796.7 cd

Pos of Max. Intensity: H170 V1

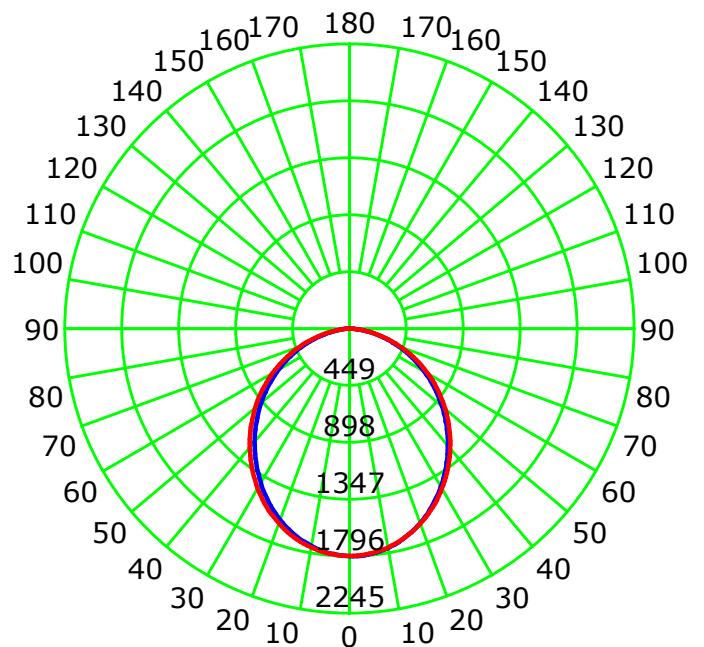
S/MH(C0/C180): 1.18

S/MH(C90/C270): 1.21

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: 24.6 °C

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B — C90-C270

Distance: 11.931 m

Humidity: 46.4 %

Inspector: