

Report No.: MSL-151

Test Time: 2022-06-23 15:22

## Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Bala Stil Led Flat 7" 16W

Luminous Length (mm): 155 Diametro

Luminous Width (mm): 155 Diametro

Voltage: 119.8 V

Current: 0.129 A

Power: 15.39 W

Power Factor: 0.993

## Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 1544.5 lm

Measurement Flux: 1544.5 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 164.3, 163.9, 164.2, 164.1

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 111.8, 111.7, 111.3, 112.3

Luminaire Efficacy Rating (LER): 100.41

Central Intensity: 537.78 cd

Max. Intensity: 538.87 cd

Pos of Max. Intensity: H150 V1

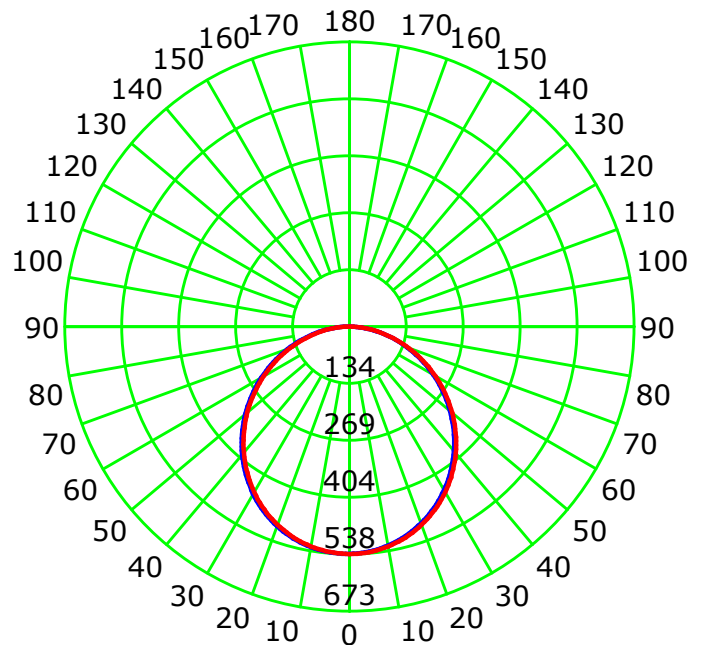
S/MH(C0/C180): 1.25

S/MH(C90/C270): 1.25

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: 24.45 °C

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B - C90-C270

Distance: 3.502 m

Humidity: 47.91 %

Inspector: