

Report No.: MSL-297

Test Time: 2021-06-08 14:04

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Luminaria Stil Led Murano 90cm 80W

Luminous Length (mm): 900 Diametro

Luminous Width (mm): 900 Diametro

Voltage: 119.8 V

Current: 0.686 A

Power: 82.12 W

Power Factor: 0.997

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 8068.4 lm

Measurement Flux: 8068.4 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 162.6, 161.2, 161.7, 162.2

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 117.6, 116.0, 116.5, 116.7

Luminaire Efficacy Rating (LER): 98.30

Central Intensity: 2708.64 cd

Max. Intensity: 2709.46 cd

Pos of Max. Intensity: H30 V0

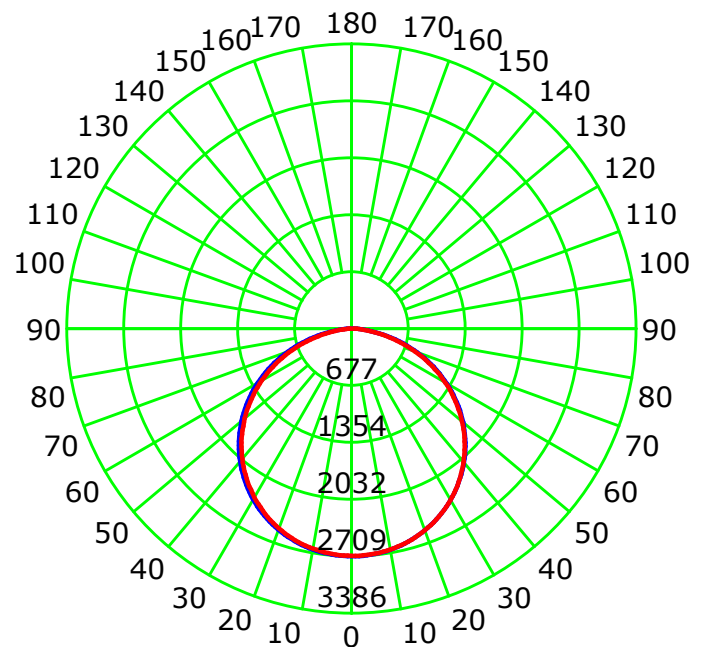
S/MH(C0/C180): 1.29

S/MH(C90/C270): 1.28

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: 24.02

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B - C90-C270

Distance: 11.749 m

Humidity: 52.95

Inspector: