

Report No.: MSL-171

Test Time: 2021-10-07 11:50

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Exterior

Luminaire Description: Luminaria Stil Led Soprt Arena 2-G 640W 15°

Luminous Length (mm): 520

Luminous Width (mm): 480

Voltage: 214.3 V

Current: 2.977 A

Power: 631.13 W

Power Factor: 0.988

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 81572.8 lm

Measurement Flux: 81572.8 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 38.1, 41.0, 40.1, 40.6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 17.9, 20.2, 17.6, 20.1

Luminaire Efficacy Rating (LER): 129.30

Central Intensity: 459435.72 cd

Max. Intensity: 461819.54 cd

Pos of Max. Intensity: H185 V1

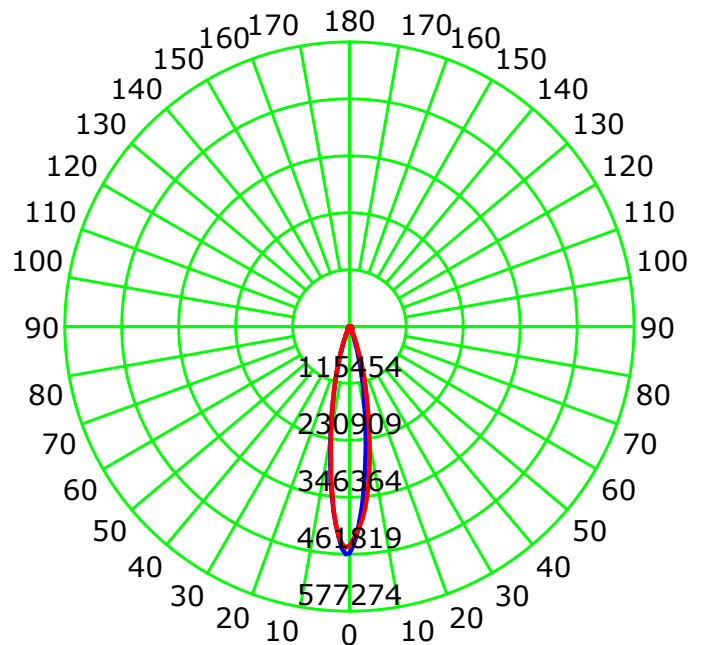
S/MH(C0/C180): 0.31

S/MH(C90/C270): 0.35

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

C Plane (°):0.0-360.0: 5.0

Gamma Plane (°):0.0-90.0:1.0

Test Lab:

Test Device: LSG-1700B C90-C270

Test Type: TYPE C

Distance: 11.684 m

Temperature: 26

Humidity: 43.29

Operator: Cristian Herrera Arismendy

Inspector: