

Report No.: MSL-179

Test Time: 2021-10-12 08:49

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Exterior

Luminaire Description: Luminaria Stil Led Sport Arena 2-G 960W 15°

Luminous Length (mm): 780

Luminous Width (mm): 480

Voltage: 213.5 V

Current: 4.479 A

Power: 946.54 W

Power Factor: 0.989

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 120551.4 lm

Measurement Flux: 120551.4 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 37.9, 40.5, 39.6, 40.3

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 17.6, 19.4, 17.4, 19.6

Luminaire Efficacy Rating (LER): 127.41

Central Intensity: 651602.5 cd

Max. Intensity: 702465.25 cd

Pos of Max. Intensity: H70 V2

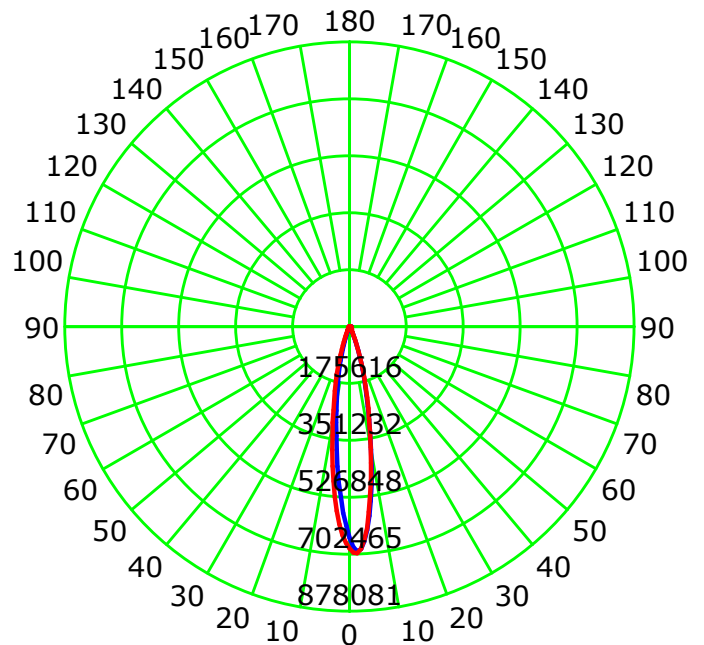
S/MH(C0/C180): 0.33

S/MH(C90/C270): 0.34

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

C Plane (°):0.0-360.0: 5.0

Test Lab: Laboratotio Stand

Test Type: TYPE C

Temperature: 24.91

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B C90-C270

Distance: 11.684 m

Humidity: 46.28

Inspector: