

Report No.: MSL-155

Test Time: 2021-02-09 12:18

## Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Exterior

Luminaire Description: High Bay IP66 2-G 80W 15°

Luminous Length (mm): 130

Luminous Width (mm): 240

Voltage: 219.7 V

Current: 0.378 A

Power: 80.90 W

Power Factor: 0.972

## Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 10002.8 lm

Measurement Flux: 10002.8 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 41.3, 44.1, 44.2, 44.0

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 19.5, 21.6, 19.4, 21.4

Luminaire Efficacy Rating (LER): 123.69

Central Intensity: 43600.53 cd

Max. Intensity: 45968.81 cd

Pos of Max. Intensity: H115 V2

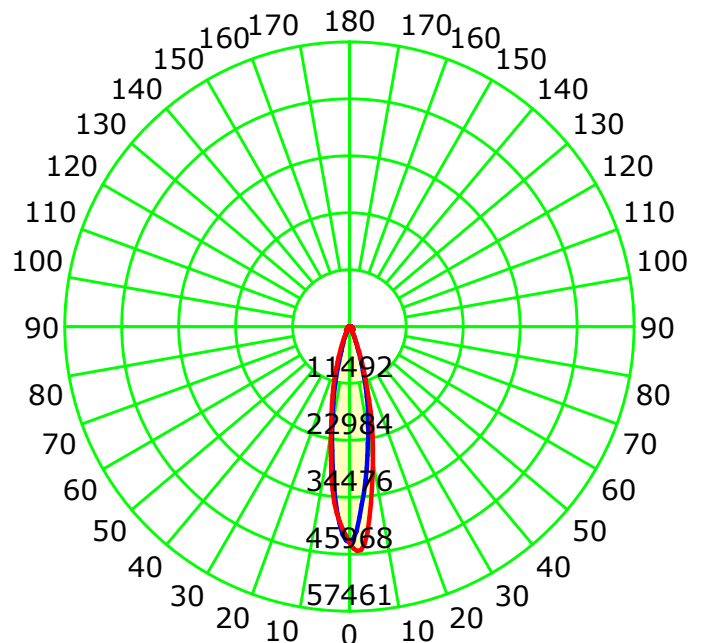
S/MH(C0/C180): 0.33

S/MH(C90/C270): 0.38

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

C Plane (°):0.0-360.0: 5.0

Test Lab:

Test Type: TYPE C

Temperature: 24.6

Operator: Cristian Herrera Arismendy

Average Diffuse Angle(50%): 20.6°

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B — C90-C270

Distance: 11.700 m

Humidity:

Inspector: