

Report No.: MSL-157

Test Time: 2021-02-22 13:45

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Exterior

Luminaire Description: High Bay IP66 2-G 160W 15°

Luminous Length (mm): 260

Luminous Width (mm): 240

Voltage: 220.1 V

Current: 0.716 A

Power: 155.83 W

Power Factor: 0.988

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 22094.7 lm

Measurement Flux: 22094.7 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 38.8, 41.4, 40.7, 40.9

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 18.0, 20.2, 17.4, 20.3

Luminaire Efficacy Rating (LER): 141.84

Central Intensity: 110878.95 cd

Max. Intensity: 114204.36 cd

Pos of Max. Intensity: H30 V1

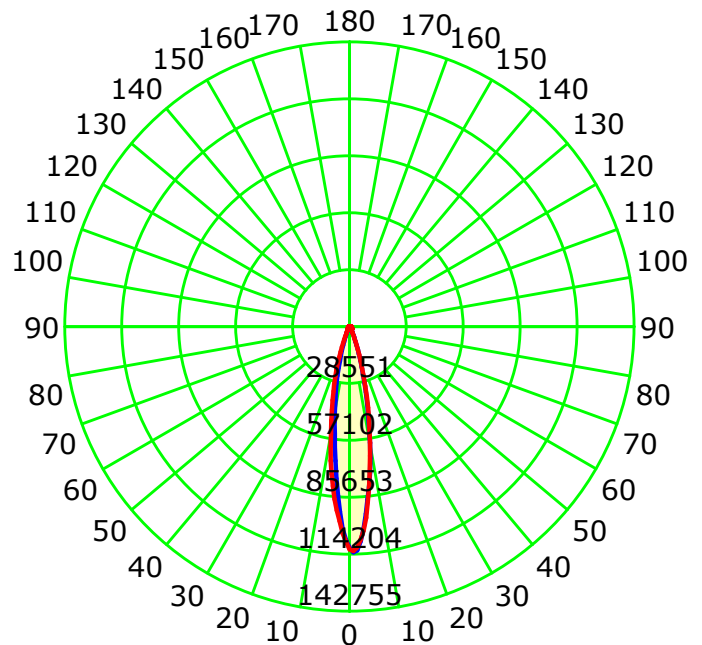
S/MH(C0/C180): 0.32

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:

Test Type: TYPE C

Temperature: 25.4

Operator: Cristian Herrera Arismendy

Average Diffuse Angle(50%): 19.1°

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B — C90-C270

Distance: 11.700 m

Humidity:

Inspector: