

Report No.: MSL-154

Test Time: 2021-02-09 08:33

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Exterior

Luminaire Description: High Bay IP66 2-G 400W 15°

Luminous Length (mm): 650

Luminous Width (mm): 240

Voltage: 219.4 V

Current: 1.832 A

Power: 396.10 W

Power Factor: 0.985

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 52810.9 lm

Measurement Flux: 52810.9 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 36.9, 40.2, 38.5, 39.3

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 17.3, 19.4, 17.3, 19.1

Luminaire Efficacy Rating (LER): 133.38

Central Intensity: 308933.91 cd

Max. Intensity: 315121.66 cd

Pos of Max. Intensity: H40 V1

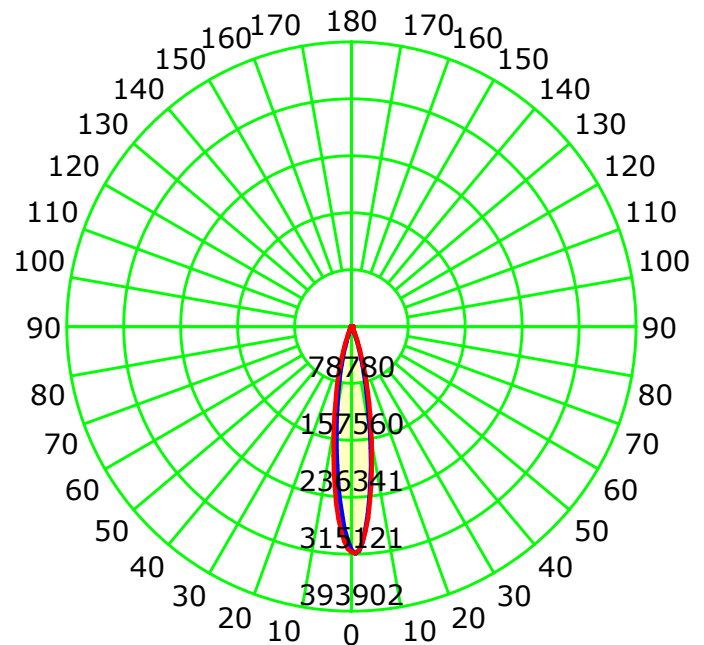
S/MH(C0/C180): 0.30

S/MH(C90/C270): 0.33

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 18.4°

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: 11.700 m

Temperature: 25.4

Humidity:

Operator: Cristian Herrera Arismendi

Inspector: