

Report No.: MSL-164

Test Time: 2021-06-24 15:18

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Exterior

Luminaire Description: High Bay IP66 2-G 240W 15°

Luminous Length (mm): 390

Luminous Width (mm): 240

Voltage: 219.8 V

Current: 1.091 A

Power: 235.93 W

Power Factor: 0.983

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 31153.2 lm

Measurement Flux: 31153.2 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 38.1, 41.7, 40.1, 40.6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 18.3, 20.9, 18.6, 20.1

Luminaire Efficacy Rating (LER): 132.09

Central Intensity: 172765.23 cd

Max. Intensity: 173686.69 cd

Pos of Max. Intensity: H85 V0

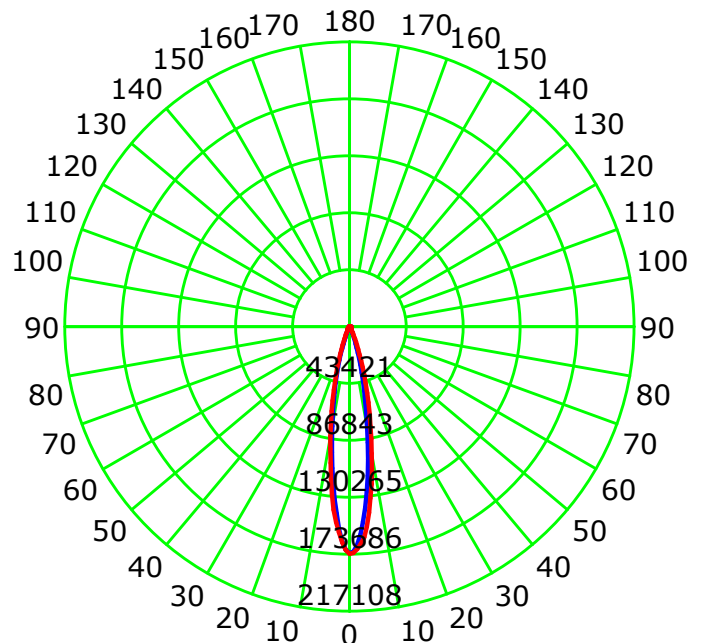
S/MH(C0/C180): 0.31

S/MH(C90/C270): 0.36

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

C Plane (°):0.0-360.0: 5.0

Test Lab: LABORATORIO STAND

Test Type: TYPE C

Temperature: 25.56

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B - C90-C270

Distance: 3.458 m

Humidity: 49.28

Inspector: