

Report No.: MSL-158

Test Time: 2021-06-21 11:59

## Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Exterior

Luminaire Description: High Bay IP66 2-G 320W 15°

Luminous Length (mm): 520

Luminous Width (mm): 240

Voltage: 219.7 V

Current: 1.435 A

Power: 311.85 W

Power Factor: 0.988

## Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 41781.8 lm

Measurement Flux: 41781.8 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 37.8, 41.9, 40.0, 40.6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 18.2, 21.0, 18.3, 20.2

Luminaire Efficacy Rating (LER): 134.03

Central Intensity: 221393.33 cd

Max. Intensity: 236631.32 cd

Pos of Max. Intensity: H35 V2

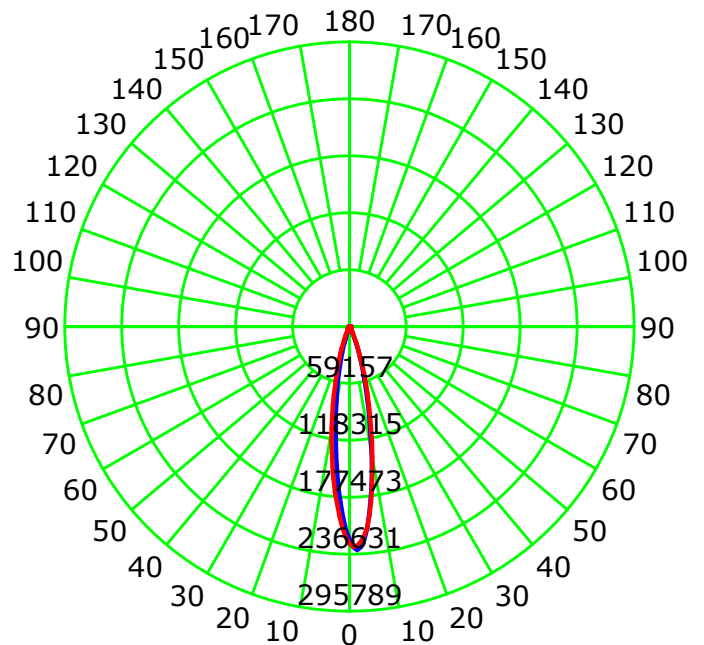
S/MH(C0/C180): 0.33

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: 24.87

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B - C90-C270

Distance: 3.458 m

Humidity: 46.87

Inspector: