

Report No.: MSL-184

Test Time: 2022-09-14 08:17

Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Exterior

Luminaire Description: High Bay Canopy 80W

Luminous Length (mm): 130

Luminous Width (mm): 240

Voltage: 219.4 V

Current: 0.370 A

Power: 79.19 W

Power Factor: 0.973

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 10709.5 lm

Measurement Flux: 10709.5 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 110.3, 112.1, 110.8, 111.1

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 87.7, 88.0, 87.6, 87.6

Luminaire Efficacy Rating (LER): 135.29

Central Intensity: 5273.64 cd

Max. Intensity: 5704.5 cd

Pos of Max. Intensity: H140 V31

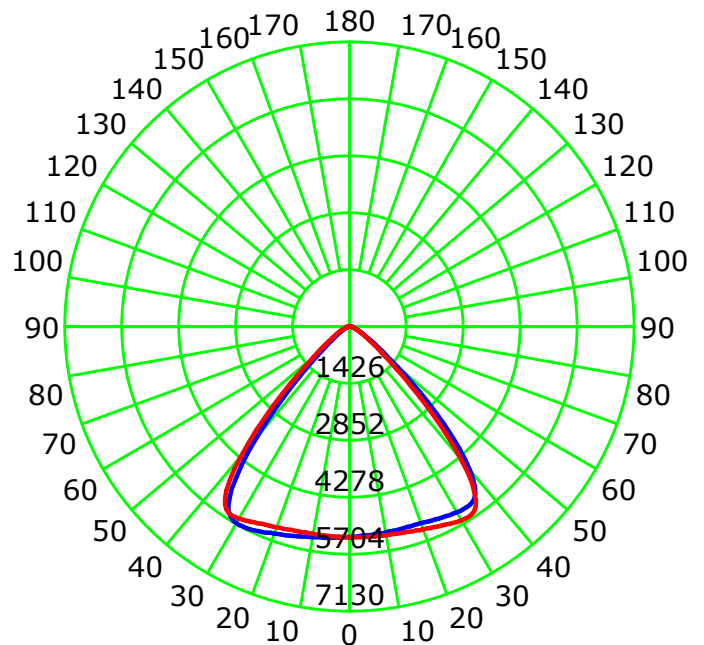
S/MH(C0/C180): 1.48

S/MH(C90/C270): 1.51

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

C Plane (°):0.0-360.0: 10.0

Test Lab: LABORATORIO STAND

Test Type: TYPE C

Temperature: 24.5 °C

Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B — C90-C270

Distance: 11.931 m

Humidity: 45 %

Inspector: