

PHOTOMETRIC MEASUREMENT REPORT N° FOG 200 quadrato

Photometric measurement date: 16/06/2022

Company: LANDA

Operator: /Roberto

Type of photometric measurement: C - Gamma

The measurements have been performed in the following laboratory ambient conditions:

Temperature: 23°C+/-2°C

Relative humidity: 50%U.R.+/-15%U.R.

Air turbulence: < 0.2 m/s

Stabilization time before measurement: 1 hour

Regulations applied: UNI-EN 13032-4

Electro Magnetic Compatibility (EMC): Shielded instrument

Luminaire name: FOG 200 quadrato

Eulumdat reference: FOG 200 quadrato

Size of luminaire (mm): 200 x 200 x 78

Size of luminous area (mm): 200 x 200

Number n of standard sets of lamps (optional): 1

Number of lamps: 1

Type of light source: Mid Power Led

Total luminous flux of the light source (lm): 2920

Output luminous flux of the lamp (lm): 942

Colour temperature (K): 2932

Colour rendering index: 94

Supply current (mA): 1050

Source power (W): 20.5

Power consumption included source power (W): 26.5

LED module efficacy (lm/W): 142.44

System light efficacy (lm/W): 110.19

Luminaire light efficacy (lm/W): 35.55

Light Output Ratio of luminaire (LOR): 100

Downward Flux Fraction (DFF): 100

Upward Flux Fraction (UFF): 0.00

Tilt during measurement (for street luminaires): 0