

PHOTOMETRIC MEASUREMENT REPORT N° KALAN 550

Photometric measurement date: 17/06/2022

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: KALAN 550

Eulumdat reference: KALAN 550

Size of luminaire (mm): 126 x 550 x 65

Size of luminous area (mm): 5 x 540

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

Number of lamps: 1

Type of light source: Strip Power Led

Total luminous flux of the light source (lm): 280

Output luminous flux of the lamp (lm): 210

Colour temperature (K): 3080

Colour rendering index: 90

Supply current (mA): 24V

Source power (W): 8

Power consumption included source power (W): 10

LED module efficacy (lm/W): 35,12

System light efficacy (lm/W): 28,00

Luminaire light efficacy (lm/W): 21,00

Downward Flux Fraction (DFF): 50

Upward Flux Fraction (UFF): 50.00

Tilt during measurement (for street luminaires): 0