# DATASHEET

**L&L** Luce&Light

Made in Italy

## Flori 1.0, code: FS10101FMT
Projectors for outdoor applications

CE  UKCA  CB  EHC  LED TECH  kg 0,80  IP66  IK07  IPS  PID  A↔G F
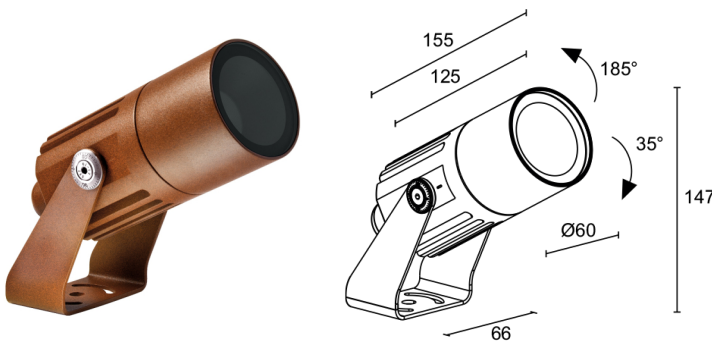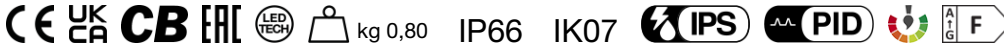


## DESCRIPTION

projector for outdoor applications; surface mounted (ceiling, wall, ground, spike, strap); Power consumption: 7W; Power supply: 230Vac; Lumen output at source: 608 lm (3000K, CRI >90); Delivered lumen output: 296 lm (3000K, 31°, CRI >90); 1 power LED High Intensity, 3-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 2700K; Optics: 31°; CRI Colour Rendering Index: >90; Body material: body in aluminium; Finishes: cor-ten; RAL finish on request; Screen material: screen in serigraphed, transparent and tempered extra-clear glass; built-in power supply unit; includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm; Ingress protection: IP66; Impact resistance: IK07; version with 24Vdc power supply available on request; Protection systems: IPS (Intelligent Protection System) protects lighting fixtures from water infiltrations, which can occur if there are faulty junctions between the cables in outdoor or underwater applications. This innovation, patented by L&L, also guarantees electrical protection against polarity reversal, hot plugging, ESD and power surges, which can occur if there are faults in the electrical circuit; The PID (Protective Impedance Device) protects lighting fixtures from electrical phenomena external to the system, such as static electricity accumulation or electromagnetic interference coming from the mains power. Generally, these are events with a low energy content; Operating temperature: -20°C — +45°C; Glow wire test: 960°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class I; Weight: 800 g; Dimensions: Ø60x154x147 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; Accessories: WB1001T Standard snoot - cor-ten, WB1002T Asymmetrical snoot - cor-ten, WB1003N Barn doors - black, WHA0005 Honeycomb louvre , WP0100 Spike for in-ground installation, WP1001T Spike with bracket for in-ground installation - h 500 mm - cor-ten, WP1002T Spike with bracket for in-ground installation - h 800 mm - cor-ten, WP1003T Arm with bracket for wall-mounted installation - h 420 mm - cor-ten, WP1004 Fastener strap - 5 m; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Status: Available

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## ELECTRICAL CHARACTERISTICS

| | |
|---|---|
| Power consumption | 7W |
| Power supply | 230Vac |
| Power supply unit | built-in power supply unit |

## LIGHTING CHARACTERISTICS

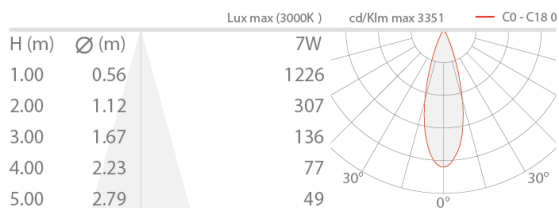| | |
|---|---|
| Number and type of LED | 1 power LED High Intensity |
| Average LED life | 50 000h L90 B10 (Ta 25°C) |
| LED colour | 2700K |
| CRI Colour Rendering Index | >90 |
| Binning | 3-step MacAdam |
| Optics | 31° |
| Lumen output at source | 608 lm (3000K, CRI >90) |
| Delivered lumen output | 296 lm (3000K, 31°, CRI >90) |

## MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Dimensions | Ø60x154x147 mm |
| Weight | 800 g |
| Finishes | cor-ten |
| Mounting | with bracket, screws and plugs |
| Body material | body in aluminium |
| Screen material | screen in serigraphed, transparent, tempered extra-clear glass |

## GENERAL CHARACTERISTICS

| | |
|---|---|
| Ingress protection | IP66 |
| Operating temperature | -20°C — +45°C |
| Impact resistance | IK07 |
| Energy efficiency class | F (light source) in accordance with EU 2019/2015 |
| Glow wire test | 960°C |
| Appliance class | class I |
| Walkover | no |
| Drive-over | no |
| Power cables | includes 1.5 m neoprene cable H05RN-F 3x1,0 Ø7 mm |
| Protection systems | IPS (Intelligent Protection System); PID (Protective Impedance Device) |
| Photobiological safety | photobiological safety: risk group 1 according to EN 62471:2006 |
| Notes | version with 24Vdc power supply available on request |

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## PHOTOMETRIC DATA

### M - 31° CRI 80

Lux max (3000K)    cd/Klm max 3351    — C0 - C18 0

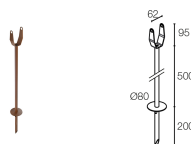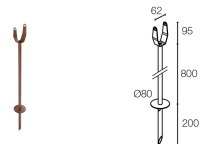| H (m) | Ø (m) | 7W |
|-------|-------|------|
| 1.00 | 0.56 | 1226 |
| 2.00 | 1.12 | 307 |
| 3.00 | 1.67 | 136 |
| 4.00 | 2.23 | 77 |
| 5.00 | 2.79 | 49 |

## ACCESSORIES

### Installation Accessories

**WP0100**
Spike for in-ground installation

**WP1001T**
Spike with bracket for in-ground installation - h 500 mm - cor-ten

**WP1002T**
Spike with bracket for in-ground installation - h 800 mm - cor-ten

**WP1003T**
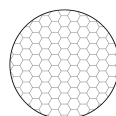Arm with bracket for wall-mounted installation - h 420 mm - cor-ten

### Anti-glare

**WB1001T**
Standard snoot - cor-ten

**WB1002T**
Asymmetrical snoot - cor-ten

**WB1003N**

**WHA0005**

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Barn doors - black

Honeycomb louvre
built into the lighting fixture

Order together with the lighting fixture

## Other

WP1004
Fastener strap - 5 m

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