Noctule

Technical specification / 10111

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Generated from current saved product details, specification notes and published FAQs. Downloaded copies are dated snapshots. Regenerate after changes. Unanswered fields are omitted. Check suitability for your project before installation.

01 Product overview

Noctule

Product code	10111
Product reference	10111
Rated power (standard LED)	1.6 W
Ingress protection	IP68
Standard cable length	2.00 m
Warranty period	10 years

Product record updated: 2026-09-30 20:54:40

Specification notes revision: 3

02 Light & electrical

Available LED options (colour / power)	2700K warm white; Monochromatic amber (1.6 W nominal LED)
Dimming method	Constant current version: subject to driver - all methods available Constant voltage version: Triac dimming
Beam / distribution	60 degrees
Colour rendering	2700K: 80 CRI Monochromatic amber: Not applicable
Nominal LED power	1.6 W
Supply / wiring	DC supply; parallel wiring with parallel protection circuit
2700K warm white supply current / input power	12V DC: 0.16 A / 1.92 W 15V DC: 0.12 A / 1.80 W 24V DC: 0.07 A / 1.68 W
Monochromatic amber supply current / input power	12V DC: 0.13 A / 1.56 W 15V DC: 0.11 A / 1.65 W 24V DC: 0.06 A / 1.44 W
Electrical measurement notes	Supply current is measured; input power is calculated as voltage multiplied by current. Nominal LED wattage is separate from supply input power. Figures apply to the US parallel-protection build.

03 Mechanical & construction

Dimensions	Head: 34.5mm diameter, length 54mm. Main Rod section: 12.7mm in diameter - 600mm long Ground rod: 10mm in diameter - 200mm long
Body material by finish	Hand aged brass: CNC machined Brass CZ121
Available finishes	Hand aged brass
Mounting and fixings	200mm long Ground spike included

Additional component materials / construction notes	Lens: CNC Machined Acrylic LED board: Aluminium core 2 layer Circuit board: FR4 Cable: PVC double insulated O-rings: Silicone

04 Installation

Ambient temperature	-10C to +40C
Cable specification	PCV twin wall -30C to +70C

05 Service & circularity

Serviceable components	LED board Circuit PCB with cable Lens Top Back Hinge 300mm outlet rod 300mm extension rod 200mm ground rod O-rings
Warranty terms	10 years
Packaging and disposal	Cardboard tube with Polypropylene end caps

06 Product FAQs

Which LED colors are available in the U.S.?

For the U.S. range, you can choose 2700K warm white or monochromatic amber. Select your preferred LED color when configuring the light.

Is this light FWC approved?

Technically speaking, none of the lights on the FWC approval list are approved any longer. FWC did their last approval in 2022 and state a clear 2 year validity period. It's impossible to get on the list now, as the FWC is short-staffed and haven't reopened certification.

We do use the same LED chip as one of the older, originally approved lights on the FWC list.

What bulb does this fitting take?

It's an intergrated LED - that is user-replaceable! We supply the replaceable LED's beyond their 10 year warranty for as little as £14/$17