

Sentinel

Twin-head floodlight



20 W
Power

220–240 V
Supply

IP65
Rating

I
Class

3/4/5K
CCT

Installation and user instructions

Model: SENTNL-20-8345-W-M
SENTNL-20-8345-B-M

Important safety information

Warning — risk of electric shock

Installation must only be carried out by a person authorised to do electrical work. Always isolate the supply at the switchboard and verify the circuit is dead before commencing work.

- Do not install or operate if damaged. Do not modify.
- Do not cover with thermally insulating material.
- Light source is not user-replaceable — do not open the sealed housing.
- Supply must be protected by a suitably rated MCB and RCD in accordance with AS/NZS 3000.
- Mount securely to a sound surface. Recommended mounting height: 2.0 m or higher, in a position where the luminaire cannot be easily reached or damaged.
- This luminaire is not dimmable. Do not connect to any dimmer or dimming control.

What's in the box

- Sentinel luminaire with backing plate and factory-fitted flying leads
- Mounting ring · 2 × wall plugs · 2 × mounting screws
- 2 × silicone cable plugs · 1 × 5 × 14 mm locking screw · 1 × seal plug
- This instruction sheet

Technical specifications

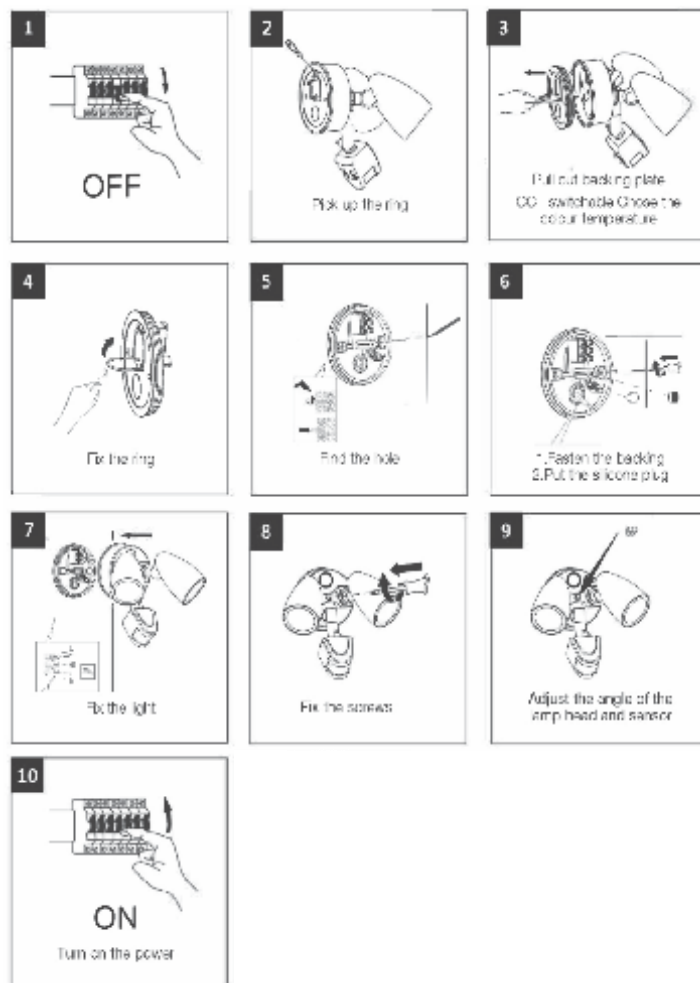
Specification	Value
Rated supply	220–240 V AC, 50/60 Hz
Rated power	20 W (2 × 10 W), PF > 0.9, ≈ 100 lm/W
Colour	CRI ≥ 80, 3000 / 4000 / 5000 K selectable, 110° beam
Lifetime (L70 B50)	50,000 hours
Protection	Class I · IP65 · IK04
Rated ambient (t _a)	[to confirm — e.g. 40 °C]
Light source	Integrated LED, non-replaceable
Dimming	Not dimmable
Lamp head	±30° tilt, ±180° pan (each head independent)
Switching	Via supply circuit only (wall switch)
Construction	Die-cast aluminium, powder-coated
Warranty	3 years

Choosing the location

Install on a sound, weather-facing surface. Ensure the luminaire is not covered or obstructed, and that sufficient clearance exists around the lamp heads to allow free air circulation for cooling. Avoid installation inside enclosed recesses or near heat sources.

Installation

1. Isolate the supply at the switchboard. Verify the circuit is dead.
2. Remove the mounting ring from the backing plate.
3. Pull out the backing plate to access the CCT switch. Set to 3000 K, 4000 K or 5000 K. This cannot be changed once installed.
4. Mark, drill and plug the two fixing holes. Fix the mounting ring to the wall.
5. Fit a silicone plug around the supply cable and pass the cable through the backing plate.
6. Secure the backing plate. Fit the second silicone plug into any unused cable entry.
7. Connect the supply: Brown → Active (L), Blue → Neutral (N). Yellow/Green → earth (E).
8. Fit the luminaire body to the backing plate using the 5 × 14 mm locking screw. Fit the seal plug.
9. Aim the lamp heads to the desired positions (see Adjustment below).
10. Restore supply and verify operation.



Operation

This luminaire operates on the wall switch only. When the supply is switched on, both lamp heads illuminate immediately; when switched off, they de-energise. No warm-up period is required.

Do not connect this luminaire to a dimmer of any kind (Triac, trailing-edge, 0–10 V, DALI, or otherwise). Doing so may cause flickering, damage to the dimmer, or damage to the integrated LED driver, and will void the warranty.

Adjustment

Each lamp head can be aimed independently: $\pm 30^\circ$ tilt, $\pm 180^\circ$ pan at the knuckle. Loosen the knuckle to move the head, then re-tighten after aiming — do not over-tighten.

Troubleshooting

Symptom	What to check
Lamps do not light	Check the MCB/RCD at the switchboard and confirm the wall switch is on. Verify L and N connections at the backing plate.
Lamps flicker or strobe	A dimmer may be installed on the circuit. This luminaire is not dimmable — remove the dimmer and replace with a standard switch.
Lamps dim or buzz	Same cause as above — remove any dimmer on the supply circuit.
Colour temperature is wrong	CCT is set via an internal switch on the backing plate and can only be changed with the luminaire unpowered and partially disassembled. Refer to the Installation section, step 3.
One head out	Non-replaceable — contact Evolve Lighting under warranty.

Maintenance

- Isolate the supply before cleaning or inspection.
- Clean the lamp lenses with a soft, damp cloth. No solvents, abrasives, or high-pressure water.
- Check fixings and leads periodically for damage or looseness.

Disposal and warranty

Do not dispose of with general waste — recycle as electrical waste (NZ: ewaste.org.nz). Evolve Lighting warrants this product for three (3) years from the date of purchase, subject to normal use in accordance with these instructions. Full terms: evolve-lighting.co.nz/warranty.

Manufacturer

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