

SENTINEL

EVOLVE
LIGHTING

TWIN-HEAD LED SECURITY FLOODLIGHT · PIR SENSOR



20W
WATTAGE



3K/4K/5K
CCT SWITCH



≥80
CRI



PIR 12m
SENSOR



IP65
IP RATING



3 Year
WARRANTY

- ✓ Twin adjustable heads — +/-30° tilt and +/-180° pan on each head, independently aimed
- ✓ Integrated PIR sensor — up to 12m range, 140° detection, 45° tilt / 180° pan
- ✓ Sensor override feature
- ✓ Switchable colour temperature — 3000K / 4000K / 5000K
- ✓ IP65 rated for exposed outdoor locations
- ✓ Approx. 2,000lm total output at 100lm/W efficacy
- ✓ Standard (die-cast aluminium) or Double Insulated (polycarbonate) build
- ✓ Available in White and Black finishes
- ✓ Easy install via quick-connect mounting base



ORDER CODE	FINISH	BUILD	CLASS
SENTNL-20-8345-W-M-S	White	Standard — die-cast aluminium	Class I
SENTNL-20-8345-B-M-S	Black	Standard — die-cast aluminium	Class I
SENTNL-20-8345-W-P-S	White	Double Insulated — polycarbonate	Class II
SENTNL-20-8345-B-P-S	Black	Double Insulated — polycarbonate	Class II

LIGHTING DATA

Light source	Integrated LED
Wattage	20W (2 x 10W)
Lumen output	approx. 2,000lm
Efficacy	approx. 100lm/W
CCT	3000K / 4000K / 5000K, switchable
CRI	≥80
Beam angle	110°

ELECTRICAL DATA

Mains voltage	AC220-240V / 50-60Hz
Power factor (typ)	>0.9
Driver	Integrated, non-replaceable
Connection	Screw terminal connector block
Dimming	Not dimmable
Protection class	Class I (Std) / Class II (D.I.)
Warranty	3 Year product replacement

SENTINEL + SENSOR

FINISH RANGE · DIMENSIONS · SENSOR DATA

EVOLVE
LIGHTING

FINISH OPTIONS



White

Standard · SENTNL-20-8345-W-M-S

Double Insulated · SENTNL-20-8345-W-P-S

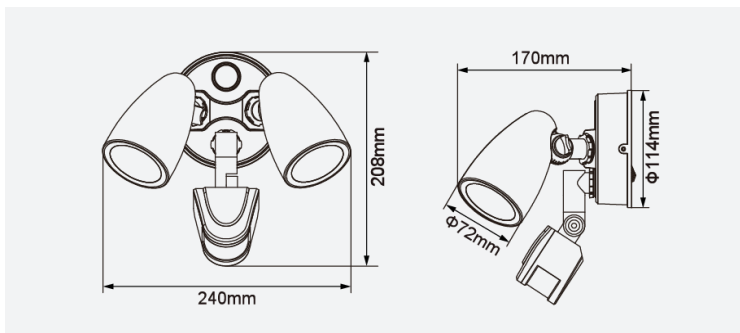


Black

Standard · SENTNL-20-8345-B-M-S

Double Insulated · SENTNL-20-8345-B-P-S

DIMENSIONS



Overall width	240mm
Overall height	208mm
Projection from wall	170mm
Base diameter	Ø114mm
Head lens diameter	Ø72mm

All dimensions in millimetres. Each lamp head adjusts +/-30° tilt and +/-180° pan independently.

SENSOR DATA

Sensor type	PIR (passive infrared)
Detection range	Up to 12m
Detection angle	140°
Sensor adjustment	45° tilt / 180° pan
Hold time	10 sec – 10 min (5 min default)

TECHNICAL DATA

IP rating	IP65
IK rating	IK04
Operating temp	-20° to +40°C
Head adjustment	+/-30° tilt, +/-180° pan (each)
Housing	Die-cast alu. / polycarbonate
Finishes	White / Black



INSTALLATION NOTE

Set the three-position CCT switch to the required colour temperature before fixing. All connections are via a screw terminal connector block. Standard build is die-cast aluminium (Class I); Double Insulated build is polycarbonate (Class II).



MANUAL OVERRIDE

Override (lamps on continuously): switch the supply Off-On-Off-On within 6 seconds. The override clears when the supply is switched off.