



170lm/W
EFFICACY



3K / 4K / 5K
CCT SWITCH



>102,000hrs
LIFETIME @ L70 B10



>80
CRI



IP66
IP RATING



5 Year
WARRANTY

- ✓ High output up to 34,000lm @ 200W
- ✓ Long >102,000 hours life @ L70
- ✓ Ultra high efficacy of up to 170lm/W @ 4000K
- ✓ Asymmetric distribution for excellent light control
- ✓ Flexible with Wattage Select & 3CCT Selectable
- ✓ Easy access junction box for loop in-loop out
- ✓ Built in daylight sensor (100W and 200W)
- ✓ C4 corrosion classification (>200m from ocean)
- ✓ Duplex coating system - electrophoretic e-coating and polyester powder coating
- ✓ 316 stainless steel bracket and fasteners fitted as standard



CODE	SELECTABLE WATTAGES	LUMEN OUTPUT @4000K	DIMENSIONS	WEIGHT
STRIX-200-8345-B-AF	200W / 160W / 120W	34,000 – 27,200 – 20,400lm	L384 × W353 × H59mm	4.2kg
STRIX-100-8345-B-AF	100W / 80W / 60W	17,000 – 13,600 – 10,200lm	L333 × W302 × H59mm	2.9kg
STRIX-50-8345-B-AF	50W / 30W / 20W	8,000 – 4,800 – 3,200lm	L282 × W244 × H56mm	1.8kg

LIGHTING DATA

Light source	SMD LED
Lifetime @ L70 B10	>102,000hrs
Luminaire efficacy	160–170lm/W
CCT	Selectable 3000K / 4000K / 5000K
CRI	>80
SDCM	<5
Beam angle	Asymmetric forward (60×90°)
Optimal tilt angle	30°

ELECTRICAL DATA

Mains voltage	200W / 100W: 100–277VAC / 50–60Hz · 50W: 220–240VAC / 50–60Hz
Power factor	0.95
THD	<10%
Driver lifetime	100,000hrs
Surge protection	CM: 6kV · DM: 6kV
Protections	SCP / OTP / OVP / UVP
Connection	Junction box, loop in-loop out

DESIGN / CONSTRUCTION

Body material	Die-cast aluminium
Bracket material	316 stainless
Fasteners	316 stainless
Surface treatment	Electrophoretic e-coating and polyester powder coating
Optic material	PMMA
Lens material	Toughened glass

TECHNICAL DATA

IP rating	IP66
IK rating	IK08
Corrosion classification	C4 Coastal (>200m from ocean)
Operating temp	-20° to +45°C
Protection class	Class 1
Certifications	SAA
Warranty	5 Year product replacement

PRODUCT RANGE



Strix 200W

STRIX-200-8345-B-AF ·
200/160/120W



Strix 100W

STRIX-100-8345-B-AF ·
100/80/60W



Strix 50W

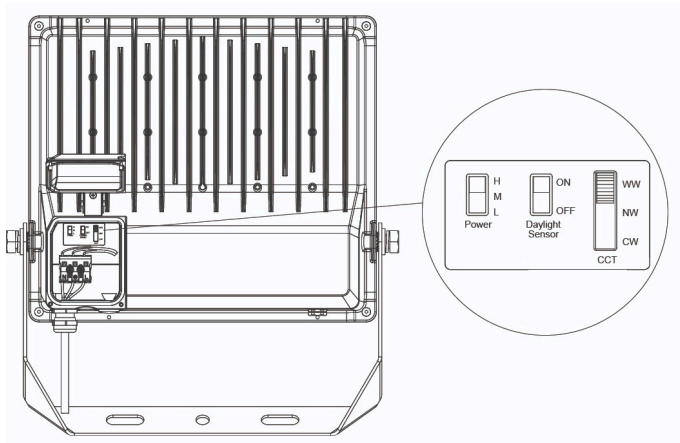
STRIX-50-8345-B-AF ·
50/30/20W



Strix 50W + PIR

PIR sensor variant · 50/30/20W

CCT, DAYLIGHT SENSOR & WATTAGE SETTINGS



Power, daylight sensor and CCT selectors sit inside the easy-access junction box on the rear of the luminaire. Set all switches by hand before installation — operate the switches only with the mains off.

- ✓ Three-step wattage select — L / M / H
- ✓ Three-position CCT switch — WW 3000K / NW 4000K / CW 5000K
- ✓ Daylight sensor ON <35LUX, OFF >95LUX (100W and 200W)
- ✓ No tools required — do not use a knife or screwdriver

MODEL	L	M	H	DAYLIGHT SENSOR	WW	NW	CW
STRIX-50-8345-B-AF	20W	30W	50W	NA	3000K	4000K	5000K
STRIX-100-8345-B-AF	60W	80W	100W	ON <35LUX / OFF >95LUX	3000K	4000K	5000K
STRIX-200-8345-B-AF	120W	160W	200W	ON <35LUX / OFF >95LUX	3000K	4000K	5000K

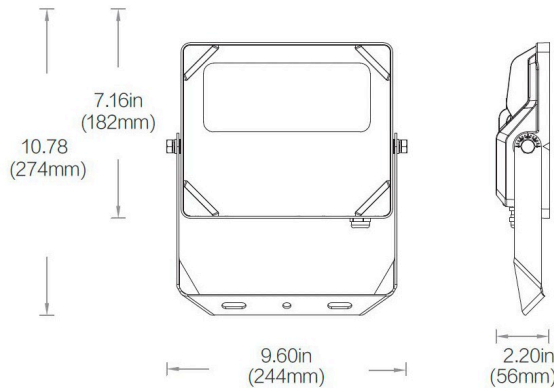
Use the CCT and dip switches only after the mains supply is switched off. Daylight sensor is not available on the 50W model.

MAXIMUM CIRCUIT BREAKER LOADINGS

DRIVER	MCB TYPE B				MCB TYPE C				MCB TYPE D			
	10A	16A	20A	25A	10A	16A	20A	25A	10A	16A	20A	25A
Max. no. of luminaires												
STRIX-100-8345-B-AF	10	16	20	25	16	26	32	40	16	26	32	40
STRIX-200-8345-B-AF	4	6	8	10	7	11	14	17	8	13	16	20

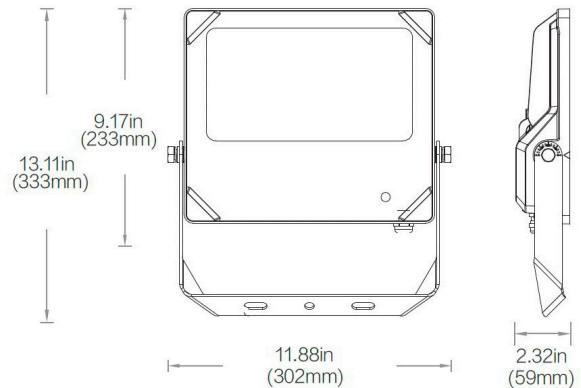
Maximum number of luminaires per circuit at 220VAC, 25°C. SS-100NH-V300: 83A inrush, T50 100us. SS-200CNH-300: 100A inrush, T50 200us. Confirm final circuit design against AS/NZS 3000.

DIMENSIONS



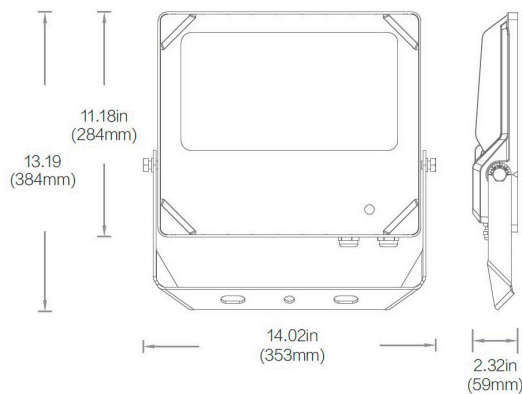
Strix 50W · 50 / 30 / 20W

STRIX-50-8345-B-AF · L282 × W244 × H56mm · 1.8kg



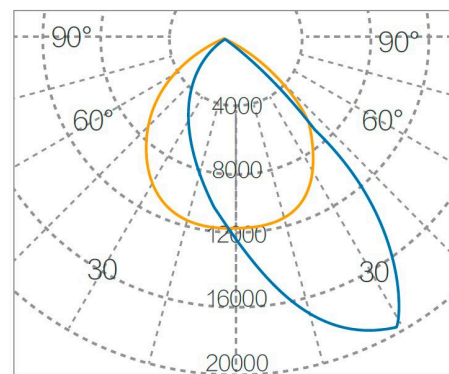
Strix 100W · 100 / 80 / 60W

STRIX-100-8345-B-AF · L333 × W302 × H59mm · 2.9kg



Strix 200W · 200 / 160 / 120W

STRIX-200-8345-B-AF · L384 × W353 × H59mm · 4.2kg



Polar intensity distribution

Asymmetric forward throw (60°x90°) · cd, C0/C90 planes

WIRING & MOUNTING



The hinged junction box opens without removing the luminaire from its bracket, giving direct access to the terminal block and dual cable glands for loop in-loop out wiring.

- ✓ Two cable glands for loop in-loop out on 100W and 200W
- ✓ 316 stainless bracket and fasteners, C4 coastal rated
- ✓ Class 1 · IP66 · IK08 · install to AS/NZS 3000

All dimensions in millimetres. Bracket allows 0–180° aim adjustment with a scaled tilt indicator; optimal tilt angle 30°.

STRIX PIR

TWIST-IN MOTION SENSOR ACCESSORY

EVOLVE
LIGHTING



120°

DETECTION ANGLE



3–8m

DETECTION RANGE



IP66

IP RATING



3 Year

WARRANTY

STRIX-PIR is a twist-in passive infrared sensor for the Strix floodlight. The module aligns with the sensor base on the rear of the fitting and locks home with a clockwise twist — no separate wiring. SENS, TIME and LUX controls set range, hold time and the ambient light level at which the sensor operates.

- ✓ Twist-in fitting — no additional wiring required
- ✓ SENS-adjustable range, approx. 5m (low) to 10m (high)
- ✓ Hold time 7s to 7min (tolerance +/-2s / +/-2min), retriggers on motion
- ✓ Daylight threshold adjustable approx. 5–2000lux
- ✓ IP66 rated for the same exterior applications as the luminaire



CODE	DESCRIPTION	FITS	MAX SWITCHED LOAD
STRIX-PIR	Twist-in PIR motion sensor	STRIX-50-8345-B-AF	100W

SENSOR DATA

Sensor type	Passive infrared (PIR), twist-in module
Detection angle	120°
Detection distance	3–8m (SENS-adjustable, up to approx. 10m max)
Detection motion speed	0.6–1.5m/s
Mounting height	1.8–2.5m suggested
Hold time (TIME)	7s to 7min, adjustable (tolerance +/-2s / +/-2min)
Daylight threshold (LUX)	Approx. 5–2000lux, adjustable
Sensitivity (SENS)	Adjustable approx. 5m (low) to 10m (high)

ELECTRICAL & TECHNICAL DATA

Rated supply	220–240VAC / 50–60Hz
Max switched load	100W — suits STRIX-50
IP rating	IP66
Operating temp	-20° to +40°C
Operating humidity	<93% RH
Installation	Twist-in to sensor base, no additional wiring
Standards	Install in accordance with AS/NZS 3000
Warranty	3 Year product replacement

Mount so movement crosses the 120° field rather than approaching head-on. Aim away from heat-pump and air-conditioning outlets, flues, moving foliage and reflective surfaces. Allow approximately 30 seconds after power-up for the sensor to stabilise. Installation by a person authorised to do electrical work.