

IMPORTANT: IN THE INTEREST OF PRODUCT PERFORMANCE AND SAFETY PLEASE READ THESE INSTALLATION AND WARRANTY INSTRUCTIONS BEFORE INSTALLING THE PRODUCT.



SAL products are designed in accordance with all mandatory International and AS/NZS Standards, which require installation in accordance with AS/NZS3000 by a qualified installer and regular cleaning and maintenance of the equipment. Products are sold in accordance with the following instructions and SAL standard terms and conditions of sale, available via www.sal.net.au.

Due to continued product and information updates, product data sourced from sal.net.au shall not form part of any contract and or technical performance guarantee unless expressly confirmed in writing by SAL at the time of order.

TRADEGLOW SE7171S TC LED FLOODLIGHT electrical and installation specification effective 9/7/2026.

Model No.	Input (V)/(Hz)	Power (W)	Line Current (A)	In-rush Current (mA)	Lumens (lm)	Fitting Colour	Mass (N.W. kg)	Dimension L x W x H1, H2 (mm)	Projected Area (m ²)	Max. LED Driver No. on MCB C type 16A
SE7171S15TC/BK	220-240/50	15	0.076	15.96A@1.7µs	1800/2100/1875	Black	0.54	187 x 41 x 154, 109	0.018	245
SE7171S30TC/BK	220-240/50	30	0.152	17.3A@2.64µs	3600/4200/3750	Black	0.73	214 x 41 x 187, 139	0.027	122
SE7171S50TC/BK	220-240/50	50	0.257	23.3A@2.44µs	6000/7000/6250	Black	1.14	268 x 43 x 239, 176	0.043	73
SE7171S100TC/BK	220-240/50	100	0.51	28.9A@4.56µs	12000/14000/12500	Black	1.79	316 x 43 x 270, 209	0.061	36
SE7171S15TC/WH	220-240/50	15	0.076	15.96A@1.7µs	1800/2100/1875	White	0.54	187 x 41 x 154, 109	0.018	245
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Sensor Type	Power (Idle)(W)	Detection Distance (m)	Detection Motion Speed (m/s)	Detection Angle(°)	Optimal Installation Height (m)	Setting Method	Microwave Frequency	Microwave Power (mW)
Microwave	< 0.5	Max. Ø8	0.5 ~ 1.5	120	3*	Remote Control**	5.8GHz ± 75MHz	< 0.3

Setting Method	Detection Sensitivity	Daylight Threshold	Hold Time	Photocell Mode	Permanent ON/OFF
Remote Control**	100%/75%/50%	10lux/25lux/250lux/ 500lux/ Disabled	10s/30s/5mins/ 10mins / 20mins/30mins	Yes (10lux/150lux)	Yes (Remote control/Switch)

*The height at which the sensor will meet the above performance specifications. The higher above this threshold the product is installed, the less effective the sensor will be.

**Remote Control (Model No. SMS806WF/RC): is sold separately.

Note: Values shown in bold indicate the sensor's factory default settings.

Electrical class	Class I	Beam angle	110°
Power factor	> 0.9	Earth Leakage current	< 1 mA
CCT (K)	3000/4000/5000	CRI	> 80
Operating ambient min/max (°C)	-10 to 40	Storage ambient limit (°C)	0 to 60
Operating humidity	+30% to 70% RH, NC	Storage humidity	+10% to 85% RH, NC
Reported TM - 21, L ₉₀ @ 85 °C (hrs)	> 45,000	Reported TM-21, 85 °C, L ₉₀ (hrs)	> 54,000
Aiming restrictions (if any)	Yes (see clause 13)	Product application	Exterior residential, commercial spaces
IK rating (if relevant)	IK07	Product installation orientation	Column trunnion mount or wall mount
CCT (K) switch control (TC)	Yes	Dimmable	No
Insulation cover rating (if any)	N/A	PIXIE connectivity	Yes, switch only
Replaceable LED	No (see clause 8)	IP rating	IP65
User replaceable LED	No (see clause 8)	Attachment type	Z

IP rating for interior products: The designated IP rating is "from below the ceiling" unless otherwise specified.

IP rating ALL products; Termination of the product must be made in accordance with the IP rating.

Earth Leakage current: Is calculated in accordance with AS/NZS 60598.1.2017/Amdt 1:2017.

General product application requirements (if applicable) :

1. **CCT or POWER selections (where supplied)** – IMPORTANT, where CCT colour temperature or POWER selection switching is provided, it is important to switch OFF the power before the selection is made, otherwise equipment damage may occur.

2. **Recycling** – SAL encourages recycling, please consider the environment when disposing of packaging, batteries & components.

3. **Switching or test intervals** – For optimum product performance, good design practice does not encourage 24/7 operation of lighting products without the provision of a routine switching or regulatory test cycle. As a guide for continual operation installations, a twelve (12) hour duration for Industrial and Commercial applications and a six (6) hour duration for Residential applications should be considered.

4. **Product maintenance** – In line with the relevant design standards and to protect your investment, it is important to have in place a routine cleaning program that reflects the installation environment and maintains the product in a clean and functional condition.

IMPORTANT - The supply must be isolated before any product maintenance or cleaning is conducted. In addition, damage to ANY cable or cord supplied with the product must be addressed as follows; For attachment type X having a specially prepared cable, if the external flexible cable is damaged, it must be replaced by an equivalent cable exclusively available from the manufacturer or authorised installer. For attachment type Y, if the external flexible cable is damaged, it must be exclusively replaced by an equivalent cable by the manufacturer or authorised installer. For attachment type Z, if the external flexible cable is damaged, the cable cannot be replaced and the luminaire must be destroyed.



5. **Adverse, corrosive and coastal installation environments** – Unless the product is specifically designated for such applications in these installation instructions, which is supported by a professional maintenance program; installation of equipment in such environments is not recommended.

6. **Dimming products** – Dimming circuits and product compatibility must be validated by the installer before installation; SAL cannot be responsible for third party changes in dimmer compatibility.

7. **Suspended products** – For installation safety, any suspended products must NOT be installed in high air movement spaces or locations subject to impact.

8. **Light source replacements** – (Non-replaceable light sources) - The light source of the product is deemed not replaceable, when the product reaches its end life, it must be replaced by a qualified installer. (Non-user replaceable light sources) - The light source of the product must only be replaced by the manufacturer or qualified installer.

9. **Interior downlights and sensors with remote drivers and electrical accessories** – The mounting facilities provided for the transformer/driver (if any), need only be utilized if in the application of the product is required by AS3000. Drivers are not designed for installation environments that restrict conventional airflow.

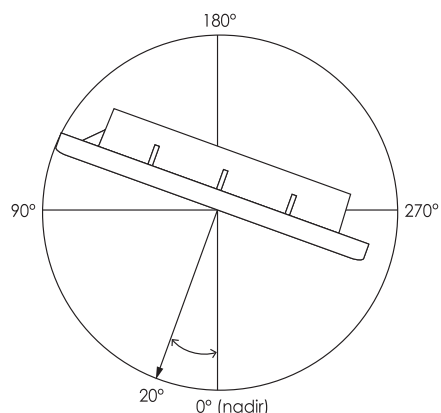
10. **Ripple injection, induced flicker (QLD & NSW regions)** – Installations subject to off-peak ripple induced flicker, (which are beyond the manufactures control), should strongly consider the use of circuit filtering products, or for interior downlight installations, the use of products designed to block the signal interferences, such as the SAL SH series.

11. **Floodlight products** – Unless nominated aiming restrictions or installation parameters apply, products are designed for installation environments between ground and 15 metres in height, subject to the desired optical performance being achieved. For floodlight installation environments that have restricted access (eg: columns and roof-lines) which are subject to unstable electrical supply or electrical surges (which void warranty), consideration of the installation of an independent surge protector is strongly recommended.

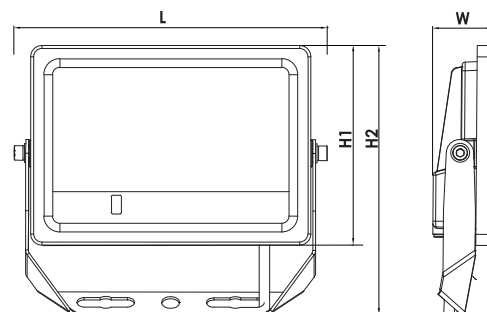
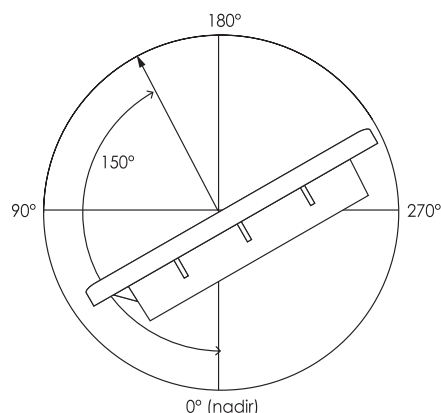
12. **Emergency enabled products** – In the interest of transport and safety, emergency products are supplied with the battery disconnected. In addition to specific emergency commissioning instructions, this battery MUST be connected at the time of installation. Continual use in emergency mode greater than 240 hours without recharge, will result in battery failure and void battery warranty.

13. **Specific installation procedures** (if any) - this device must be installed by a licensed electrician.

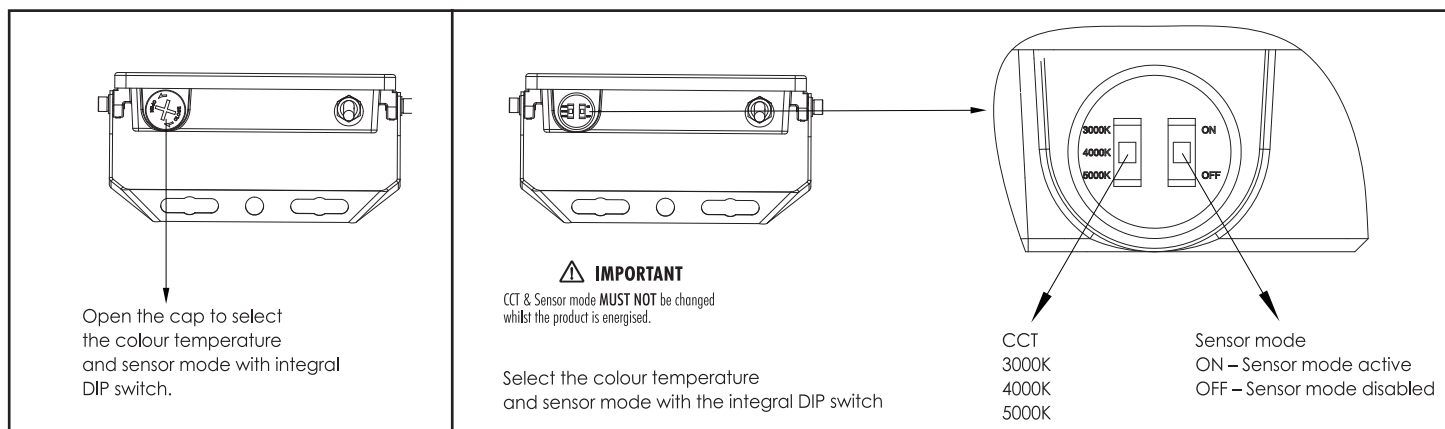
Minimum Downward



Maximum Upward



We recommend using third party water-proof connectors similar to the images shown below:



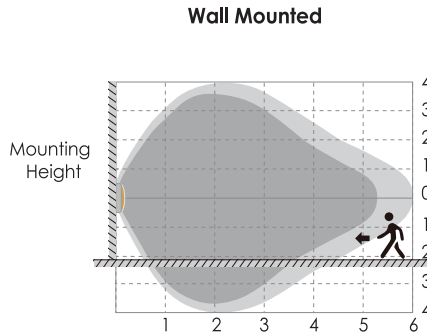
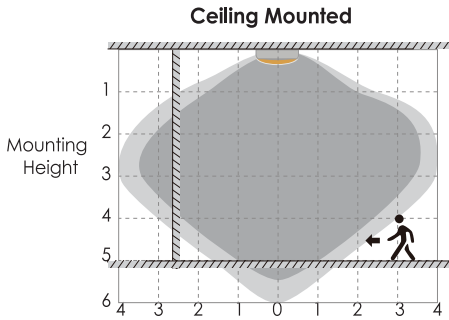
Manual Override Function via switch:

To enable 'Manual Override' or 'Permanent On', simply toggle the switch off and on two times, with approximately 1 second between each toggle. The lights will now stay on permanently.

To return to 'Automatic Mode', switch the unit off and after 1 minute switch on again. The unit will resume normal operation.



Detection coverage diagram:



■ MAXIMUM DETECTION ZONE
■ LIMITED DETECTION ZONE

Note: Stated detection range is indicative only. Actual range may vary due to installation angle, target movement speed and direction, and surrounding obstructions or reflective surfaces.

REMOTE CONTROL FUNCTIONS:

- Pressing ON - turns the device ON. Allow warm up for 10 seconds.
- Pressing OFF - turns the device OFF.
- Pressing the SENSOR button will activate the sensor mode. The sensor will operate with the following default settings: **10mins hold time, 100% detection sensitivity, daylight sensor disabled.** After 10 minutes hold time, if no movement is detected, the connected load will turn off.

Should movement be detected within the 10 minutes, another 10 minutes hold time will be added from the time of the detection. SENSITIVITY, HOLD TIME AND DAYLIGHT SENSOR buttons are used to change the default settings.

- Pressing the HOLD (TIME) will achieve 10s, 30s, 5mins, 10mins, 20mins and 30mins hold time.

- Pressing the SENSITIVITY (SENS) button achieves LOW ≈ Ø3m, MEDIUM button ≈ Ø5m, HIGH button ≈ Ø8m.

- Pressing the DAYLIGHT (LUX) button achieves < 10LUX(NIGHT), LOW button ≈ 25LUX, MEDIUM button ≈ 250LUX, HIGH button ≈ 500LUX, DAY/24H button = 24 hour operation.

IMPORTANT: After changing any parameters, the load will turn on and off once to indicate the change.

- Pressing the PHOTOCELL button will activate the photocell mode. The load will turn ON - OFF - ON once and then enter PHOTOCELL control mode. Photocell range is <10 LUX (ON) to >150 LUX (OFF).

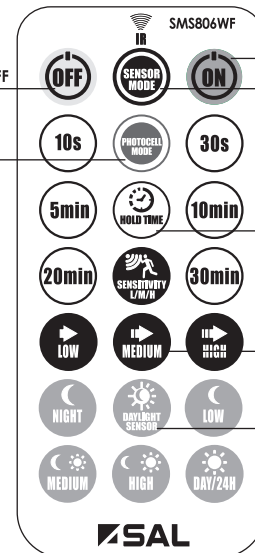
IMPORTANT: When changing from ANY mode to another mode on remote control, the load will turn ON and OFF, and a red LED indicator in the sensor lens will flash to confirm the change.



OPTIONAL ACCESSORY - REMOTE CONTROL SMS806WF/RC

WARNING - KEEP BATTERIES OUT OF REACH OF CHILDREN
The remote control contains batteries, which if swallowed can cause severe or fatal injuries.
THE REMOTE CONTROL IS DESIGNED FOR TRADE USE ONLY
KEEP OUT OF REACH OF CHILDREN

- Press once, the load will turn OFF
- Press once to activate the PHOTOCELL MODE



- Press once the load will turn ON

- Press once, the sensor mode will operate in default settings as detailed below

- HOLD (TIME) OPTIONS
10/30 seconds, 5/10/20/30 minutes

- SENSITIVITY (SENS) OPTIONS
LOW, MEDIUM, HIGH

- DAYLIGHT (LUX) OPTIONS
NIGHT, LOW, MEDIUM, HIGH, DAY/24H

MODEL No.: SMS806WF/RC

14. Warranty – In accordance with SAL's standard terms and conditions of sale, SAL warrant this product to be free from defects in materials and or workmanship for a period as stated below for goods not subject to incorrect installation, maintenance, operation, mishandling, environmental, unauthorised modifications or electrical operating conditions outside the nominated product specification as detailed in these installation instructions.

The benefits to you given by this warranty are in addition to other rights and remedies you have under law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty term – Residential usage (36) months, Commercial usage (24) months, Replaceable Lamps (where supplied) (12) months and Lithium batteries where supplied (24) months from date of purchase. For New Zealand, please refer to www.sal.co.nz for warranty conditions and service.

How to make a claim?

Step # 1 – Within 30 days of the fault discovery, please contact the original place of the SAL product purchase during standard (local) business hours, with the following information (a) proof of purchase (b) description and quantity of the claimed fault (c) address of installation. (d) operating hours of the product.

Step # 2 – It is then the responsibility of the original place of product purchase to report the matter to SAL after-sales;

NSW | ACT
QLD
VICT | TAS
SA | NT
WA
NZ

- SAL National Pty Ltd, 40 Biloela Street Villawood NSW 2163
- SAL National Pty Ltd, 36 Whitelaw Place Richlands QLD 4077
- SAL National Pty Ltd, 46-48 Keys Road Moorabbin Victoria 3189
- SAL National Pty Ltd, 79 Frederick St, Welland SA 5007
- SAL National Pty Ltd, 29 Beringarra Av Malaga WA 6090
- Hamer, 130 Bush Road, Albany, Auckland, 0632

P # 02 9723 3099
P # 07 3879 5999
P # 03 9532 3168
P # 08 7084 1958
P # 08 9248 7458
P # 0800 239 239

Step # 3 – Upon review of your claim and if the product is required to be returned to SAL for technical evaluation, then at the owners expense the product must be returned to SAL as per the above nominated locations.

Step # 4 – Pending the evaluation, the claim will be validated resulting in the product being repaired or replaced with the same or best equivalent product at the discretion of SAL, or rejected if the product fault was found to be caused by conditions beyond the responsibility of SAL warranty obligations. Consideration of installation, product removal, return freight and or testing fees are not the responsibility of SAL.

