ANTI-CORROSIVE

Tamar

Tamar 4ft Twin Anti-Corrosive - Grey Microwave

Product code **431351-MW**



Power	**20W / 40W**
Luminous flux	**3,200 / 6,400 lm**
Efficacy	**160 lm/W**
Colour temperature	**4000K**
Beam angle	**120°**
Protection	**IP65 · IK08**
Lifetime L70	**50,000 h**
Warranty	**5 years**

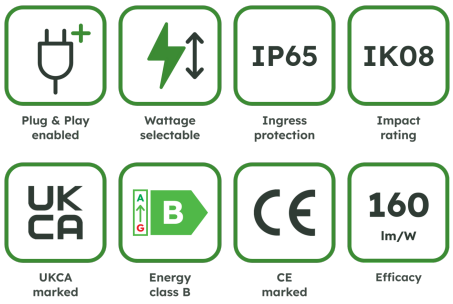
Introduction

Wattage selectable, IP65, up to 160 lm/W.

Features

- Loop in - Loop out push-fit terminals
- Pre-threaded M20 cable entry
- Designed for easy and rapid installation
- Multiple conduit entry points

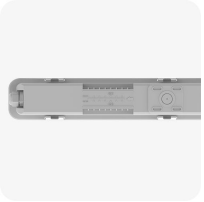
Certification and options



Recommended applications

Car parks, cold stores, food production, wash-down areas





Specification

Optical

Luminous flux	**3,200 / 6,400 lm**
Efficacy	**160 lm/W**
Colour temperature	**4000K**
Colour rendering	**Ra 80**
Beam angle	**120°**
Flicker	**Flicker Free**
Efficacy at 4000K	**160 lm/W**

Electrical

Power	**20W / 40W**
Supply voltage	**220-240V AC**
Frequency	**50 Hz / 60 Hz**
Driver type	**CC**
Driver	**Lifud**
Dimming	**Fixed**
Power factor	**0.9**
Current	**340 mA**

Lifetime and warranty

Lifetime L70	**50,000 h**
Energy class	**B**
Warranty	**5 years**
Replaceable driver	**Professional**
Replaceable light source	**Professional**

Sensor and controls · from 430916

Sensor	**430916** Alwen Linear Microwave Sensor 220-240V AC 200W Max Plug & Play
Technology	**Microwave**
Switching	**On-Off**
Detection radius	**1.5 - 5 m**
Hold time	**5 sec - 30 min**
Max. mounting height	**6 m**
Grouping	**Standalone**
Standby power	**0.5 W**

Construction

Ingress protection	**IP65**
Impact resistance	**IK08**
Electrical class	**Class I**
Body	**Polycarbonate**
Diffuser	**Polycarbonate**
Colour (RAL)	**RAL 7047**
Location	**Internal**
Dimensions (L x W x H)	**1165 x 75 x 81 mm**

Installation

Mounting	**BESA/Conduit**
Connection	**Push Fit Terminal**
Ambient temperature	**-20 to +40 °C**

Compliance

CE marked	**Yes**
UKCA marked	**Yes**

Values are nominal. Luminous flux and efficacy are for the complete luminaire. Specifications may change without notice; the product page always carries the latest version.

Plug & Play options

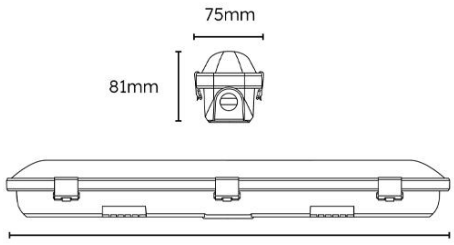
Emergency option · from 430962

Emergency pack	**430962** Grafham 3.5W
Emergency power	**2.5 W**
Duration	**3 hours**
Mode	**Maintained/Non-Maintained**
Battery	**3.2V 3.2Ah LiFePO4**
Recharge time	**24 hours**
Pack protection	**IP20**
Pack size	**170 x 54 x 32 mm**
Emergency output	**approx. 400 lm**

Plug & Play option: fitted on site, ordered separately.

Emergency output is calculated from the pack's emergency power and the luminaire's efficacy.

Dimensions



2ft: 610mm, **4ft:** 1165mm,
5ft: 1465mm, **6ft:** 1795mm

Ordering information · Tamar

CODE	DESCRIPTION	POWER	LUMINOUS FLUX	EFFICACY	CCT	BEAM
431350	Tamar 2ft Twin Anti Corrosive - Grey	10W / 20W	1,500 / 3,000	150 lm/W	4000K	120°
431351	Tamar 4ft Twin Anti-Corrosive - Grey	20W / 40W	3,200 / 6,400	160 lm/W	4000K	120°
431352	Tamar 5ft Twin Anti Corrosive - Grey	25W / 50W	4,000 / 8,000	160 lm/W	4000K	120°
431353	Tamar 6ft Twin Anti Corrosive - Grey	30W / 60W	4,800 / 9,600	160 lm/W	4000K	120°
431352-DA	Tamar 5ft Twin Anti Corrosive - Grey	25W / 50W	4,000 / 8,000	160 lm/W	4000K	120°
431353-DA	Tamar 6ft Twin Anti Corrosive - Grey	30W / 60W	4,800 / 9,600	160 lm/W	4000K	120°
431351-E3	Tamar 4ft Twin Anti-Corrosive - Grey E-SEL3 Emergency	20W / 40W	3,200 / 6,400	160 lm/W	4000K	120°
431352-E3	Tamar 5ft Twin Anti Corrosive - Grey E-SEL3 Emergency	25W / 50W	4,000 / 8,000	160 lm/W	4000K	120°
431352-DA-E3	Tamar 5ft Twin Anti Corrosive - Grey E-SEL3 Emergency	25W / 50W	4,000 / 8,000	160 lm/W	4000K	120°
431353-E3	Tamar 6ft Twin Anti Corrosive - Grey E-SEL3 Emergency	30W / 60W	4,800 / 9,600	160 lm/W	4000K	120°
431353-DA-E3	Tamar 6ft Twin Anti Corrosive - Grey E-SEL3 Emergency	30W / 60W	4,800 / 9,600	160 lm/W	4000K	120°
431350-MW	Tamar 2ft Twin Anti Corrosive - Grey Microwave	10W / 20W	1,500 / 3,000	150 lm/W	4000K	120°
431351-MW	**Tamar 4ft Twin Anti-Corrosive - Grey Microwave**	**20W / 40W**	**3,200 / 6,400**	**160 lm/W**	**4000K**	**120°**
431352-MW	Tamar 5ft Twin Anti Corrosive - Grey Microwave	25W / 50W	4,000 / 8,000	160 lm/W	4000K	120°
431353-MW	Tamar 6ft Twin Anti Corrosive - Grey Microwave	30W / 60W	4,800 / 9,600	160 lm/W	4000K	120°
431351-E3-MW	Tamar 4ft Twin Anti-Corrosive - Grey E-SEL3 Emergency	20W / 40W	3,200 / 6,400	160 lm/W	4000K	120°
431352-E3-MW	Tamar 5ft Twin Anti Corrosive - Grey Microwave	25W / 50W	4,000 / 8,000	160 lm/W	4000K	120°
431353-E3-MW	Tamar 6ft Twin Anti Corrosive - Grey Microwave	30W / 60W	4,800 / 9,600	160 lm/W	4000K	120°

Code suffixes: -E3 E-SEL3 emergency, 3 hour -MW Microwave sensor -DA DALI dimming

Compatible modules and accessories

	CODE	DESCRIPTION
	430916	Alwen Linear Microwave Sensor 220-240V AC 200W Max Plug & Play
	430962	Grafham 3.5W Conversion Pack 50-300V DC 0-40mA LifePO4 3.2V DC 3.2Ah Plug & Play E-SEL3 Emergency

DOWNLOADS

Photometric files (LDT), installation instructions and the latest datasheet are on the product page:

www.lumineux.co.uk/shop/431351-mw-tamar-anti-corrosive-4ft-twin-20w-40w-4000k-ip65-grey-plug-play-microwave-60063

WARRANTY AND SUPPORT

5 years warranty. Terms at www.lumineux.co.uk/product-warranty-on-site-warranty.

Free lighting design and technical support: 01507 328031, support@lumineux.co.uk