STREETLIGHT

Abberton Streetlight

Abberton Streetlight 90W / 110W / 135W 3CCT Type II S 76mm Spigot

Product code **431541**

Power	**90W / 110W / 135W**
Luminous flux	**13,500 / 16,500 / 20,250 lm**
Efficacy	**150 lm/W**
Colour temperature	**2200K / 3000K / 4000K**
Beam angle	**80x153°**
Protection	**IP66 · IK08**
Lifetime L70	**120,000 h**
Warranty	**7 years**



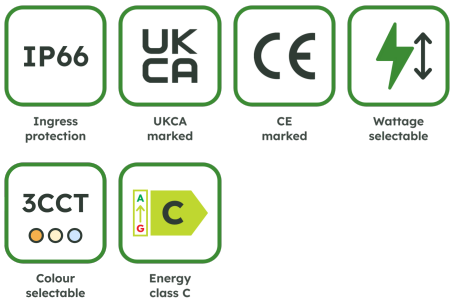
Introduction

LED street lantern in three body sizes, each with three wattage settings (20–40W, 50–80W, 90–135W) and three colour temperatures (2200K, 3000K, 4000K) set on site. Type II and Type III optics, for 60 mm or 76 mm spigots. IP66, IK08, 7-year warranty.

Features

- Available in Type II S + Type III S optic
- Wattage Selectable
- IP 66
- 76mm Spigot as Standard
- 3 PIN NEMA base with cork gasket as standard
- 10KV Surge Protection Device installed as standard
- Supplied with inline IP68 waterproof connector

Certification and options



Recommended applications

Access roads, car parks, estates






Specification

Optical

Luminous flux	**13,500 / 16,500 / 20,250 lm**
Efficacy	**150 lm/W**
Colour temperature	**2200K / 3000K / 4000K**
Colour selection	**3CCT**
Colour rendering	**Ra 70**
Colour consistency	**3 SDCM**
Beam angle	**80x153°**
Distribution	**Asymmetric**
Glare (UGR)	**<25**
Flicker	**Flicker Free**

Electrical

Power	**90W / 110W / 135W**
Supply voltage	**120-277V AC**
Frequency	**50 Hz / 60 Hz**
Driver type	**CC**
Driver	**Sosen**

Lifetime and warranty

Lifetime L70	**120,000 h**
Lifetime L80	**80,000 h**
Lifetime L90	**46,000 h**
Energy class	**C**
Warranty	**7 years**
Replaceable driver	**Professional**
Replaceable light source	**Professional**

Construction

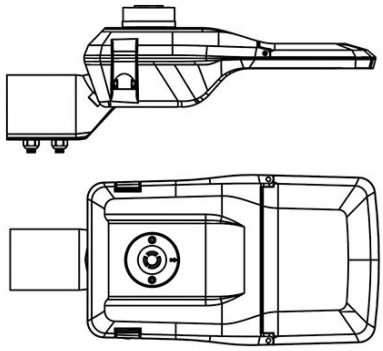
Ingress protection	**IP66**
Impact resistance	**IK08**
Electrical class	**Class I**
Body	**Aluminium**
Diffuser	**Polycarbonate**
Colour (RAL)	**RAL 9006**
Location	**External**
Socket	**NEMA**
Dimensions (L x W x H)	**540 x 274 x 138 mm**
Weight	**5.4 kg**

Installation

Connection	**Flying Lead**
Ambient temperature	**-40 to +50 °C**

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.

Dimensions



Ordering information · Abberton

CODE	DESCRIPTION	POWER	LUMINOUS FLUX	EFFICACY	CCT	BEAM
431539	Abberton Streetlight 20W / 30W / 40W 3CCT Type II S 76mm Spigot	20W / 30W / 40W	3,000 / 4,500 / 6,000	150 lm/W	2200K / 3000K / 4000K	80x153°
431536	Abberton Streetlight 20W / 30W / 40W 3CCT Type III S 76mm Spigot	20W / 30W / 40W	3,000 / 4,500 / 6,000	150 lm/W	2200K / 3000K / 4000K	112x148°
431545	Abberton Streetlight 50W / 65W / 80W 3CCT Type II S 60mm Spigot	50W / 65W / 80W	7,500 / 9,750 / 12,000	150 lm/W	2200K / 3000K / 4000K	80x153°
431540	Abberton Streetlight 50W / 65W / 80W 3CCT Type II S 76mm Spigot	50W / 65W / 80W	7,500 / 9,750 / 12,000	150 lm/W	2200K / 3000K / 4000K	80x153°
431537	Abberton Streetlight 50W / 65W / 80W 3CCT Type III S 76mm Spigot	50W / 65W / 80W	7,500 / 9,750 / 12,000	150 lm/W	2200K / 3000K / 4000K	112x148°
431541	**Abberton Streetlight 90W / 110W / 135W 3CCT Type II S 76mm Spigot**	**90W / 110W / 135W**	**13,500 / 16,500 / 20,250**	**150 lm/W**	**2200K / 3000K / 4000K**	**80x153°**
431544	Abberton Streetlight 90W / 110W / 135W 3CCT Type III S 60mm Spigot	90W / 110W / 135W	13,500 / 16,500 / 20,250	150 lm/W	2200K / 3000K / 4000K	112x148°
431538	Abberton Streetlight 90W / 110W / 135W 3CCT Type III S 76mm Spigot	90W / 110W / 135W	13,500 / 16,500 / 20,250	150 lm/W	2200K / 3000K / 4000K	112x148°

Compatible modules and accessories

	CODE	DESCRIPTION
	431542	Abberton 60mm Spigot
	430670	TE Nema Photocell Sensor with Surge Protector

DOWNLOADS

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

www.lumineux.co.uk/shop/431541-abberton-streetlight-90w-110w-135w-3cct-type-ii-s-76mm-spigot-63567

WARRANTY AND SUPPORT

7 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