



VERSO

VERSO 16 LED MID POWER

- // Versatile area light with smart driver
- // Multiple beam spreads and colours
- // Multiple mounting options

OVERVIEW

VERSO is an area luminaire designed to fit seamlessly into a wide range of applications, from urban promenades to parks to streets and car park applications featuring multiple beam spreads, outputs and control options.

It features a unique optic designed carefully to provide both aesthetic appeal and excellent performance whilst at the same time minimising critical angle brightness for visual comfort and reduced sky-glow.

DESIGN

AS12 injected aluminium body with baked (220°C) polyester powder-coat finish, with enhanced treatment option available for coast projects. 7kg, 0.07m² surface scx.

Mount accepts Ø60mm OD pole top spigots.

OPTICS

Clear, impact resistant (IK10) PMMA conical bowl with internal patterning to reduce LED striations and simulate natural illumination through foliage.

Integrated specialised shielding allows VERSO to take the urban appeal of a post-top lantern into the modern era requiring reduced sky-glow. An extremely low Upward Waste Light Ratio and critical angle brightness for this style of luminaire gives designers a powerful tool for meeting both the aesthetic and technical requirements of their spaces.

There are three asymmetrical (ASYM2, ASYM3, ASYM4) and one symmetrical (SIM5) beam spreads allow for a wide range of locations and applications.

An internal baffle may also be included to direct light.

ELECTRICAL

Integrated, replaceable smart driver with 6kV surge protection between phase-neutral and earth.

SPD (surge protection device) 10kV-5kA between phase-neutral and earth to be provided by installer at the base of the pole.

Power consumption: 26W

LIGHT SOURCE

High quality, high efficiency Zhaga standard LED modules in various colours or colour temperatures and Colour Rendering Index (CRI).

The following LED colours/colour temperatures options are available:

- Colour temperature: 1800K – Also referred to as PC Amber
- Colour temperature: 2200K
- Colour temperature: 2700K
- Colour temperature: 3000K
- Colour temperature: 4000K

The LEDs can also be optioned for the following CRI value

- Ra50
- Ra70
- Ra80
- Ra90

LED lifetime L80 @ 120,000hr+ for @350mA @Tq=25°C.



VERSO

VERSO ASYM2

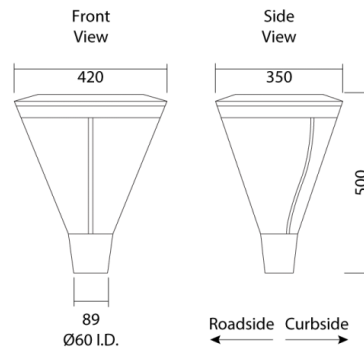


FINISHES



OPTICS

The Type II distribution is used for aisles, ramps and entrance pathways, as well as other long streets and narrow. VERSO ASYM 2 luminaires are usually located near the road, on small streets, secondary schools, trails, or paths.





VERSO

VERSO ASYM3

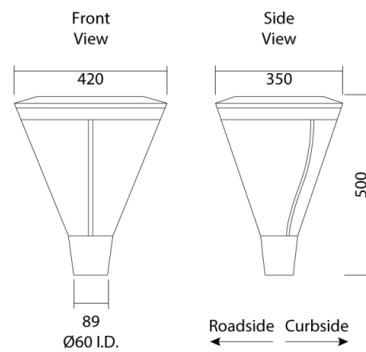


FINISHES



OPTICS

The Type III distribution is intended for road lighting, parking areas and to other facilities where a larger lighting area is necessary. VERSO ASYM 3 luminaires allow light to be thrown further forward yet still with a usable sideways distribution.





VERSO

VERSO ASYM4

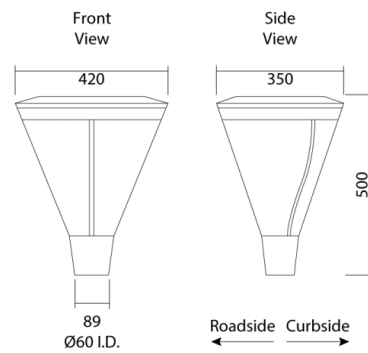


FINISHES



OPTICS

The Type IV distribution produces a forward light distribution. It is suitable to illuminate areas of parking and other general outdoor illumination. VERSO ASYM 4 luminaires are usually located in car parks, hardstands, and on building infrastructure.





VERSO

VERSO SYM5

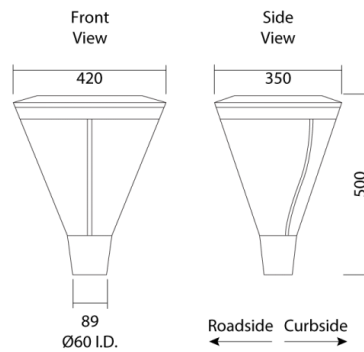


FINISHES



OPTICS

The Type V distribution is a rotationally symmetrical throw of light. VERSO SYM 5 luminaires are commonly used in large spaces, parks, promenades, and playgrounds.



PART NUMBERING

The part numbering of the luminaire defines the presence of an internal baffle, beam spread (achieved with various lens types), Colour or Colour Temperature and Colour Rendering Index.

Part number format: **VERSOA.XX16M.CTCR.AMEO**

Where:

A	Indicates internal baffle is present – leave blank for no baffle.	
XX¹	Beam spread where:	
	22	ASYM2
	31	ASYM3
	40	ASYM4
	51	ASYM5
CT¹	LED Colour or Colour Temperature, where:	
	18	1800K
	22	2200K
	27	2700K
	30	3000K
	40	4000K
CR	Colour Rendering Index, where:	
	50	CRI Ra50
	70	CRI Ra70
	80	CRI Ra80
	90	CRI Ra90

Note 1: These are options available at this time – additional beam spreads and colour temperature LEDs may be available at a future date.