

Silka

Lighting beyond
illumination





Light. Stacked.

Silka's elegant design, which is configurable to your architectural environment, is available in multiple column and glazing configurations, providing decorative public realm illumination, orientation and waymarking.

Key Features - Benefits

- Available in 2 light source heights - Silka or Silka Max - to proportionately mix and match to desired base column height with the surrounding environment
- UV-stabilised opal PMMA diffuser offering higher light transmission and scratch resistance compared to polycarbonate
- High-quality aluminium column providing seamless transition lines between diffuser and column, complete with flush maintenance access door
- RGBW light engine available to dynamically enhance your environment with colour
- Basic or professional smart control solutions available with wireless capability
- Further personalisation available with bespoke laser-cut glazing attachments or aviation-grade diffuser graphics

Applications:

High streets	Educational campuses
Plazas	Pathways
Airport or stadium surrounds	Parks
Retail and commercial	

Design features

RGBW available for dynamic colour changing lighting

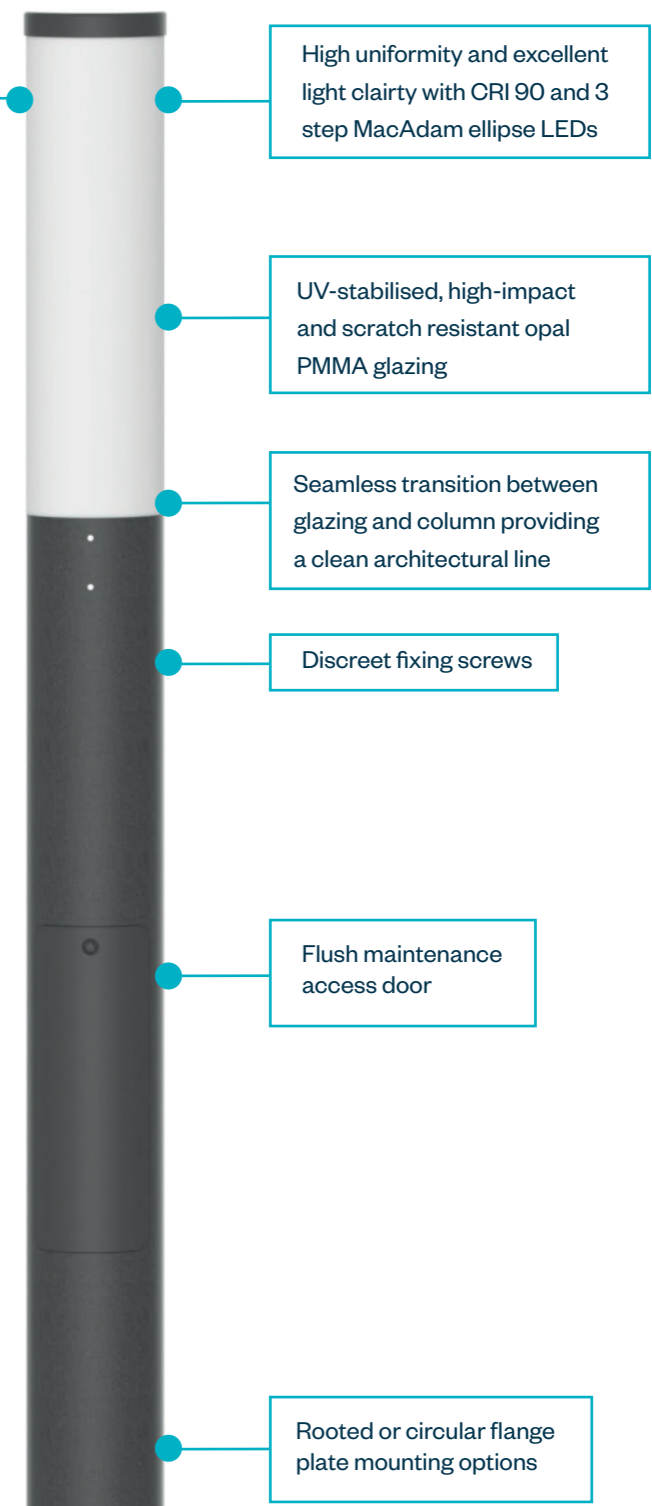
High uniformity and excellent light clarity with CRI 90 and 3 step MacAdam ellipse LEDs

Customisations:

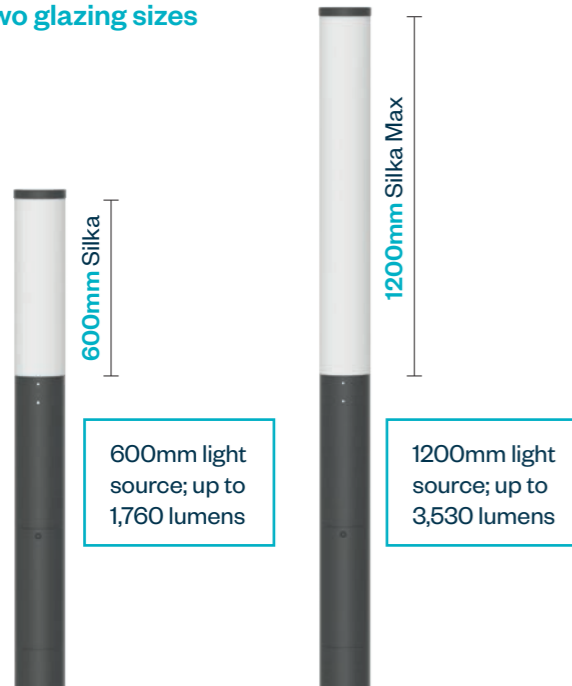
- Particle
- Digital
- Beam

Standard Colours

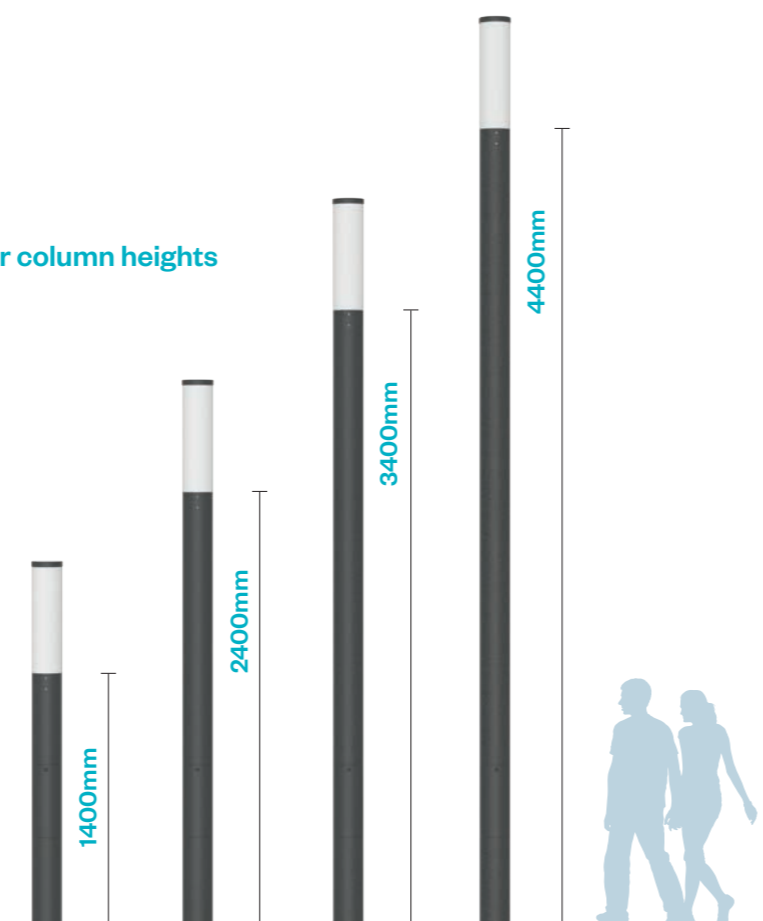
RAL 9016 White	RAL 9007 Metallic grey
RAL 9005 Black	DB 703 Metallic dark grey
RAL 9006 Aluminium	Corten Brown



Two glazing sizes



Four column heights





Transforming public spaces

Limitless possibilities

More designers than ever before are using luminaires as an art form, transforming spaces through colour or people-centred design that informs or guides.

As a professional lightstack Silka provides dynamic architectural illumination. It also provides opportunities beyond just illumination. Consider Silka to aid night-time navigation or provide illuminated signage. Customisable with precise laser cut light shields or aviation-grade graphics over the glazing; guide to water stations outside train stations, flag the location of electric vehicle charging points within car parks or first-aid posts at arenas - the opportunities are limitless.

Contact us to discuss your unique project requirements: info@dwwindsor.com

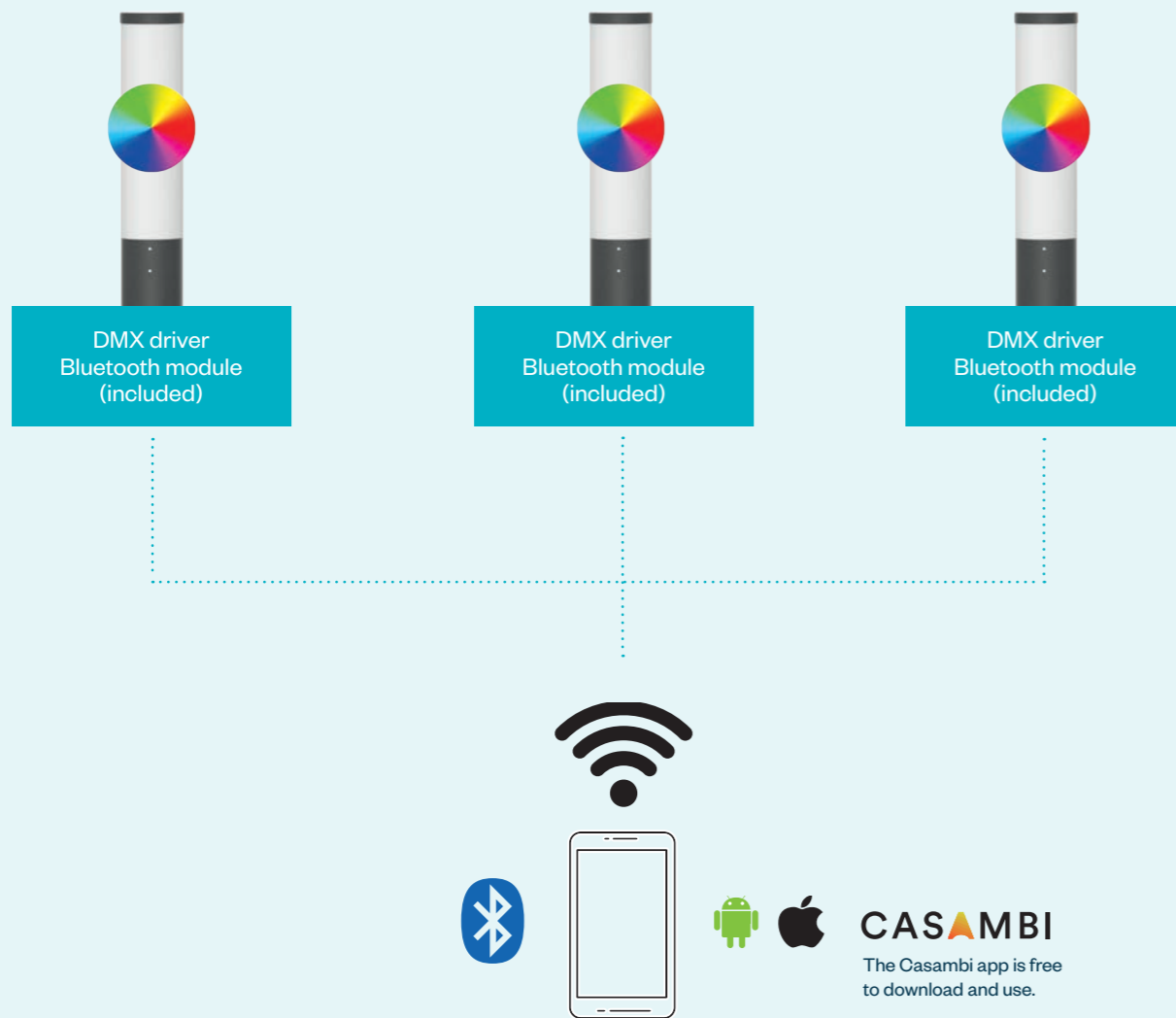




Greater control

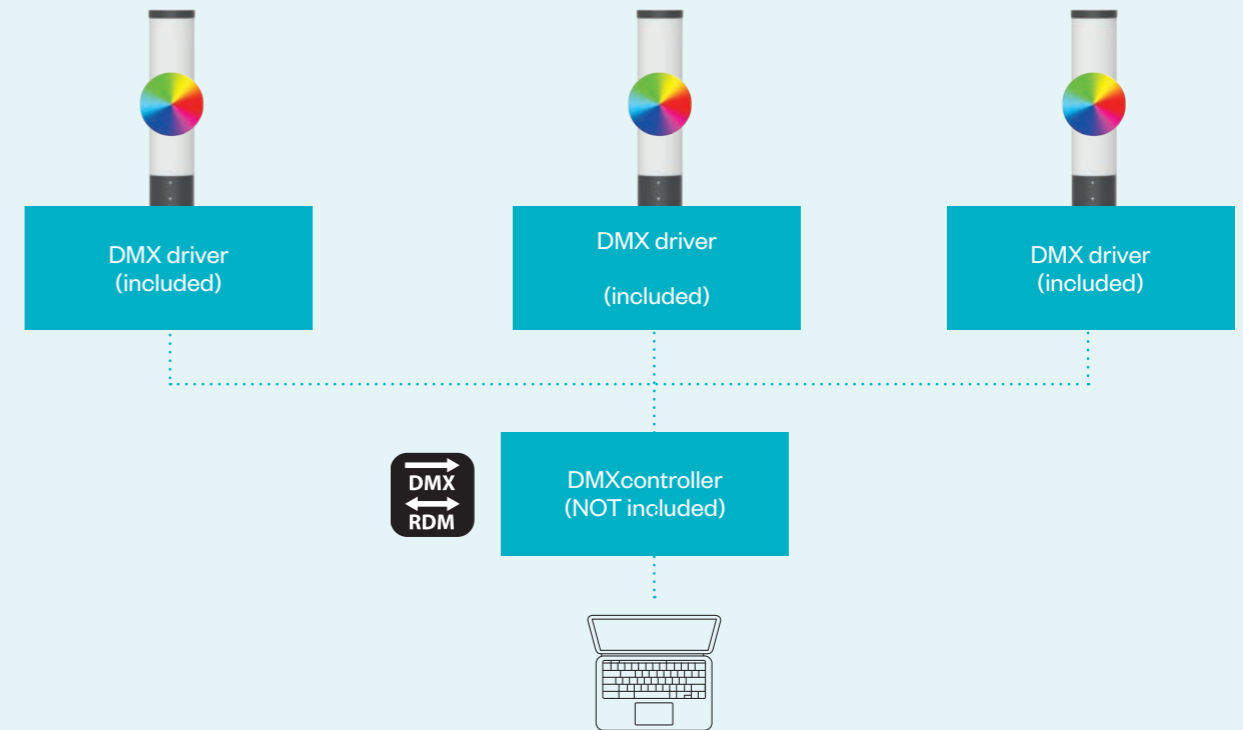
Enhance Silka further with an intelligent, connected control system. Offering both wired or wireless options with basic or professional functionality, Silka can be customised depending on the level of complexity needed.

Basic control

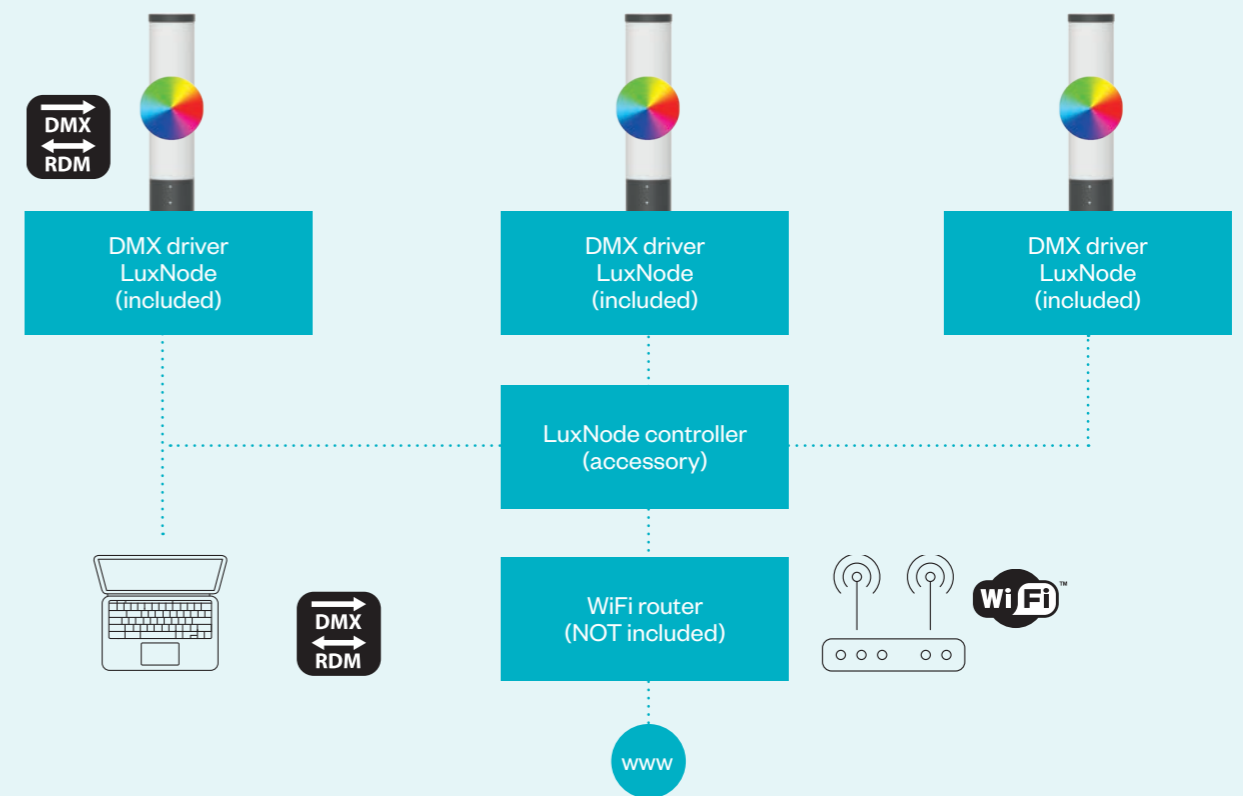


- ✓ Dimming
- ✓ Colour change
- ✓ Scene setting
- ✓ Wireless control and commissioning on-site

Professional control (Standard DMX)



Professional control (LuxNode)



- ✓ Dimming
- ✓ Colour change
- ✓ Scene setting
- ✓ Wireless control and commissioning from any location with an internet connection (using LuxNode)

- ✓ Wired control and commissioning
- ✓ Remote Device Management (RDM) ready - enhanced two-way DMX communication for important information such as fault monitoring, operating temperature and predicted lifetime (RDM features depend on transport networks and product feature sets)

Skate Park Plaza, Stoke on Trent

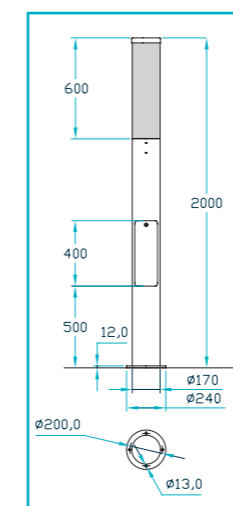
Special stainless steel RGBW Silka Max



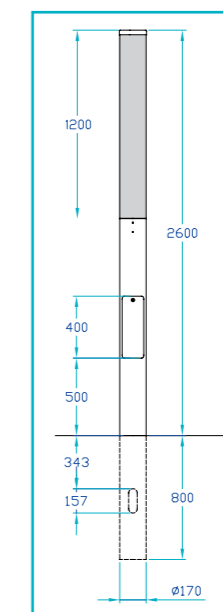
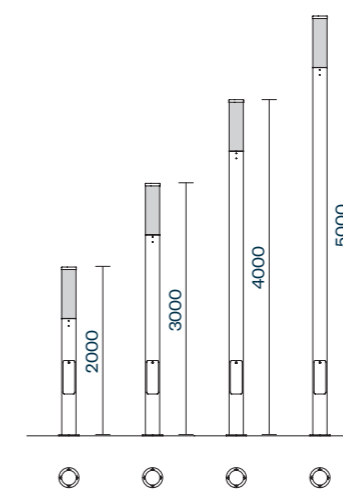
Ordering details

	Codes	Example
Luminaire		
Silka (600mm)	SIL	SIL
Silka Max (1200mm)	SILM	
Base Column Height		
1400mm	14	24
2400mm	24	
3400mm	34	
4400mm	44	
Colour temperature		
2700K	27	RGBW40
3000K	30	
4000K	40	
RGBW (2700K)	RGB27	
RGBW (4000K)	RGB40	
Product colours		
RAL 9005 Black	10	DB
RAL 9006 Aluminium	26	
RAL 9007 Metallic grey	27	
RAL 7035 Light grey	29	
RAL 9016 White	40	
RAL 7046 Mid grey	CF	
DB 703 Metallic dark grey	DB	
Corten brown	CB	
Mounting		
Root mounted	R	R
Flange mounted	F	
Decorative shield (optional)		
Particle	PA	PA
Digital	DI	
Beam	BE	
Control (2700K/3000K/4000K only)		
Integral CMS - Urban Control	IUC	IUC
Integral CMS - Telensa	ITE	
Integral CMS - Mayflower	IMA	
Example code = SILM 34 RGBW40 DB PA IUC		

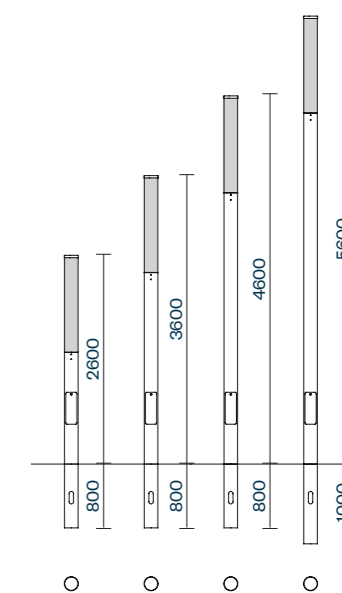
Dimensions and installation



Silka Flange



Silka Max Rooted





Royal Terrace Gardens, Torquay

A key site on the English Riviera Global Geopark, Royal Terrace Gardens, also known as Rock Walk, has undergone a major facelift by Torbay Council. In this beautiful setting, Silka really helps define the space and highlight the redevelopment's brand new viewing platform along with its spectacular sea views.

IP66 | IK09 | CLASS I or II

Features

Available in 2 light source heights - Silka or Silka Max - to proportionately mix and match to desired base column height with the surrounding environment

UV-stabilised opal PMMA diffuser offering higher light transmission and scratch resistance compared to polycarbonate

High-quality aluminium column providing seamless transition lines between diffuser and column, complete with flush maintenance access door

RGBW light engine available to dynamically enhance your environment with colour

Basic or professional smart control solutions available with wireless capability

Further personalisation available with bespoke laser-cut glazing attachments or aviation-grade diffuser graphics

Options

Silka 600mm height light source

Silka Max 1200mm height light source

Both Silka and Silka Max are available to be placed on 1400mm / 2400mm / 3400mm / 4400mm column heights

Column colours

DB 703 textured metallic dark grey

RAL 9005 fine textured black

RAL 9006 textured aluminium

RAL 9007 textured metallic grey

RAL 9016 fine textured white

Corten brown

Stainless steel and other RAL colours on request

Light source

High power LED (3 step MacAdam ellipse)

L70 lifetime prediction

50,000 hours

Total luminaire lumens

Silka: up to 1,760lm

Silka Max: up to 3,530lm

Colour temperature

2700K / 3000K / 4000K

RGBW (2700K) / RGBW (4000K)

Colour rendering index

90Ra

Luminaire efficacy

Up to 61lm/W

Driver

24V constant voltage

Control & connectivity

Basic: wireless control via Bluetooth for local dimming or changing

RGBW colours

Professional: using either a wired or wireless remote connection (LuxNode), allows for enhanced colour sequencing and fault monitoring via remote device management (RDM)

CMS: compatible with all available CMS systems via internal node

Materials

Diffuser: impact-resistant and UV-stabilised opal PMMA

Base column: extruded aluminium (stainless steel on request)

Top cap: die-cast aluminium (stainless steel on request)

Seals: silicone

Finish: textured polyester powder coat

Mounting

Flange plate

Root mounted

Installation and maintenance

Operational temperature range: -40°C to +50°C

