

Chatham



Aluminium - Domed top



Stainless Steel – Domed top

The Chatham range provides a classic and durable solution for a wide variety of outdoor applications. The housing is constructed from either extruded and die cast aluminium or 316 marine grade stainless steel with a tough UV stabilised polycarbonate lens protecting the optical section. Externally rated to IP65 the Chatham range is suited to many environments.

All versions are also available with a three hour maintained emergency option where required. The emergency module is housed securely in an internally mounted IP44 rated chamber.

In addition to the supplied tri-frame mounting bolts, there is a further choice of sturdy mounting options including a root mount post for soft ground and an extended base section for added stability in certain applications.

- A classical slim design that blends into most environments
- Robust aluminium construction for a long durable life – stainless steel option available
- Low glare distribution from the directionally mounted LED array
- A shielded LED array means a very low upward light distribution. This helps towards 'dark sky' environments
- Choice of dome or flat top versions for architectural integration (aluminium only)
- High lumen output from the energy efficient LED system
- All variants are complete with tri-frame mounting bolts – these must be cast in and used as a minimum standard mounting method. For soft ground the alternative Root Mounting Post must be installed
- Operating temperatures of -40°C to +40°C (EM variants +5°C to +35°C)

Light Engine and Control Gear

- High efficacy linear LED light engines
- >80 CRI 5000°K
- Energy efficient LED system

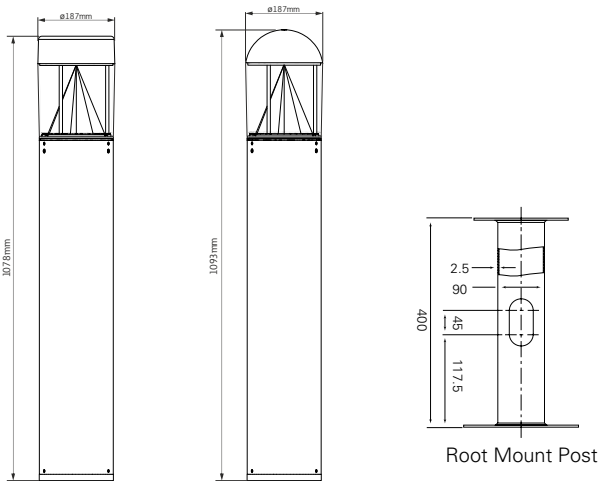
Materials

- Extruded and die cast aluminium, Black powder coated RAL 9005 / 316L Stainless Steel body
- Polycarbonate UV stabilised lens

Installation Notes

- All variants are complete with tri-frame mounting bolts – these must be cast in and used as a minimum standard mounting method below hard standing or compacted sub-layer.
- A minimum of 0.02m³ cast concrete shall be used in conjunction with the tri-frame mounting bolts. The concrete shall be to a minimum depth of 300mm allowing 70mm of thread above finished level
- For soft ground the alternative Root Mounting Post (CHARMP) must be installed
- It is recommended that the base of all bollards are filled with 300mm of sharp sand or other desiccant to inhibit condensation.
- All ground mounted luminaires are liable to some condensation. Condensation may be visible in the Chatham lens area when switched off and will dissipate in use

Dimensions



Options

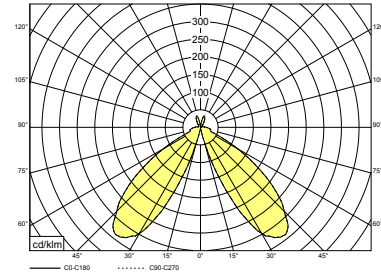
- 3 hour maintained emergency versions
- Additional Support Collar for added stability in challenging environments
- Root Mounting Post for soft ground installations, for added stability and durability
- We offer a range of product support contracts to aid commissioning, reduce your maintenance costs, comply with legislative test requirements and increase the lifespan of your lighting equipment

Specification

To specify state: Chatham range, extruded aluminium construction with powder coat paint finish, / 316 Stainless Steel. High performance low glare distribution with high output light engines. Dust tight and water jet proof to IP65 with IP44 internal chamber for 3 hour integrated emergency versions, as Eaton's Chatham range, part no. _____

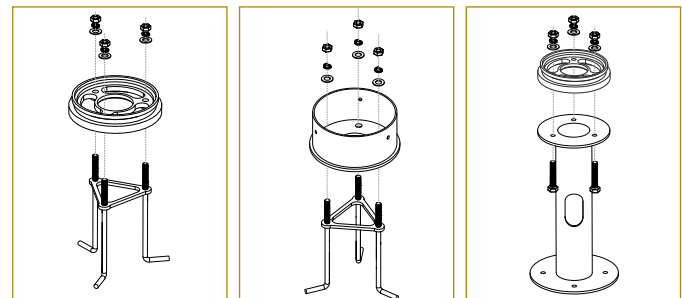
Photometric Data

Cat. No: CHAF17144ZBA



Performance

Description	Lumen Output (lm)	Wattage (W)	Efficacy (Llm/cW)
Chatham bollard	1320	17.4	75.8



Tri-frame mounting bolts

Support collar with tri-frame mounting bolts

Root mounting post

Catalogue Numbers

Description	Cat No.	Weight (kg)	Emergency Cat No.	Weight (kg)
Flat top black aluminium	CHAF17145KZBA	5.8	EBCHAF17145KZBA	7.5
Domed top black aluminium	CHAD17145KZBA	5.6	EBCHAD17145KZBA	7.3
Domed top Stainless Steel	CHAD17145KZSS	9.0	EBCHAD17145KZSS	10.7

Accessories

Description	Cat No	Weight (kg)
Root mounting post	CHARMP	4.2
Support collar	CHASUC	2.4

For more information on the installation requirements and product specifications, please visit our website: <https://uk.eaton.com/content/gb/en/products/product-catalog/chatham-exterior.html>