Galaxy LED

CE LED

IP65 ⏚

5 YEAR WARRANTY

Galaxy LED is a new low energy solution to a varied range of applications. High efficiency is a key part of its appeal and with a wide range of outputs, is ideal in a multitude of applications.

Galaxy LED is rated to IP65, dust tight and low pressure water jet proof, with a robust die-cast aluminium body.

- High efficacy LED
- Die-cast aluminium construction for a long durable life
- IP65 dust tight and water jet proof for stay clean operation
- Inbuilt inclinometer aids aim and set up
- Outstanding optical performance reduces installed points
- Supplied with three core 1m flying lead
- 10W and 30W versions are available with integrated PIR as an option

LED Options

- Five lumen packages
- >70 CRI
- L70 30,000 hours
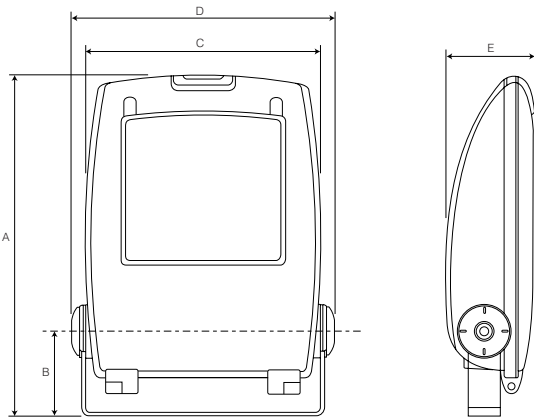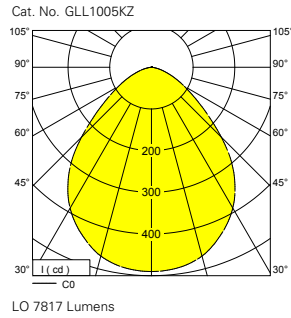- 5000K cool white

Materials

- Body - die-cast aluminium powder coated black
- Lens - toughened glass
- Reflector - high purity, high reflectance, anodised aluminium
- Stirrup - steel powder coated in black finish

Installation Notes

- Suitable for column, wall and floor mounting
- Stirrup bolts directly to vertical surface for area floodlighting or to floor for façade lighting
- 3 way, 1 x 2.5mm² terminal block
- Aimed by slackening side bolts and positioning angle using inclinometer on stirrup
- Front lens secured by latching clip
- Supplied complete with 1m 3 core 1mm² lead

Specification

To specify state: Die cast aluminium floodlight, with symmetrical reflector and toughened safety glass. Finished in black paint finish and dust tight and water jet proof to IP65, as Eaton's Galaxy LED range, part no. _____

Photometric Data

Cat. No. GLL1005KZ

LO 7817 Lumens

Galaxy LED with PIR Sensor

Dimensions

	A	B	C	D	E
GLL105KZ (10W)	220	83	147	172	55
GLL105KZPIR (10W + PIR)	220	83	147	172	106
GLL305KZ (30W)	314	78	218	243	80
GLL305KZPIR (30W + PIR)	314	78	218	243	131
GLL505KZ (50W)	395	103	291	231	106
GLL1005KZ (100W)	456	119	336	380	112
GLL2005KZ (200W)	620	195	432	482	158

Catalogue Numbers

Part No	With PIR	Lumen Output	Wattage	Llm/cW	Weight (kg)	Weight + PIR (kg)
GLL105KZ	GLL105KZPIR	838	11.85	70.70	1.10	1.22
GLL305KZ	GLL305KZPIR	2655	32.80	81.30	2.97	2.99
GLL505KZ	-	4410	51.50	85.50	5.21	-
GLL1005KZ	-	7817	101.40	77.10	7.32	-
GLL2005KZ	-	17495	220.00	79.30	14.08	-

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

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
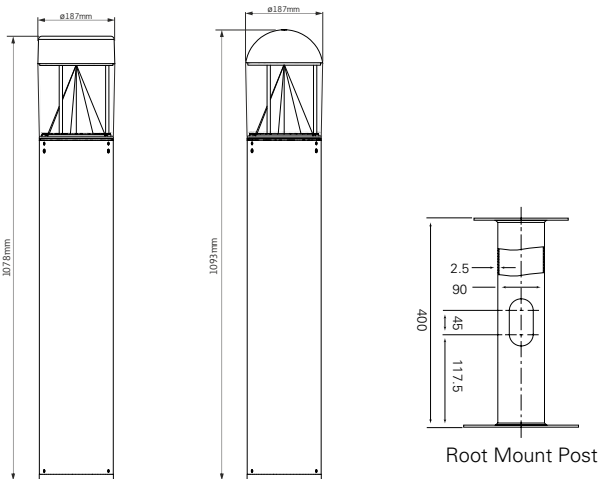- >80 CRI 5000°K
- Energy efficient LED system

Materials

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

Installation Notes

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- 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 desiccate 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

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

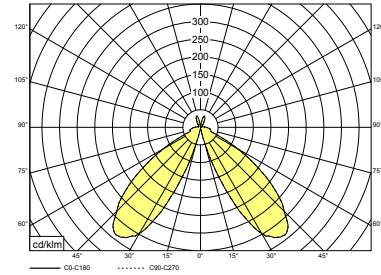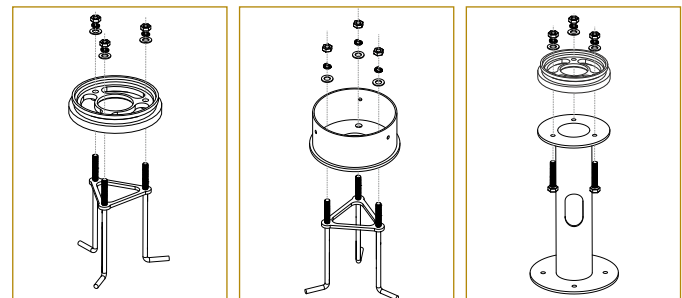| Description	Lumen Output (lm)	Wattage (W)	Efficacy (Llm/cW)
Chatham bollard	1320	17.4	75.8

Dimensions

Root Mount Post

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

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