gemma
the UK's lighting company

MADE IN BRITAIN®

The Admiralty 40W is a modern and stylish IP55 / IK10 316 marine grade stainless steel LED Bollard.

Manufactured from 316 marine grade stainless steel, featuring aluminium louvres for optimum performance and a transparent strong UV stabilised polycarbonate diffuser.

Options available are Colour Temperature, DALI, 110V, 12V, Mini Photocell, AstroDIM, PIR Sensor, 3hr Emergency, 180° Spill Shield, and Surface Mount Flange Plate or Bolt-on Root Mount.

Admiralty 40W LED Bollard

5 YEAR WARRANTY* | LED | IP55 | IK10 | DALI® | UKCA | C€ | RoHS

Bollard Lighting

Features

- LED rating (Source lumens) 5,920Lm (4000K / 6000K), 5,120Lm (3000K) and 4,958Lm(2700K).
- Luminaire flux (delivered lumens) 4,203Llm (4000K / 6000K), 3,635Llm (3000K) and 3,520Llm(2700K).
- Total system watts 40cW.
- Luminaire efficacy up to 106Llm/cW.
- Colour temperature options available are 2700K, 3000K, 4000K, 6000K.
- -20 to +40℃ operating temperature (Emergency 0 to +40℃).
- Control options available are DALI driver, 110V driver, 12V driver, AstroDIM driver, Mini Photocell, PIR Sensor and 3hr Emergency.
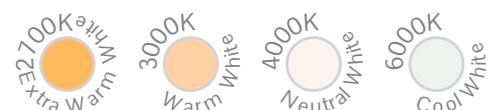- Emergency Mode BLF 25%.
- 5 Year Manufacturer's Warranty.

Benefits

- IP55 / IK10 rated for robust durability in tough environments.
- LED Life span > 100,000hrs, L90B10.
- Osram LEDs and Osram Driver for trusted quality and reliability.
- Easy access to LED and Driver via a removable head for maintenance.
- Aluminium louvres for optimum performance and minimal upward light.
- Tamper proof fixings for increased vandal resistance.
- 316 marine grade stainless steel with strong UV stabilised polycarbonate diffuser.
- Optional Surface Mount Flange Plate or Bolt-on Root Mount (available separately) for ease of install.
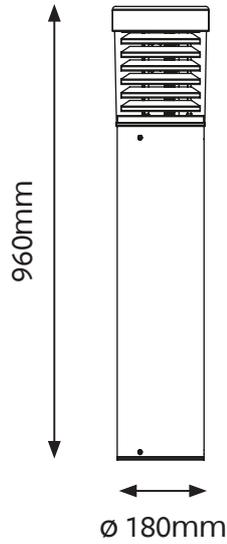- Optional 180° Spill Shield for controlled light distribution.
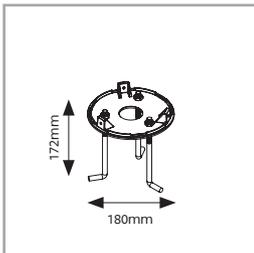
Painted Options

Option: SS316
316 Marine Grade Stainless Steel

Kelvin Options

2700K Extra Warm White | 3000K Warm White | 4000K Neutral White | 6000K Cool White

www.gemmalighting.com

+44 (0) 2392 315 911
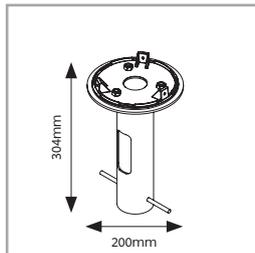
Dimensions

960mm
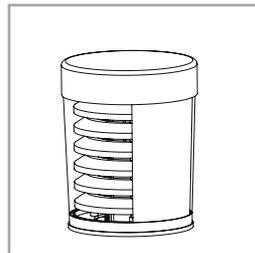
ø 180mm

Add-Ons

172mm

180mm

Flange Plate Kit with J-bolts.
To be ordered separately,
code: FIX 0053.

304mm

200mm

300mm Bolt-on Root
Mount. To be ordered
separately, code: FIX 0054.

Factory Fitted Spill Shield.
To order, change code from
'AB40' to 'ABH40'.

Applications

Prestigious Grounds

Car Parks

Parks & Gardens

Walkways

Security

Amenity Areas

Photometric Data
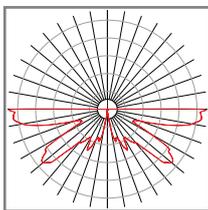
Optic 1 - 360° beam for wide area lighting.
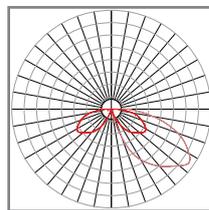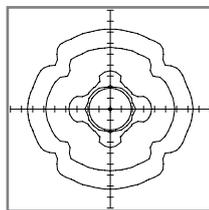
Optic 2 - 180° beam to prevent backwards light spill.

NB: photometric images
are indicative.

Need a Lighting Design?

We offer a free of charge design service, contact our team today: studio@gemmalighting.com.

www.gemmalighting.com

+44 (0) 2392 315 911

Specifications (Continued)

Admiralty 40W LED Bollard

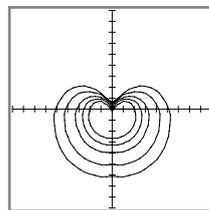| Item Number	Description	Light Source	LED Rating (Llm)	Total System Power (cW)	CCT (K)	CRI	Voltage (VAC)	LED Drive Current (mA)	Luminaire Flux (Llm)	Luminaire Efficacy (Llm/cW)	Weight (Kg)	Height (mm)	Unit Colour
40W LED Bollard													
AB40-A7C-00-SS316	Admiralty-40W-LED-AC-6000K-Std-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-00-SS316	Admiralty-40W-LED-AC-4000K-Std-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-00-SS316	Admiralty-40W-LED-AC-3000K-Std-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-00-SS316	Admiralty-40W-LED-AC-2700K-Std-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316
40W Emergency LED Bollard													
AB40-A7C-01-SS316	Admiralty-40W-LED-AC-6000K-Std-E3-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-01-SS316	Admiralty-40W-LED-AC-4000K-Std-E3-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-01-SS316	Admiralty-40W-LED-AC-3000K-Std-E3-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-01-SS316	Admiralty-40W-LED-AC-2700K-Std-E3-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316
40W Mini Photocell LED Bollard													
AB40-A7C-04-SS316	Admiralty-40W-LED-AC-6000K-Std-M/Photocell-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-04-SS316	Admiralty-40W-LED-AC-4000K-Std-M/Photocell-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-04-SS316	Admiralty-40W-LED-AC-3000K-Std-M/Photocell-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-04-SS316	Admiralty-40W-LED-AC-2700K-Std-M/Photocell-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316
40W Mini Photocell - Emergency LED Bollard													
AB40-A7C-10-SS316	Admiralty-40W-LED-AC-6000K-Std-M/Photocell-E3-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-10-SS316	Admiralty-40W-LED-AC-4000K-Std-M/Photocell-E3-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-10-SS316	Admiralty-40W-LED-AC-3000K-Std-M/Photocell-E3-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-10-SS316	Admiralty-40W-LED-AC-2700K-Std-M/Photocell-E3-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316
40W PIR LED Bollard (Off/On via presence detector)													
AB40-A7C-13-SS316	Admiralty-40W-LED-AC-6000K-Std-PIR-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-13-SS316	Admiralty-40W-LED-AC-4000K-Std-PIR-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-13-SS316	Admiralty-40W-LED-AC-3000K-Std-PIR-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-13-SS316	Admiralty-40W-LED-AC-2700K-Std-PIR-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316
40W PIR - Emergency LED Bollard (Off/On via presence detector)													
AB40-A7C-14-SS316	Admiralty-40W-LED-AC-6000K-Std-PIR-E3-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-14-SS316	Admiralty-40W-LED-AC-4000K-Std-PIR-E3-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-14-SS316	Admiralty-40W-LED-AC-3000K-Std-PIR-E3-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-14-SS316	Admiralty-40W-LED-AC-2700K-Std-PIR-E3-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316
40W Dali LED Bollard													
AB40-A7C-20-SS316	Admiralty-40W-LED-AC-6000K-DALI-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-20-SS316	Admiralty-40W-LED-AC-4000K-DALI-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-20-SS316	Admiralty-40W-LED-AC-3000K-DALI-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-20-SS316	Admiralty-40W-LED-AC-2700K-DALI-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316
40W Dali - DALI Emergency LED Bollard													
AB40-A7C-21-SS316	Admiralty-40W-LED-AC-6000K-DALI-DALI/E3-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-21-SS316	Admiralty-40W-LED-AC-4000K-DALI-DALI/E3-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-21-SS316	Admiralty-40W-LED-AC-3000K-DALI-DALI/E3-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-21-SS316	Admiralty-40W-LED-AC-2700K-DALI-DALI/E3-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316

Admiralty 40W LED Bollard

Item Number	Description	Light Source	LED Rating (Lm)	Total System Power (cW)	CCT (K)	CRI	Voltage (VAC)	LED Drive Current (mA)	Luminaire Flux (Llm)	Luminaire Efficacy (Llm/cW)	Weight (Kg)	Height (mm)	Unit Colour
40W Dali - Mini Photocell LED Bollard													
AB40-A7C-24-SS316	Admiralty-40W-LED-AC-6000K-DALI-M/Photocell-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-24-SS316	Admiralty-40W-LED-AC-4000K-DALI-M/Photocell-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-24-SS316	Admiralty-40W-LED-AC-3000K-DALI-M/Photocell-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-24-SS316	Admiralty-40W-LED-AC-2700K-DALI-M/Photocell-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316
40W Dali - Mini Photocell - DALI Emergency LED Bollard													
AB40-A7C-30-SS316	Admiralty-40W-LED-AC-6000K-DALI-M/Photocell-DALI/E3-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-30-SS316	Admiralty-40W-LED-AC-4000K-DALI-M/Photocell-DALI/E3-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-30-SS316	Admiralty-40W-LED-AC-3000K-DALI-M/Photocell-DALI/E3-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-30-SS316	Admiralty-40W-LED-AC-2700K-DALI-M/Photocell-DALI/E3-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316
40W DALI - PIR LED Bollard (30% On / 100% On via presence detector)													
AB40-A7C-33-SS316	Admiralty-40W-LED-AC-6000K-DALI-PIR-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-33-SS316	Admiralty-40W-LED-AC-4000K-DALI-PIR-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-33-SS316	Admiralty-40W-LED-AC-3000K-DALI-PIR-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-33-SS316	Admiralty-40W-LED-AC-2700K-DALI-PIR-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316
40W Dali - PIR - DALI Emergency LED Bollard (30% On / 100% On via presence detector)													
AB40-A7C-34-SS316	Admiralty-40W-LED-AC-6000K-DALI-PIR-DALI/E3-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-34-SS316	Admiralty-40W-LED-AC-4000K-DALI-PIR-DALI/E3-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-34-SS316	Admiralty-40W-LED-AC-3000K-DALI-PIR-DALI/E3-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-34-SS316	Admiralty-40W-LED-AC-2700K-DALI-PIR-DALI/E3-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316
40W AstroDIM - Mini Photocell LED Bollard (100% On / Dim to 30% at night mid point)													
AB40-A7C-64-SS316	Admiralty-40W-LED-AC-6000K-Astro-M/Photocell-SS316	LED	5,920	40	6000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7N-64-SS316	Admiralty-40W-LED-AC-4000K-Astro-M/Photocell-SS316	LED	5,920	40	4000K	Ra>70	220-240	700	4,203	105	8.5	960	SS316
AB40-A7W-64-SS316	Admiralty-40W-LED-AC-3000K-Astro-M/Photocell-SS316	LED	5,120	40	3000K	Ra>80	220-240	700	3,635	91	8.5	960	SS316
AB40-A7X-64-SS316	Admiralty-40W-LED-AC-2700K-Astro-M/Photocell-SS316	LED	4,958	40	2700K	Ra>80	220-240	700	3,520	88	8.5	960	SS316
40W 110V LED Bollard													
AB40-A7C-80-SS316	Admiralty-40W-LED-AC-6000K-110V-SS316	LED	5,920	40	6000K	Ra>70	110	700	4,203	105	8.5	960	SS316
AB40-A7N-80-SS316	Admiralty-40W-LED-AC-4000K-110V-SS316	LED	5,920	40	4000K	Ra>70	110	700	4,203	105	8.5	960	SS316
AB40-A7W-80-SS316	Admiralty-40W-LED-AC-3000K-110V-SS316	LED	5,120	40	3000K	Ra>80	110	700	3,635	91	8.5	960	SS316
AB40-A7X-80-SS316	Admiralty-40W-LED-AC-2700K-110V-SS316	LED	4,958	40	2700K	Ra>80	110	700	3,520	88	8.5	960	SS316
40W 12V LED Bollard													
AB40-DAC-00-SS316	Admiralty-40W-LED-DC-6000K-12V-SS316	LED	5,920	40	6000K	Ra>70	12	700	4,203	105	8.5	960	SS316
AB40-DAN-00-SS316	Admiralty-40W-LED-DC-4000K-12V-SS316	LED	5,920	40	4000K	Ra>70	12	700	4,203	105	8.5	960	SS316
AB40-DAW-00-SS316	Admiralty-40W-LED-DC-3000K-12V-SS316	LED	5,120	40	3000K	Ra>80	12	700	3,635	91	8.5	960	SS316
AB40-DAX-00-SS316	Admiralty-40W-LED-DC-2700K-12V-SS316	LED	4,958	40	2700K	Ra>80	12	700	3,520	88	8.5	960	SS316

Legend:
Std = Standard. E3 = Emergency. M/Cell = Integral Mini Photocell. PIR = Integral PIR Sensor. DALI = DALI Driver.
DALI/E3 = DALI Emergency. Astro = AstroDIM Driver. 110V = 110V Driver. 12V = 12V Driver.
X = 2700K (Extra Warm White). W = 3000K (Warm White) . N = 4000K (Neutral White). C = 6000K (Cool White).
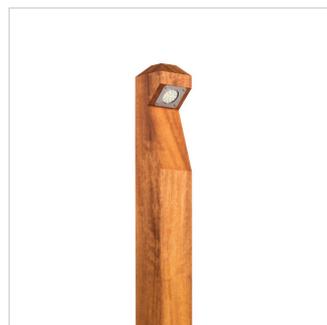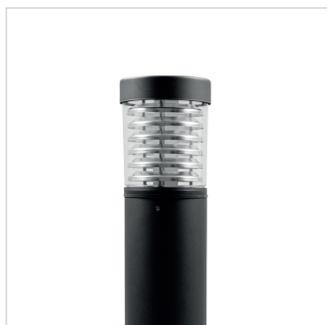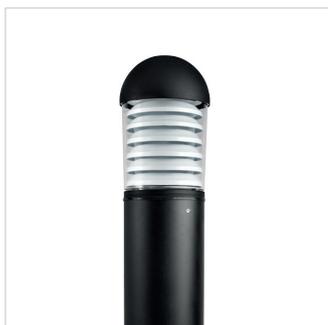
Options:
AstroDIM = Default setting is 100% On / Dim to 30% at middle point of night.

Project Example

Looking for a Different LED Bollard?

We have a comprehensive collection of traditional, modern and architectural LED bollards, with a range of outputs on our website: www.gemmalighting.com/led-bollard-lighting-manufacturer.

Disclaimer:
All figures +/-10% and specified at 25°C ambient unless stated. Due to constant product development and improvements, Gemma Lighting Ltd reserves the right to change specifications without prior notification or public announcement. Information correct at the time of publication; V250403.

Contact Us

Gemma Lighting Ltd,
Unit 3, Marshlands Spur, Farlington,
Portsmouth, Hampshire, UK, PO6 1RX.

www.gemmalighting.com

MADE IN BRITAIN®

+44 (0) 2392 315 911