



COLLINGWOOD
LIGHTING

Bollards by Collingwood Lighting

Mastering light together
collingwoodlighting.com

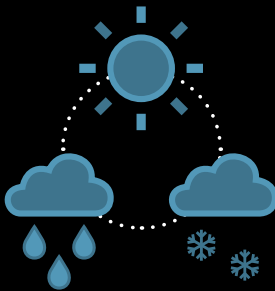
BOLLARDS

To create beautifully lit driveways & pathways



WEATHERING PRODUCTS

Made from hard-wearing Iroko wood, this classic range of bollards is available in a single or triple LED making them ideal for pathways, driveways and car parks. With an IP65 rating, our water protected bollards are ideal for outdoor use. The Iroko wood weathers well to a natural grey colour or can be treated to maintain its original colour.



Treat the Iroko wood with appropriate wood treatment to maintain a new, crisp and bright look.

If Iroko wood is left untreated it will turn a silvery grey colour over time, blending with natural surroundings.

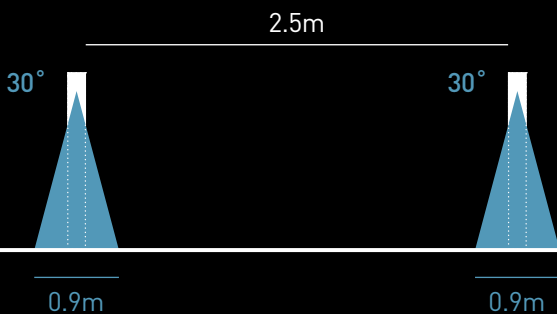
SINGLE LED BOLLARD

Use the BOL LED 1 to add new lighting to existing pathways, gardens or car parks. The remote SELV power supply provides increased flexibility when fitting. Long distances of cable can be surface mounted within trunking.

Bollards can be positioned further apart to highlight points in a pathway or used to create focal points around the bollard marking a specific area of the space.



For a pathway with regular points highlighted...



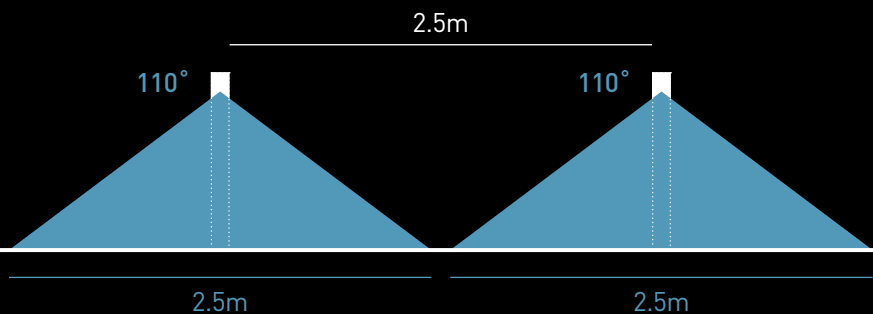
TRIPLE LED BOLLARD

Using an integral power supply, this direct to mains bollard is ideal for replacing old and tired bollard lighting, using existing cables or as part of a new build, where cable can easily be installed with minimal impact.

Using 3 LEDs instead of 1 and a wider beam angle, allows for the bollards to be positioned further apart whilst still creating an even spread of light along the length of a pathway.



For a pathway consistently lit at 30 lux...





MOUNTING BRACKETS

WATERPROOF

WOODEN BOLLARDS

A surface mount bracket is available for installation of Iroko wood bollards onto hard surfaces. Made from stainless steel ensuring the quality matches the bollard.



BOL255 & BOL256

A marine grade stainless steel root mounting kit is available for installation of the anodised aluminium bollards into concrete or other building materials.



Collingwood bollards are waterproof to IP65 and are designed for permanent use outdoors. Collingwood bollards must be installed using waterproof connections to avoid moisture entering the cable through non-waterproof joints. To choose from our range of waterproof connectors visit collingwoodlighting.com



Check out our IP rated installation video on the Collingwood Lighting YouTube channel.



360° ILLUMINATION

Space bollards as you feel appropriate, the below diagram can be used as a guide

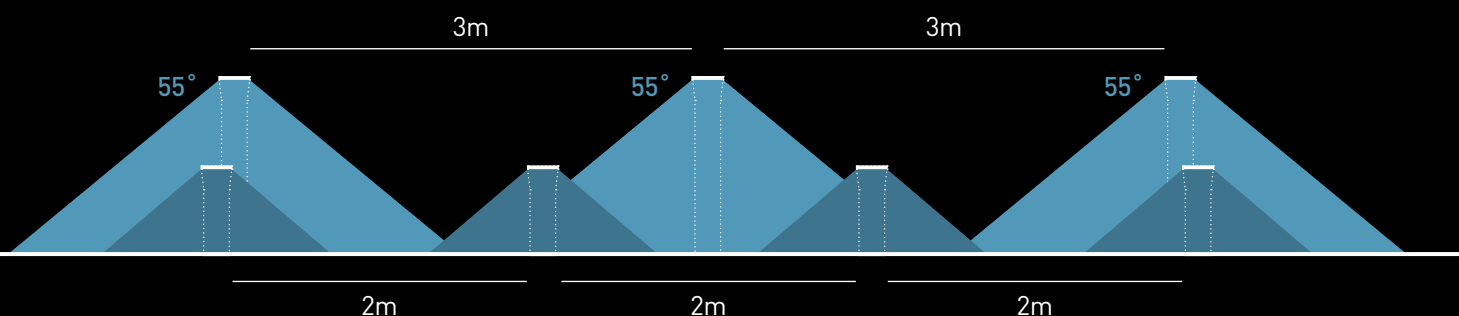
The anodised aluminium bollards offer 360° illumination, making them ideal for lighting footpaths in parks, car parks and driveways.

Available in two heights. The 585mm bollard will give a strong, more focussed light, whilst the 985mm bollard can be positioned further apart, whilst still providing an even spread of light. Concealed wiring and connections makes for a clean and professional finish to any installation.

Surface mount onto decking or use the root mounting kit for installation into gravel or concrete.

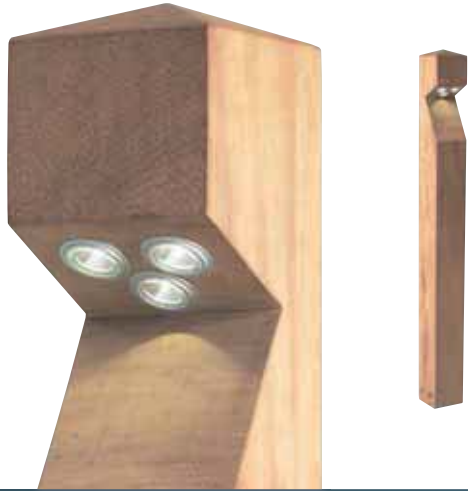


For a pathway consistently lit at 30 lux...





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FEATURES & BENEFITS

- > Use with chain / rope to edge path (not supplied)
- > Robust cable for outdoor use
- > Wood treatment is necessary to prevent weathering and/or cracking. Teak oil can be used to protect wood and preserve colour. Use a premium woodcare product to stain and protect. Always follow the manufacturer's instructions and reapply as directed.



BOL LED MAINS

Straight to mains wooden LED bollard



Ideal for use outdoors



7 year extended warranty available



* Extended warranty available on LEDs and LED driver only

PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
4000K	110°	BOL LED 030 MAINS NW	>70Ra	246	49	104
3000K	110°	BOL LED 030 MAINS WW	>80Ra	160	32	80

GENERAL

Construction material	Iroko wood
Inrush current	9A 0.8ms

WIRING

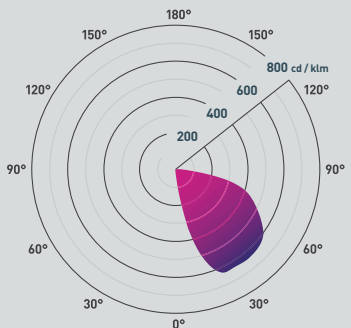
Cable/flying lead	1.8m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (Integrated SELV driver)	-	No	2	-	-

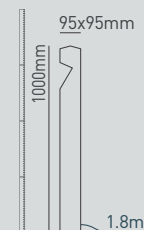
ACCESSORIES

Product code	Description
BOL LED BRACKET	Stainless steel bracket for BOL LED range
JB5	Gel filled junction box



4000K 110°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

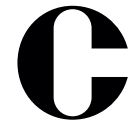
The lamps cannot be changed in the luminaire.

LED

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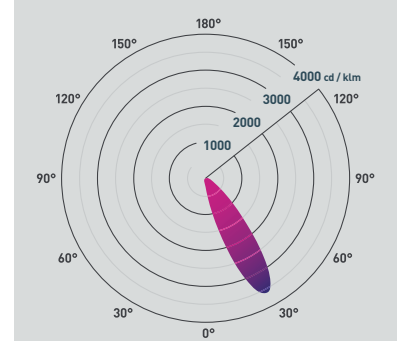


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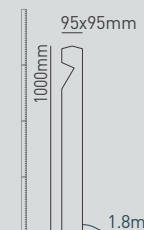


FEATURES & BENEFITS

- › Use with chain / rope to edge path (not supplied)
- › Robust cable for outdoor use
- › Wood treatment is necessary to prevent weathering and/or cracking. Teak oil can be used to protect wood and preserve colour. Use a premium woodcare product to stain and protect. Always follow the manufacturer's instructions and reapply as directed.



4000K 26°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

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BOL LED 1

Wooden LED bollard

- IP65 Ideal for use outdoors
- 7 year extended warranty available

- 26°
- 1W
- -35°C
- $+35^{\circ}\text{C}$
- 5.8kg
- 1 ZONE
- 70,000h
- 35DCM

PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
4000K	26°	BOL LED 1 NW	>70Ra	95	95	267
3000K	26°	BOL LED 1 WW	>80Ra	75	75	210

GENERAL

Construction material	Iroko wood
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WIRING

Cable/flying lead	1.8m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

LED DRIVERS

Bathroom zone applicable to fitting only

Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PLU/350 1-9	350	Yes	No	1	1	9
PLR/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

ACCESSORIES

Product code	Description
BOL LED BRACKET	Stainless steel bracket for BOL LED range
JB2 / JB4 / JB6	Gel filled waterproof connectors
WCR 275 BLACK	2-Core rubber cable



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BOL LED BRACKET

Stainless steel bracket for BOL LED range



1 year guarantee



1.5kg

PRODUCT DATA

Product code BOL LED BRACKET

GENERAL

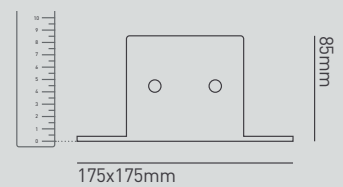
Construction material Stainless steel (304)

ACCESSORIES

Product code	Description
BOL LED 1	Wooden LED bollard
BOL LED 030 MAINS	Straight to mains wooden LED bollard

FEATURES & BENEFITS

- › Supplied with stainless steel fixtures & fittings





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FEATURES & BENEFITS

- > Modular design for simple installation
- > Low glare
- > Root mount or surface mount
- > 360° illumination, ideal for pathways, boundary marking, or general illumination of public spaces
- > Surface mount bracket and fixtures are included

BOL255

585mm straight to mains anodised aluminium LED bollard



Ideal for use outdoors



7 year extended warranty available



16.5W

240V



IK10

40°C



70,000h



L70, B50

35DCM

PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
3000K	55°	BOL255WW	>85Ra	750	45	53

GENERAL

Building regulations	Part P (electrical safety)
Construction material	Anodised aluminium / polycarbonate
Inrush current	38.8A 0.002ms

WIRING

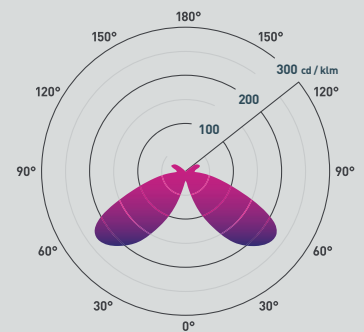
Cable/flying lead	1.5m H05RN-F 3G 0.75mm ² 7mm outside
Type of wiring required	Parallel (mains) 220 - 240V AC 50/60Hz

LED DRIVERS

Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (Integrated SELV driver)	-	No	-	-	-

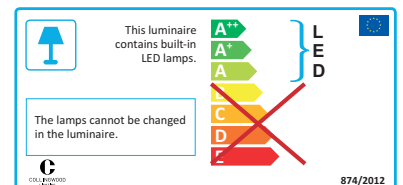
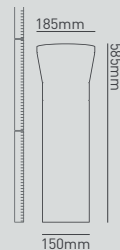
ACCESSORIES

Product code	Description
BOL255RM	Root mounting kit
JB5	Gel filled junction box



3000K 55°

Additional diagrams available at collingwoodlighting.com





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BOL256

985mm straight to mains anodised aluminium LED bollard



Ideal for use outdoors



7 year extended warranty available



16.5W

240V



IK10

±40°C



L70, B50



L70, B50

3SDCM

PHOTOMETRICS @ 25°C

Colour	Beam angle	Product code	CRI	lm	lm/W	lx at 1m
3000K	55°	BOL256WW	>85Ra	750	45	53

GENERAL

Building regulations	Part P (electrical safety)
Construction material	Anodised aluminium / polycarbonate
Inrush current	38.8A 0.002ms

WIRING

Cable/flying lead	1.5m H05RN-F 3G 0.75mm ² 7mm outside
Type of wiring required	Parallel (mains) 220 - 240V AC 50/60Hz

LED DRIVERS

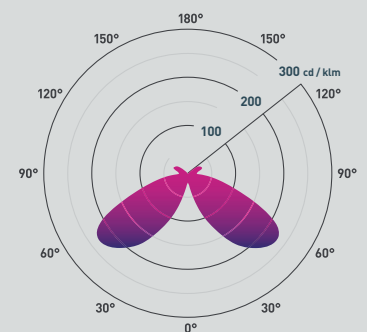
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (Integrated SELV driver)	-	No	-	-	-

ACCESSORIES

Product code	Description
BOL255RM	Root mounting kit
JB5	Gel filled junction box

FEATURES & BENEFITS

- › Modular design for simple installation
- › Low glare
- › Root mount or surface mount
- › 360° illumination, ideal for pathways, boundary marking, or general illumination of public spaces
- › Surface mount bracket and fixtures are included



3000K 55°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

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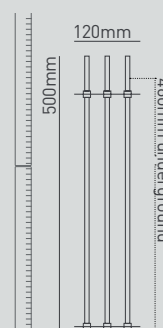


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FEATURES & BENEFITS

- > Marine grade stainless steel (316) construction
- > Can be used with concrete or other building materials
- > Supplied with expanding bolts for security



BOL255RM

Stainless steel root mounting kit

1 yr 1 year guarantee



PRODUCT DATA

Product code BOL255RM

GENERAL

Construction material Stainless steel (316)

ACCESSORIES

Product code	Description
BOL255	585mm straight to mains anodised aluminium LED bollard
BOL256	985mm straight to mains anodised aluminium LED bollard

GET IN TOUCH

Light your world with Collingwood Lighting

We never stop looking for better and more efficient ways to create great lit environments. Our advanced, precision-engineered luminaires are the product of ceaselessly enquiring minds, minute attention to detail, and always paying attention to what customers say.

To see our full range, visit collingwoodlighting.com
To find out more, call us on **+44 (0) 1604 495 151**



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