BOLLARD

Bollard with a lens that reflects light in 2 angles, on the ground for walkway lighting and horizontally for ambient lighting. Constructed of tubular aluminum powder coated in bronze, green, black or solid copper and stainless steel. Solid copper and bronze will patina over time. This fixture can be screwed or bolted directly to the concrete. Available in 2 sizes.

DETAILS.
FINISHES AVAILABLE IN:
ALUMINUM POWDERCOAT– BLACK, BRONZE, OLIVE GREEN, WHITE, WHITE BIRCH, DARK GREY, SILVER STAR, CORTEN
SOLID COPPER
316 STAINLESS STEEL

BOLLARD 300:
LENS: Ø2 1/2" X 2" H
BODY: 11 7/8" H
*14 1/2" OAH WITH FLANGE MOUNT.
STANDARD SPIKE: 5 3/4" H

BOLLARD 700:
LENS: Ø2 1/2" X 2" H
BODY: 27" H
FLANGE MOUNT: Ø3.5"

MAX 1050MA, CRI 90

COLOR TEMPS AVAILABLE:
2700K, 3000K, 4000K

BEAM ANGLE: 360º

POWER OPTIONS:
S – SERIES, REMOTE DRIVER
D3 - 12V AC, 2W INTEGRAL DRIVER
D7 - 12V AC, 4W INTEGRAL DRIVER
D10 - 12V AC, 6W INTEGRAL DRIVER
R – RETRO, 110/240V DRIVER (BOLLARD 700 ONLY)
*REMOTE DRIVER WIRED IN SERIES. INTERNAL DRIVER WIRED IN PARALLEL.

IP56/IP66 – RATED FOR WET LOCATIONS.
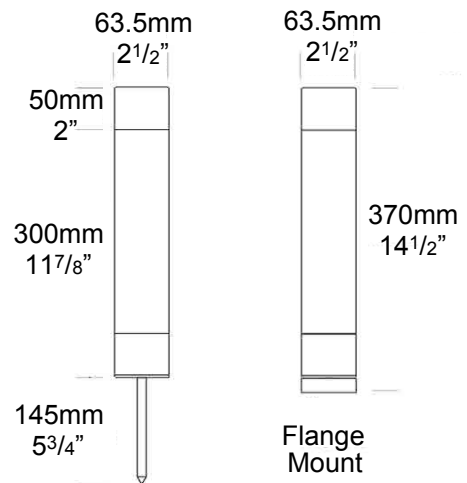
*OTHER ACCESSORIES AND LAMP OPTIONS AVAILABLE.
UL LISTED

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BOLLARD

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Bollard 300

PURELED SPECIFICATIONS CE c(UL)us LISTED

LED Chip	Cree XHP-50-2 Plug and Play field replaceable LED board
Luminaire Output	510 Lumens @ 1050mA (6 watts), 340 Lumens @ 700mA (4 watts), 160 Lumens @ 350mA (2 watts), delivered from luminaire with unobstructed beam.
Lumens Per Watt	85 Lumens minimum @ 6 watts , delivered from luminaire with unobstructed beam
CRI (3000K)	90+
Colour Temperatures	2700K, 3000K, 4000K
Beam Angles	360 degrees
Ingress Protection	IP56/IP66
Warranty	Electronics = 5 years Body Cop/ SS = 10 years Body Aluminium = 5 years
Standards	AS/NZS 61046 cUL 1838, 2108 CSA C22.2 No.250.7, No.250.0-08 CE

63.5mm 2¹/₂"

63.5mm 2¹/₂"

50mm 2"

300mm 11⁷/₈"

370mm 14¹/₂"

145mm 5³/₄"

Flange Mount

PRODUCT CONFIGURATION
Please fill in appropriate codes into boxes provided

Cat. No. BOL300/L

Luminaire	Power	Material/ Finish	Beam	Colour	Accessories
BOL300/L					

S	SERIES, REMOTE DRIVER
D3	12VAC, 2W INTEGRAL
D7	12VAC, 4W INTEGRAL
D10	12VAC, 6W INTEGRAL
D24	24VDC DRIVER

SERIES, REMOTE DRIVER REQUIRED:
Constant current driver
Individual fixtures require 6vdc @ 1050mA maximum
12VAC INTEGRAL DRIVER:
Hunza integrated plug and play driver (included)
Input:9-15VAC.
Output: 6vdc @ D3=350mA, D7=700mA, D10=1050mA
(1050mA limited to ≤ 40ºC (104ºF) ambient temperature in stainless steel)
24VDC DRIVER:
Input: 24vdc.
Output: 18vdc @ 700mA constant current (non dimming).
Note: not for USA.

EBK	BLACK
EBZ	BRONZE
EOGR	OLIVE GREEN
EWH	WHITE
EWB	WHITE BIRCH
EDG	DARK GREY
ESTAR	SILVER STAR
ECT	CORTEN
COP	SOLID COPPER
SS	STAINLESS STEEL

360	360°

2	2700K
3	3000K
4	4000K

CJK	CABLE JOINT KIT
BOLOP	OPAQUE LENS
HOOD140C	HOOD 140MM CONTOURED
HOOD140S	HOOD 140MM SMOOTH
GSBOL	GLARE SHIELD *reduces beam angle to 180°*
FM	FLANGE MOUNT
FM90	EXTERNAL FLANGE MOUNT 90

OTHER LAMP OPTIONS:
BOL300/H - MR16 Halogen 12V Lamp
BOL300/SL - MR16 LED Retrofit 12V Lamp (lamps vary by market - please refer to supplier for details)
BOL300/GUH - GU10 120/240V Halogen Lamp (body length increases for all GU10 lamps)
BOL300/GUSL - GU10 LED Retrofit 120/240V Lamp (lamps vary by market - please refer to supplier for details)

LUMINAIRE CONSTRUCTION

CNC machined from one of the following metals:

Aluminium:
Body: Solid high corrosion resistant 63.5mm (2½") x 10mm (3/8") aluminium.
Pole: 63.5mm (2½") aluminium.
End cap: solid aluminium 63.5mm (2½") rod, with chromate substrate and high UV resistant polyester powder coat.
Colours:
Black, Bronze, Silver Star, White, White Birch, Olive Green, Dark Grey, Corten.

Copper:
Body: 63.5mm (2½") x 10mm (3/8").
Pole: solid copper 63.5mm (2½").
End cap: solid copper 63.5mm (2½") rod.

316 Stainless Steel:
Body: 63.5mm (2½") x 10mm (3/8").
Pole: 316 stainless steel 63.5mm (2½").
End cap: solid 316 stainless steel 63.5 (2½") rod.

Anti-glare Hood:
140mm (5½") x 1.2mm (1/16") handspun aluminium, copper or stainless steel. No upward light or glare projected.

Lens:
UV stable polycarbonate lens with anti-glare mesh and dual angle reflector projects light horizontally and at 45º onto the ground.
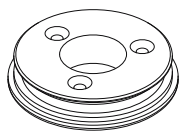
Gaskets:
Silicone, iron impregnated 220ºC (428ºF)

Mounting:
Set in concrete in the ground or specify with flange mount option, which bolts to concrete, tiling or wooden decks.
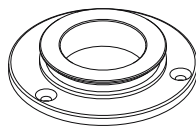
Luminaire Weight:
Low voltage
Alum: 0.870kg (1lb 15oz)
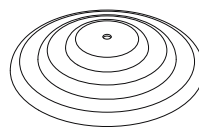Cop: 2.290kg (5lb 1oz)
SS: 2.170kg (4lb 13oz)

ACCESSORIES
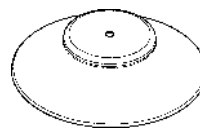

Flange Mount

Flange Mount 90
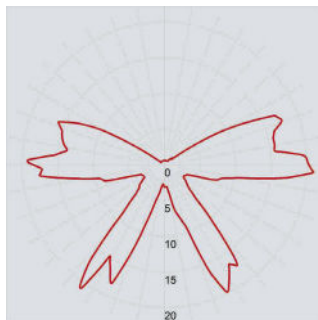
Hood 140mm Contoured

Hood 140mm Smooth

BEAM ANGLES

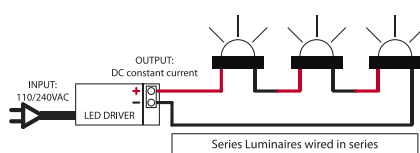IES files available for download: hunzalighting.com/downloads

Polycarbonate lens

WIRING GUIDE

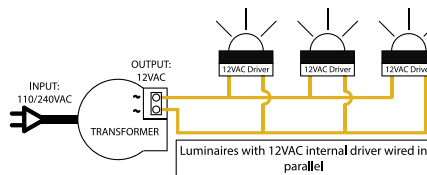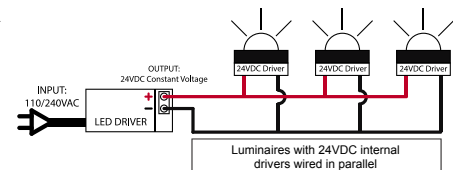Available for download: hunzalighting.com/downloads

Series/remote driver

12v integral driver

24vdc integral driver

Diagrams are a guide only, wire colours and polarity may change depending on fixture and country

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Bollard 700

PURELED SPECIFICATIONS $C\epsilon$ ᶜ(UL)ᵘˢ LISTED

LED Chip	Cree XHP-50-2 Plug and Play field replaceable LED board
Luminaire Output	510 Lumens @ 1050mA (6 watts), 340 Lumens @ 700mA (4 watts), 160 Lumens @ 350mA (2 watts), delivered from luminaire with unobstructed beam.
Lumens Per Watt	85 Lumens minimum @ 6 watts, delivered from luminaire with unobstructed beam
CRI (3000K)	90+
Colour Temperatures	2700K, 3000K, 4000K
Beam Angles	360 degrees
Ingress Protection	IP56/IP66
Warranty	Electronics = 5 years Body Cop/ SS = 10 years Body Aluminium = 5 years
Standards	AS/NZS 61046 cUL 1838, 2108 CSA C22.2 No.250.7, No.250.0-08 CE

63.5mm 2¹/₂"
50mm 2"
685mm 27"

63.5mm 2¹/₂"
50mm 2"
688mm 27"
Flange Mount

63.5mm 2¹/₂"
50mm 2"
688mm 27"
Flange Mount 90mm

PRODUCT CONFIGURATION

Please fill in appropriate codes into boxes provided

Cat. No. BOL700/L

Luminaire	Power	Material/ Finish	Beam	Colour	Accessories
BOL700/L					

Power:
- **S** SERIES, REMOTE DRIVER
- **D3** 12VAC, 2W INTEGRAL
- **D7** 12VAC, 4W INTEGRAL
- **D10** 12VAC, 6W INTEGRAL
- **D24** 24VDC DRIVER
- **R** RETRO, 110/240V DRIVER

SERIES, REMOTE DRIVER REQUIRED:
Constant current driver
Individual fixtures require 6vdc @ 1050mA maximum

12VAC INTEGRAL DRIVER:
Hunza integrated plug and play driver (included)
Input: 9-15VAC
Output: 6vdc @ D3=350mA, D7=700mA, D10=1050mA
(1050mA limited to ≤ 40°C (104°F) ambient temperature in stainless steel)

110/240VAC RETRO DRIVER:
Input: 120/240vac, 5 watt total (included)
Output: 6vdc, 700mA (non dimming)

24VDC DRIVER:
Input: 24vdc.
Output: 18vdc @ 700mA constant current (non dimming).
Note: not for USA.

Material/Finish:

ALUMINIUM
- **EBK** BLACK
- **EBZ** BRONZE
- **EOGR** OLIVE GREEN
- **EWH** WHITE
- **EWB** WHITE BIRCH
- **EDG** DARK GREY
- **ESTAR** SILVER STAR
- **ECT** CORTEN

- **COP** SOLID COPPER
- **SS** STAINLESS STEEL

Beam:
- **360** 360°

Colour:
- **2** 2700K
- **3** 3000K
- **4** 4000K

Accessories:
- **CJK** CABLE JOINT KIT
- **BOLOP** OPAQUE LENS
- **HOOD140C** HOOD 140MM CONTOURED
- **HOOD140S** HOOD 140MM SMOOTH
- **GSBOL** GLARE SHIELD *reduces beam angle to 180°*
- **FM** FLANGE MOUNT
- **FM90** EXTERNAL FLANGE MOUNT 90

Click here for halogen specification sheet

OTHER LAMP OPTIONS:
BOL700/H - MR16 Halogen 12V Lamp
BOL700/SL - MR16 LED Retrofit 12V Lamp (lamps vary by market - please refer to supplier for details)
BOL700/GUH - GU10 120/240V Halogen Lamp (body length increases for all GU10 lamps)
BOL700/GUSL - GU10 LED Retrofit 120/240V Lamp (lamps vary by market - please refer to supplier for details)

Click here for 240v Remote Power Supply Guidance Charts

Click here for USA Remote Power Supply Guidance Charts

LUMINAIRE CONSTRUCTION

CNC machined from one of the following metals:

Aluminium:
Body: Solid high corrosion resistant 63.5mm (2½") x 10mm (3/8") aluminium.
Pole: 63.5mm (2½") aluminium.
End cap: solid aluminium 63.5mm (2½") rod, with chromate substrate and high UV resistant polyester powder coat.
Colours:
Black, Bronze, Silver Star, White, White Birch, Olive Green, Dark Grey, Corten.

Copper:
Body: 63.5mm (2½") x 10mm (3/8").
Pole: solid copper 63.5mm (2½").
End cap: solid copper 63.5mm (2½") rod.

316 Stainless Steel:
Body: 63.5mm (2½") x 10mm (3/8").
Pole: 316 stainless steel 63.5mm (2½").
End cap: solid 316 stainless steel 63.5 (2½") rod.

Anti-glare Hood:
140mm (5½") x 1.2mm (1/16") handspun aluminium, copper or stainless steel. No upward light or glare projected.

Lens:
UV stable polycarbonate lens with anti-glare mesh and dual angle reflector projects light horizontally and at 45º onto the ground.

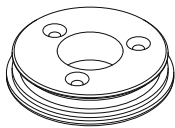**Gaskets:**
Silicone, iron impregnated 220ºC (428ºF)

Mounting:
Set in concrete in the ground or specify with flange mount option, which bolts to concrete, tiling or wooden decks.

Luminaire Weight:
Low voltage
Alum: 0.870kg (1lb 15oz)
Cop: 2.290kg (5lb 1oz)
SS: 2.170kg (4lb 13oz)
Retro™
Alum: 2.700kg (5lb 15oz)
Cop: 5.200kg (11lb 7oz)
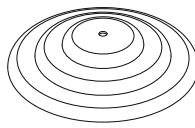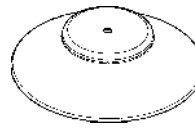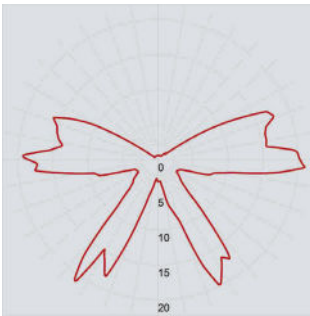SS: 4.650kg (10lb 4oz)

ACCESSORIES

Flange Mount

Flange Mount 90

Hood 140mm Contoured

Hood 140mm Smooth

BEAM ANGLES
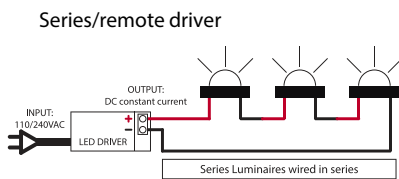
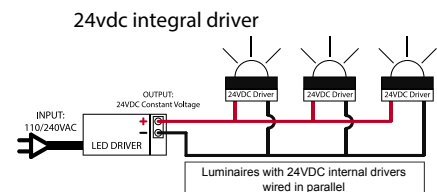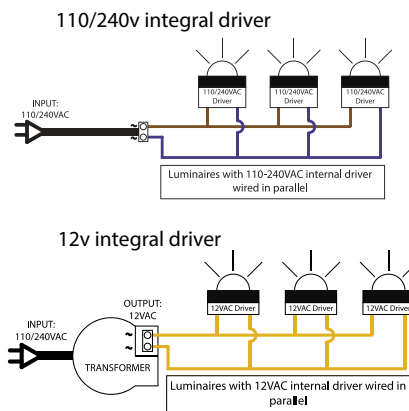IES files available for download: hunzalighting.com/downloads

Polycarbonate lens

WIRING GUIDE

Available for download: hunzalighting.com/downloads

110/240v integral driver

INPUT: 110/240VAC
110/240VAC Driver
Luminaires with 110-240VAC internal driver wired in parallel

Series/remote driver

OUTPUT: DC constant current
INPUT: 110/240VAC
LED DRIVER
Series Luminaires wired in series

24vdc integral driver

OUTPUT: 24VDC Constant Voltage
INPUT: 110/240VAC
LED DRIVER
24VDC Driver
Luminaires with 24VDC internal drivers wired in parallel

12v integral driver

OUTPUT: 12VAC
INPUT: 110/240VAC
TRANSFORMER
12VAC Driver
Luminaires with 12VAC internal driver wired in parallel

Diagrams are a guide only, wire colours and polarity may change depending on fixture and country

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FINISHES

Powdercoated Aluminium

Black

Dark Grey

White

Corten

Birch

Bronze

Olive Green

Silver Star

Solid Metals

Natural Bronze

Natural Copper

316 Stainless Steel
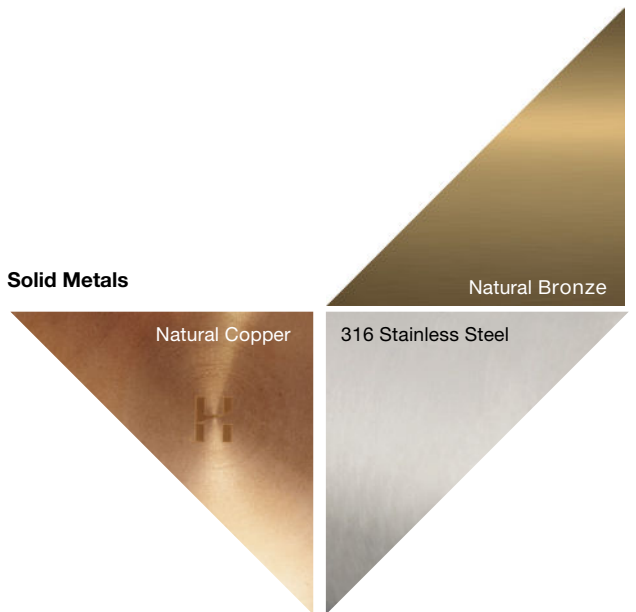
- **Due to the limitation of print and screen resolution these colours should be usedas a general guide only**

- **Solid copper and bronze are natural finishes designed to gradually weather & patina**

- **Solid stainless steel may acquire a surface tarnish in certain environments. Regular washing is recommended to avoid this.**

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