



Small (Mini/Short) Bollard. To order, change NB20-xxx-xx-x to NBS20-xxx-xx-x.

The Nelson 20W is a classic IP55 / IK10 rated Black Dome Head LED bollard, creating an energy efficient and stylish outdoor feature.

Manufactured from extruded die-cast aluminium, featuring louvres for optimum performance and a transparent strong UV stabilised polycarbonate diffuser.

Options include Bolt-on Root Mount, 180° Spill Shield, Dali, Mini Photocell and 3hr Emergency.

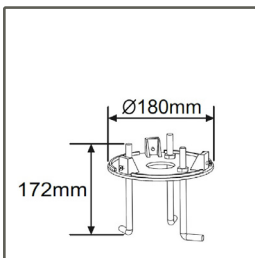


# Nelson 20W - LED Bollard

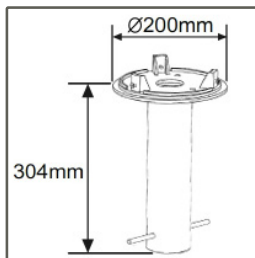
## Bollard Lighting



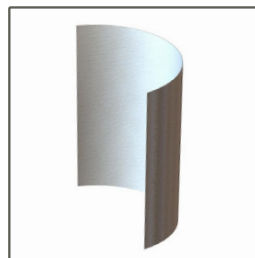
## Features & Benefits



Root Mounting Kit. To be ordered separately, code: FIX 0053.



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



180° Spill Shield. To be ordered separately, code: FIX 0191.

- LED rating 2,640lm (4K & 6K).
- LED rating 2,233lm (3K).
- Luminaire flux 1,848lm (4K & 6K).
- Luminaire flux 1,563lm (3K).
- Total wattage 20W.
- Warm White (3K), Neutral White (4K) and Cool White (6K) colour temperature options.
- IP55 / IK10 rated.
- -20 to +40°C operating temperature (Emergency 0 to +40°C).
- LED Life span > 100,000hrs.
- Osram LED and Osram Driver.
- Easy access to LED and Driver via a removable head.
- Options available include Bolt-on Root Mount, 180° Spill Shield, Dali, Mini Photocell and 3hr Emergency.
- Aluminium louvres for optimum performance and minimal upward light.
- Tamper proof fixings for increased vandal resistance.
- Manufactured from extruded die-cast aluminium with strong UV stabilised polycarbonate diffuser.
- Small (Mini/Short) bollard version available.

## Applications

-  Prestigious Grounds
-  Walkways
-  Car Parks
-  Security
-  Parks & Gardens
-  Amenity Areas

## Kelvin Options



## Painted Options



NB: additional RAL colours on request.

# Dimensions

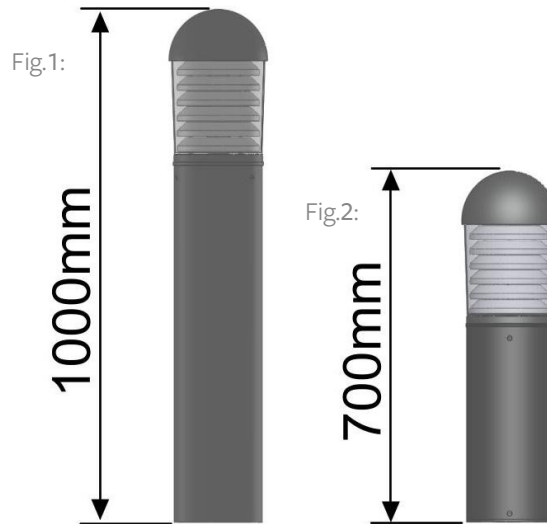


Fig.1: Regular Bollard.  
Fig.2: Small (Short/Mini) Bollard.

## Specifications

### Nelson 20W

Item Number	Description	Light Source	LED Rating (lm)	Total Wattage (W)	CCT (K)	CRI	Voltage (VAC)	Driver Current (mA)	Luminaire Flux (lm)	Luminaire Efficacy (lm/W)	Kg	Height (mm)	Unit Colour
<b>Standard</b>													
NB20-A3C-00B	Nelson-20W-LED-AC-6K-Std-Black	LED	2,640	20	6K	Ra>70	220-240	350	1,848	92	7	1000	Black
NB20-A3N-00B	Nelson-20W-LED-AC-4K-Std-Black	LED	2,640	20	4K	Ra>70	220-240	350	1,848	92	7	1000	Black
NB20-A3W-00B	Nelson-20W-LED-AC-3K-Std-Black	LED	2,233	20	3K	Ra>80	220-240	350	1,563	78	7	1000	Black
<b>Standard - Mini Photocell</b>													
NB20-A3C-04B	Nelson-20W-LED-AC-6K-Std-M/Photocell-Black	LED	2,640	20	6K	Ra>70	220-240	350	1,848	92	7	1000	Black
NB20-A3N-04B	Nelson-20W-LED-AC-4K-Std-M/Photocell-Black	LED	2,640	20	4K	Ra>70	220-240	350	1,848	92	7	1000	Black
NB20-A3W-04B	Nelson-20W-LED-AC-3K-Std-M/Photocell-Black	LED	2,233	20	3K	Ra>80	220-240	350	1,563	78	7	1000	Black
<b>Standard - Emergency</b>													
NB20-A3C-01B	Nelson-20W-LED-AC-6K-Std-E3-Black	LED	2,640	20	6K	Ra>70	220-240	350	1,848	92	8	1000	Black
NB20-A3N-01B	Nelson-20W-LED-AC-4K-Std-E3-Black	LED	2,640	20	4K	Ra>70	220-240	350	1,848	92	8	1000	Black
NB20-A3W-01B	Nelson-20W-LED-AC-3K-Std-E3-Black	LED	2,233	20	3K	Ra>80	220-240	350	1,563	78	8	1000	Black
<b>Standard - Mini Photocell - Emergency</b>													
NB20-A3C-10B	Nelson-20W-LED-AC-6K-Std-M/Photocell-E3-Black	LED	2,640	20	6K	Ra>70	220-240	350	1,848	92	8	1000	Black
NB20-A3N-10B	Nelson-20W-LED-AC-4K-Std-M/Photocell-E3-Black	LED	2,640	20	4K	Ra>70	220-240	350	1,848	92	8	1000	Black
NB20-A3W-10B	Nelson-20W-LED-AC-3K-Std-M/Photocell-E3-Black	LED	2,233	20	3K	Ra>80	220-240	350	1,563	78	8	1000	Black

(table continued overleaf)

# Specifications (Continued)

## Nelson 20W

Item Number	Description	Light Source	LED Rating (lm)	Total Wattage (W)	CCT (K)	CRI	Voltage (VAC)	Driver Current (mA)	Luminaire Flux (lm)	Luminaire Efficacy (lm/W)	Kg	Height (mm)	Unit Colour
<b>Dali</b>													
NB20-A3C-20B	Nelson-20W-LED-AC-6K-Dali-Black	LED	2,640	20	6K	Ra>70	220-240	350	1,848	92	7	1000	Black
NB20-A3N-20B	Nelson-20W-LED-AC-4K-Dali-Black	LED	2,640	20	4K	Ra>70	220-240	350	1,848	92	7	1000	Black
NB20-A3W-20B	Nelson-20W-LED-AC-3K-Dali-Black	LED	2,233	20	3K	Ra>80	220-240	350	1,563	78	7	1000	Black
<b>Dali - Dali/Emergency</b>													
NB20-A3C-32B	Nelson-20W-LED-AC-6K-Dali-Dali/E3-Black	LED	2,640	20	6K	Ra>70	220-240	350	1,848	92	8	1000	Black
NB20-A3N-32B	Nelson-20W-LED-AC-4K-Dali-Dali/E3-Black	LED	2,640	20	4K	Ra>70	220-240	350	1,848	92	8	1000	Black
NB20-A3W-32B	Nelson-20W-LED-AC-3K-Dali-Dali/E3-Black	LED	2,233	20	3K	Ra>80	220-240	350	1,563	78	8	1000	Black

Legend: **Std** = Standard. **Dali** = Dali Driver. **M/Photocell** = Mini Photocell. **E3** = Emergency. **Dali/E3** = Dali Emergency.

**3K** = Warm White (3000K). **4K** = Neutral White (4000K). **6K** = Cool White (6000K). **WW** = Warm White. **NW** = Neutral White. **CW** = Cool White.

Options: **Small (Mini/Short 5.25Kg) Bollard** = Change NB20 to NBS20.

## Photometric Data

To access our photometric data, visit: [bit.ly/3BaSfio](http://bit.ly/3BaSfio).



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## Need a Lighting Design?

We offer a free of charge design service, contact our team today:  
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Disclaimer: Information correct at the time of publication; V220912.