



Small (Mini/Short) Bollard. To order, change NB10-xxx-xx-x to NBS10-xxx-xx-x.

The Nelson 10W 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.



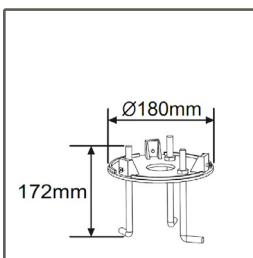
# Nelson 10W - LED Bollard

## Bollard Lighting

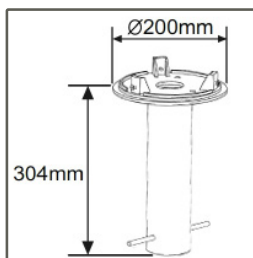


## Features & Benefits

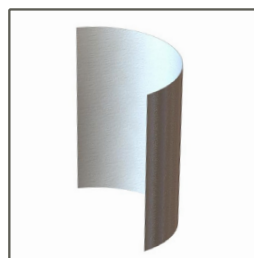
- LED rating 1,320lm (4K & 6K).
- LED rating 1,117lm (3K).
- Luminaire flux 924lm (4K & 6K).
- Luminaire flux 782lm (3K).
- Total wattage 10W.
- Warm White (3K), Neutral White (4K) and Cool White (6K) colour temperature options.
- IP55 / IK10 rated.
- -20 to +40°C operating temperature (Emergency 0 to +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.



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.

## Applications

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

## Kelvin Options



## Painted Options



NB: additional RAL colours on request.

# Dimensions

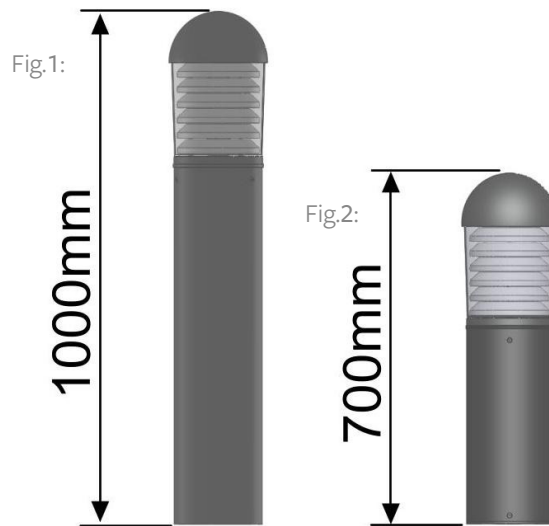


Fig.1: Regular Bollard.  
Fig.2: Small (Short/Mini) Bollard.

## Specifications

### Nelson 10W

| 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>                              |                                               |              |                 |                   |         |       |               |                     |                     |                           |    |             |             |
| NB10-A1C-00B                                 | Nelson-10W-LED-AC-6K-Std-Black                | LED          | 1,320           | 10                | 6K      | Ra>70 | 220-240       | 175                 | 924                 | 92                        | 7  | 1000        | Black       |
| NB10-A1N-00B                                 | Nelson-10W-LED-AC-4K-Std-Black                | LED          | 1,320           | 10                | 4K      | Ra>70 | 220-240       | 175                 | 924                 | 92                        | 7  | 1000        | Black       |
| NB10-A1W-00B                                 | Nelson-10W-LED-AC-3K-Std-Black                | LED          | 1,117           | 10                | 3K      | Ra>80 | 220-240       | 175                 | 782                 | 78                        | 7  | 1000        | Black       |
| <b>Standard - Mini Photocell</b>             |                                               |              |                 |                   |         |       |               |                     |                     |                           |    |             |             |
| NB10-A1C-04B                                 | Nelson-10W-LED-AC-6K-Std-M/Photocell-Black    | LED          | 1,320           | 10                | 6K      | Ra>70 | 220-240       | 175                 | 924                 | 92                        | 7  | 1000        | Black       |
| NB10-A1N-04B                                 | Nelson-10W-LED-AC-4K-Std-M/Photocell-Black    | LED          | 1,320           | 10                | 4K      | Ra>70 | 220-240       | 175                 | 924                 | 92                        | 7  | 1000        | Black       |
| NB10-A1W-04B                                 | Nelson-10W-LED-AC-3K-Std-M/Photocell-Black    | LED          | 1,117           | 10                | 3K      | Ra>80 | 220-240       | 175                 | 782                 | 78                        | 7  | 1000        | Black       |
| <b>Standard - Emergency</b>                  |                                               |              |                 |                   |         |       |               |                     |                     |                           |    |             |             |
| NB10-A1C-01B                                 | Nelson-10W-LED-AC-6K-Std-E3-Black             | LED          | 1,320           | 10                | 6K      | Ra>70 | 220-240       | 175                 | 924                 | 92                        | 8  | 1000        | Black       |
| NB10-A1N-01B                                 | Nelson-10W-LED-AC-4K-Std-E3-Black             | LED          | 1,320           | 10                | 4K      | Ra>70 | 220-240       | 175                 | 924                 | 92                        | 8  | 1000        | Black       |
| NB10-A1W-01B                                 | Nelson-10W-LED-AC-3K-Std-E3-Black             | LED          | 1,117           | 10                | 3K      | Ra>80 | 220-240       | 175                 | 782                 | 78                        | 8  | 1000        | Black       |
| <b>Standard - Mini Photocell - Emergency</b> |                                               |              |                 |                   |         |       |               |                     |                     |                           |    |             |             |
| NB10-A1C-10B                                 | Nelson-10W-LED-AC-6K-Std-M/Photocell-E3-Black | LED          | 1,320           | 10                | 6K      | Ra>70 | 220-240       | 175                 | 924                 | 92                        | 8  | 1000        | Black       |
| NB10-A1N-10B                                 | Nelson-10W-LED-AC-4K-Std-M/Photocell-E3-Black | LED          | 1,320           | 10                | 4K      | Ra>70 | 220-240       | 175                 | 924                 | 92                        | 8  | 1000        | Black       |
| NB10-A1W-10B                                 | Nelson-10W-LED-AC-3K-Std-M/Photocell-E3-Black | LED          | 1,117           | 10                | 3K      | Ra>80 | 220-240       | 175                 | 782                 | 78                        | 8  | 1000        | Black       |

(table continued overleaf)

# Specifications (Continued)

## Nelson 10W

| 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>                  |                                         |              |                 |                   |         |       |               |                     |                     |                           |    |             |             |
| NB10-A1C-20B                 | Nelson-10W-LED-AC-6K-Dali-Black         | LED          | 1,320           | 10                | 6K      | Ra>70 | 220-240       | 175                 | 924                 | 92                        | 7  | 1000        | Black       |
| NB10-A1N-20B                 | Nelson-10W-LED-AC-4K-Dali-Black         | LED          | 1,320           | 10                | 4K      | Ra>70 | 220-240       | 175                 | 924                 | 92                        | 7  | 1000        | Black       |
| NB10-A1W-20B                 | Nelson-10W-LED-AC-3K-Dali-Black         | LED          | 1,117           | 10                | 3K      | Ra>80 | 220-240       | 175                 | 782                 | 78                        | 7  | 1000        | Black       |
| <b>Dali - Dali/Emergency</b> |                                         |              |                 |                   |         |       |               |                     |                     |                           |    |             |             |
| NB10-A1C-32B                 | Nelson-10W-LED-AC-6K-Dali-Dali/E3-Black | LED          | 1,320           | 10                | 6K      | Ra>70 | 220-240       | 175                 | 924                 | 92                        | 8  | 1000        | Black       |
| NB10-A1N-32B                 | Nelson-10W-LED-AC-4K-Dali-Dali/E3-Black | LED          | 1,320           | 10                | 4K      | Ra>70 | 220-240       | 175                 | 924                 | 92                        | 8  | 1000        | Black       |
| NB10-A1W-32B                 | Nelson-10W-LED-AC-3K-Dali-Dali/E3-Black | LED          | 1,117           | 10                | 3K      | Ra>80 | 220-240       | 175                 | 782                 | 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 NB10 to NBS10.

## 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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