



The Nelson is a classic IP55 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 available include bolt-on root, 180° Spill Shield, Mini Photocell and 3hr Emergency

## Nelson 20W - LED Bollard

### Bollard Lighting



### Features

- LED rating 2,640lm (4000K & 6000K).
- LED rating 2,233lm (3000K).
- Luminaire flux 1,848lm (4000K & 6000K).
- Luminaire flux 1,563lm (3000K).
- 3000K (WW), 4000K (NW) and 6000K (CW) colour temperature options.
- -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.
- White coated steel 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 lens.

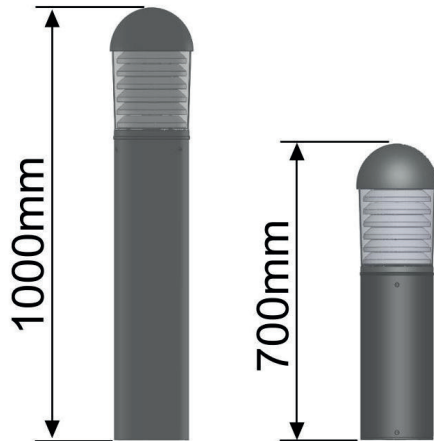
### Applications

- Prestigious Grounds
- Car Parks
- Parks and Gardens
- Walk Ways
- Security
- Amenity Areas

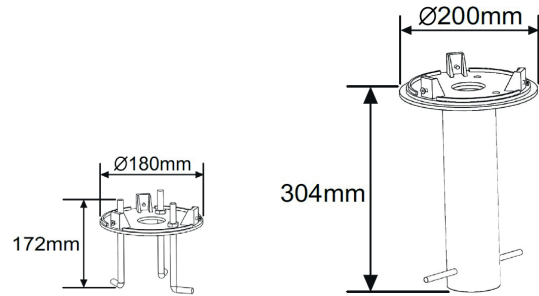
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**0800 999 5201**

## Dimensions



## Fixing Options



FIX-0053

FIX-0054

## Specifications

### Nelson 20W

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

# Specifications

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Item Number	Description	Light Source	LED Rating (lm)	Total Wattage (W)	Colour Name	CCT (K)	CRI	Voltage (VAC)	Driver Current (mA)	Luminaire Flux (lm)	Luminaire Efficacy (lm/W)	Kg	Unit Colour
<b>Dali</b>													
NB20-A3C-20B	Nelson-20W-LED-AC-6K-Dali-Black	LED	2,640	20	CW	6K	Ra>70	220-240	350	1,848	92	7	Black
NB20-A3N-20B	Nelson-20W-LED-AC-4K-Dali-Black	LED	2,640	20	NW	4K	Ra>70	220-240	350	1,848	92	7	Black
NB20-A3W-20B	Nelson-20W-LED-AC-3K-Dali-Black	LED	2,233	20	WW	3K	Ra>80	220-240	350	1,563	78	7	Black
<b>Dali - Emergency</b>													
NB20-A3C-21B	Nelson-20W-LED-AC-6K-Dali-E3-Black	LED	2,640	20	CW	6K	Ra>70	220-240	350	1,848	92	8	Black
NB20-A3N-21B	Nelson-20W-LED-AC-4K-Dali-E3-Black	LED	2,640	20	NW	4K	Ra>70	220-240	350	1,848	92	8	Black
NB20-A3W-21B	Nelson-20W-LED-AC-3K-Dali-E3-Black	LED	2,233	20	WW	3K	Ra>80	220-240	350	1,563	78	8	Black

Legend: **Std** = Standard. **M/Photocell** = Mini Photocell. **3K** = Warm White (3000K). **4K** = Neutral White (4000K). **6K** = Cool White (6000K). **WW** = Warm White. **NW** = Neutral White. **CW** = Cool White. Note: **Small 700mm Height Bollard (4.75Kg)** - Change NB20 to NBS20.

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