

# Street & Amenity Lighting Solutions



LED technology is able to offer many benefits over non-solid state lighting. Improved utilisation of energy, reducing CO<sup>2</sup> emissions and saving on maintenance costs are just a few areas where the new technology can transform your exterior scheme design. The rapid pace of advancement in technology and the benefits that they bring can be integrated into a whole range of lighting products, coupled with ASD Lighting's reputation for cutting edge innovative luminaire design creates simply stunning aesthetics. Within this section we have products with optical performance suitable for residential roads, traffic routes, public amenity areas, pedestrian crossings, parks, footpaths, cycle ways, rail platforms and many other exterior applications.



**Highway Diamond  
Elite**



**Metro Globe**

# HIGHWAY DIAMOND ELITE RANGE

NEW  
Product





# HIGHWAY DIAMOND ELITE

LED

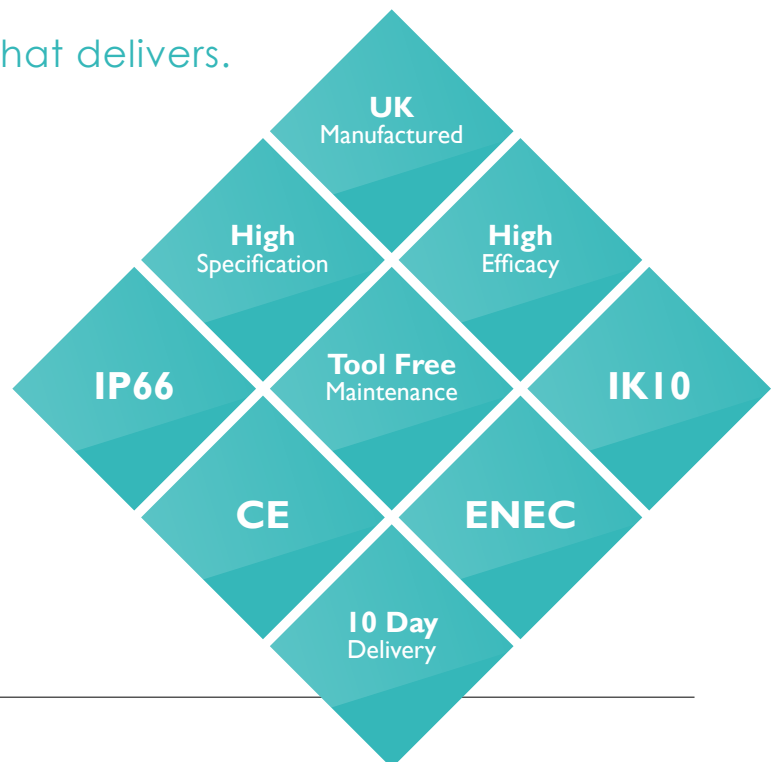


## The high performance luminaire that delivers.

The Highway Diamond Elite by ASD Lighting offers a complete family of luminaires with an unsurpassed flexibility of lumen outputs, optical distributions and specification features.

It is suitable for use in a multitude of locations, from rural villages through to modern 24 hour smart cities, main roads, motorways and infrastructure projects.

Three body sizes with modern sympathetic styling to ensure architects, planners and designers can follow an integrated design with a homogenous family of luminaires.



### Suitable Applications



Footpath



Residential



Cycle Routes



Car Parks



Traffic Routes



Pedestrian



Rail



Motorway





# HIGHWAY DIAMOND ELITE RANGE

LED



Technical Data	Standard Features	Additional Detail
LED	✓	Designed solely for an LED light source
Driver	✓	DALI Programmable, CMS Compatible
Driver Current	Various	200 - 700 mA
Dimming	✓	Multiple Step / Part Night
Constant Light Output	✓	
Photometric Lens Options	✓ (Multiple)	Inc. Narrow / Medium / Wide / Extra Wide / Pedestrian Crossing
Luminaire Materials	Die-Cast Aluminium	Housing / Spigot / Fixing Clip
RAL Colours	Black / Light Grey	9005 / 9006
Correlated Colour Temperature	Various	Warm White / Neutral White / Cool White
Colour Rendering	> 80 > 72	Warm White Neutral White / Cool White
Ingress Protection Rating	IP66	Gear & LED Compartments
Impact Protection Rating	IK10	Optical Cover
Optical Cover	✓ Flat Cover	UV Stable Polycarbonate
Entry to Gear Compartment	Tool Free	Simple fixing clip
Driver Gear Tray Replacement	Tool Free	Completely replaceable without tools required
Inbuilt Anti-Tamper Facility	✓	Instructions provided in the luminaire
Protection Class	Class I	
Warranty Period	Standard 5 Years	Extended Warranties Available
Specification	✓ (Various)	Inc. CE Certification / ENEC Mark
Design Life	100,000 hr	(L90, F10)
Mains Voltage	220-240V / 50-60 Hz	
Operating Temperature Range	-40 to +55°C	Based on ambient external temperature
Surge Protection	Inbuilt in Driver	10 kV (1 pulse) / 8 kV
Manufacturing Location	UK	

# HIGHWAY DIAMOND ELITE

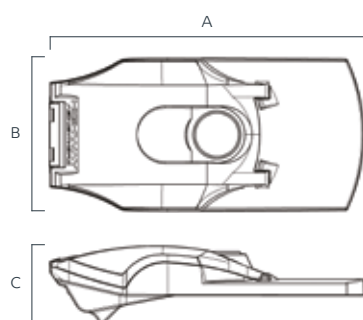
## LED



Light grey  
HWD/J



Other RAL Colours  
available on request



A	476mm
B	233mm
C	116mm

### LED Types

- 4000K.
- 3000K.
- 5700K.
- LED 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44.
- Photometric Lens Options.
- 100,000 Hour Design Life (L90 F10).

### Materials

- Body: Die cast aluminium (powder coated).
- Diffuser: Vandal resistant clear polycarbonate.

### Installation

- Post top / Side Entry Ø 60 mm - Ø 76 mm (HWD).
- Post top tilt 0° / 5° / 10° / 15° / 20°.
- Side entry tilt -5° / 0° / 5° / 10° / 15°.
- Side Entry Ø 28 mm - Ø 42 mm (HWD/S).
- Inbuilt Anti-Tamper Facility To Secure Gear Compartment.

### Maintenance

- Tool Less Entry To Gear Compartment.
- Tool Free Driver Gear Replacement.
- Tool Free Maintenance.
- Auto disconnect (optional extra).

### Standards

- IP66.
- IK10.
- CE.
- ENEC.
- BS EN 60598.
- Class I.

### Options

LED	Highway Diamond Elite LED Code	Colour Finish	Driver Current	IP Rating	CRI	CCT	System Power	Delivered Lumens	Efficacy	Emergency Available	Mini Cell Available	NEMA Socket Available	PIR Available
LED 12	HWD/B4LED1235-S1	Black	350mA	IP66	>72	4000K	17W	1699lm	113lm/W	✓	✓	✓	✓
LED 12	HWD/B4LED1250-S1	Black	500mA	IP66	>72	4000K	21W	2329lm	111lm/W	✓	✓	✓	✓
LED 20	HWD/B4LED2035-S1	Black	350mA	IP66	>72	4000K	23W	2781lm	121lm/W	✓	✓	✓	✓
LED 20	HWD/B4LED2050-S1	Black	500mA	IP66	>72	4000K	33W	3823lm	116lm/W	✓	✓	✓	✓
LED 28	HWD/B4LED2835-S1	Black	350mA	IP66	>72	4000K	32W	3899lm	122lm/W	✓	✓	✓	✓
LED 28	HWD/B4LED2850-S1	Black	500mA	IP66	>72	4000K	44W	5345lm	112lm/W	✓	✓	✓	✓
LED 36	HWD/B4LED3635-S1	Black	350mA	IP66	>72	4000K	39W	4955lm	127lm/W	✓	✓	✓	✓
LED 36	HWD/B4LED3650-S1	Black	500mA	IP66	>72	4000K	55W	6796lm	124lm/W	✓	✓	✓	✓
LED 44	HWD/B4LED4435-S1	Black	350mA	IP66	>72	4000K	48W	5966lm	124lm/W	✓	✓	✓	✓
LED 44	HWD/B4LED4450-S1	Black	500mA	IP66	>72	4000K	67W	8241lm	123lm/W	✓	✓	✓	✓

For the full range please refer to [asdstreetlighting.com](http://asdstreetlighting.com)

**Code Options** (Add suffix to code Before S1 Optic)



3 Hour Maintained  
Emergency  
**M**



Mini Cell  
**C**



PIR  
**P**



NEMA Socket  
**NS**

### Attachment Options

### Code

Wall Bracket	HWD/B90
Side Entry Spigot	HWDS
Front Light Shield	HWD/BLS100F
Side Light Shield	HWD/BLS100S
Rear Light Shield	HWD/BLS100R

# MIDI HIGHWAY DIAMOND ELITE

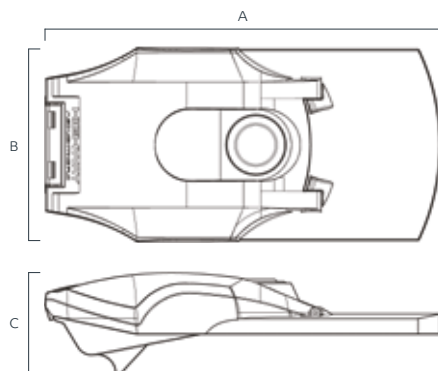
LED



Light grey  
HWD/J



Other RAL Colours  
available on request



A	672mm
B	329mm
C	173mm

## LED Types

- 4000K.
- 3000K.
- 5700K.
- LED 44, 52, 60, 68, 76, 84, 92, 100.
- Photometric Lens Options.
- 100,000 Hour Design Life (L90 F10).

## Materials

- Body: Die cast aluminium (powder coated).
- Diffuser: Vandal resistant clear polycarbonate.

## Installation

- Post top Ø 60 mm - Ø 76 mm.
- Post top tilt -5° / 0° / 5° / 10° / 15°.
- Side entry Ø 60 mm - Ø 76 mm.
- Side entry tilt -10° / -5° / 0° / 5° / 10° / 15°.
- Insert reducers available for smaller diameters.
- Inbuilt Anti-Tamper Facility To Secure Gear Compartment.

## Maintenance

- Tool Less Entry To Gear Compartment.
- Tool Free Driver Gear Tray Replacement.
- Tool Free Maintenance.
- Auto disconnect.

## Standards

- IP66.
- IK10.
- CE.
- ENEC.
- BS EN 60598.
- Class I.

## Options

LED	Midi Highway Diamond Elite LED Code	Colour Finish	Driver Current	IP Rating	CRI	CCT	System Power	Delivered Lumens	Efficacy	Emergency Available	Mini Cell Available	NEMA Socket Available	PIR Available
LED 52	HWD6/B4K5250-S1	Black	500mA	IP66	>72	4000K	80W	9415lm	118lm/W	✓	✓	✓	✓
LED 52	HWD6/B4K5270-S1	Black	700mA	IP66	>72	4000K	112W	12701lm	113lm/W	✓	✓	✓	✓
LED 68	HWD6/B4K6850-S1	Black	500mA	IP66	>72	4000K	103W	12655lm	123lm/W	✓	✓	✓	✓
LED 68	HWD6/B4K6870-S1	Black	700mA	IP66	>72	4000K	145W	16546lm	114lm/W	✓	✓	✓	✓
LED 84	HWD6/B4K8450-S1	Black	500mA	IP66	>72	4000K	126W	15457lm	123lm/W	✓	✓	✓	✓
LED 84	HWD6/B4K8470-S1	Black	700mA	IP66	>72	4000K	179W	19963lm	112lm/W	✓	✓	✓	✓
LED 100	HWD6/B4K10050-S1	Black	500mA	IP66	>72	4000K	150W	18213lm	121lm/W	✓	✓	✓	✓
LED 100	HWD6/B4K10070-S1	Black	700mA	IP66	>72	4000K	211W	24341lm	115lm/W	✓	✓	✓	✓

For the full range please refer to [asdstreetlighting.com](http://asdstreetlighting.com)

**Code Options** (Add suffix to code Before S1 Optic)



3 Hour Maintained  
Emergency  
**M**



Mini Cell  
**C**



PIR  
**P**



NEMA Socket  
**NS**

## Attachment Options

## Code

Wall Bracket	HWD6/B90
Front Light Shield	HWD6/BLS100F
Side Light Shield	HWD6/BLS100S
Rear Light Shield	HWD6/BLS100R



# MAXI HIGHWAY DIAMOND ELITE

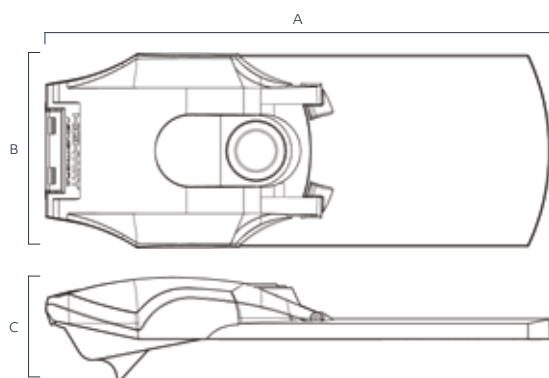
## LED



Light grey  
HWD/J



Other RAL Colours  
available on request



A	858mm
B	329mm
C	173mm

### LED Types

- 4000K.
- 3000K.
- 5700K.
- LED 100, 112, 124, 136, 148, 160.
- Photometric Lens Options.
- 100,000 Hour Design Life (L90 F10).

### Materials

- Body: Die cast aluminium (powder coated).
- Diffuser: Vandal resistant clear polycarbonate.

### Installation

- Post top Ø 60 mm - Ø 76 mm.
- Post top tilt -5° / 0° / 5° / 10° / 15°.
- Side entry Ø 60 mm - Ø 76 mm.
- Side entry tilt -10° / -5° / 0° / 5° / 10° / 15°.
- Insert reducers available for smaller diameters.
- Inbuilt Anti-Tamper Facility To Secure Gear Compartment.

### Maintenance

- Tool Less Entry To Gear Compartment.
- Tool Free Driver Gear Tray Replacement.
- Tool Free Maintenance.
- Auto disconnect.

### Standards

- IP66.
- IK10.
- CE.
- ENEC.
- BS EN 60598.
- Class I.

### Options

LED	Maxi Highway Diamond Elite LED Code	Colour Finish	Driver Current	IP Rating	CRI	CCT	System Power	Delivered Lumens	Efficacy	Emergency Available	Mini Cell Available	NEMA Socket Available	PIR Available
LED 112	HWD8/B4K11250-S1	Black	500mA	IP66	>72	4000K	171W	20874lm	122lm/W	✓	✓	✓	✓
LED 112	HWD8/B4K11270-S1	Black	700mA	IP66	>72	4000K	240W	27832lm	116lm/W	✓	✓	✓	✓
LED 136	HWD8/B4K13650-S1	Black	500mA	IP66	>72	4000K	207W	25347lm	122lm/W	✓	✓	✓	✓
LED 136	HWD8/B4K13670-S1	Black	700mA	IP66	>72	4000K	292W	33795lm	116lm/W	✓	✓	✓	✓
LED 160	HWD8/B4K16050-S1	Black	500mA	IP66	>72	4000K	244W	29820lm	122lm/W	✓	✓	✓	✓
LED 160	HWD8/B4K16070-S1	Black	700mA	IP66	>72	4000K	344W	39759lm	116lm/W	✓	✓	✓	✓

For the full range please refer to [asdstreetlighting.com](http://asdstreetlighting.com)

**Code Options** (Add suffix to code Before S1 Optic)



3 Hour Maintained  
Emergency  
**M**



Mini Cell  
**C**



PIR  
**P**



NEMA Socket  
**NS**

### Attachment Options

### Code

Wall Bracket	HWD6/B90
Front Light Shield	HWD6/BLS100F
Side Light Shield	HWD8/BLS100S
Rear Light Shield	HWD6/BLS100R



# METRO GLOBE

**LED**


## A robust globe exterior luminaire.

The Metro Globe LED embraces a clean & simple look, utilising a solid polycarbonate piece with a coated top, this outdoor light fitting is ideal for hotels, car parks & driveways.

The Metro Globe LED is designed, developed and manufactured in the UK.

- 76MM spigot.
- Manufactured in the UK.
- IP65.
- 5 year product guarantee.

### Suitable Applications



Footpath



Cycle Routes



Car Parks



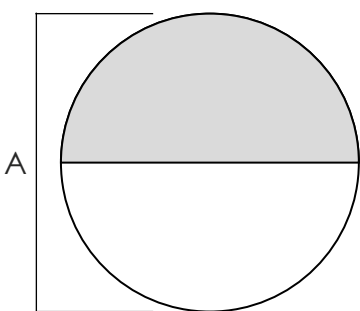
Rail



Hotels

# METRO GLOBE

LED



Size	MGP
A	Ø 450mm

**LED Types**

- LED (4700K).

**Materials**

- Vandal resistant polycarbonate.

**Installation**

- Simple installation.

**Standards**

- IP65.
- 'F' Mark.
- CE.
- BS EN 60598.
- Class I.

LED	Metro Globe Code	Colour Finish	IP Rating	CCT	Options
					Mini Cell
LED 16	MGP/BK47LED1650	Black	IP65	4700K	✓

**Code Options** (Add suffix to code Before S1 Optic)



Mini Cell  
C