



enLighten

Area/Street Luminaire

70%

ENERGY SAVINGS

Traditional HID lighting replacement



Zorro DC

Robust & reliable street/area light with improved efficacy

The Zorro DC area light offers superior performance, reliability and a high efficacy exterior car park and external walkway lighting solution.

The Zorro DC can be interfaced with a solar/battery powered system via 24V DC drivers for remote or mobile applications where 240V supply is not available.

OPTIONS AND BENEFITS

- **Range of power & lens options** to suit most applications
- **Integrated PE** option available to switch off during the daylight hours
- **IP66** - Ingress protection
- **IK10** - Impact rating
- **Available in black or silver**
- **High efficacy of 130 Lm/W** using Lumileds LEDs
- **Expected life >140,000hrs** from high quality, high powered LEDs
- **5 year warranty**

APPLICATIONS



BIKE
PATHS



CAMPUSES
UNIVERSITIES



COUNCIL
PARKS



INDUSTRIAL
ESTATE



OUTDOOR
CARPARKS

FEATURES



HORIZONTAL
MOUNT



IMPACT
RATING



INGRESS
PROTECTION



LOW
MAINTENANCE



YEAR
WARRANTY



VERTICAL
MOUNT

PRODUCT RANGE

Model #	Rated Power (W)	Input Voltage	Current Load	Lumen Output (lm)	Weight (kg)
LD35H-4000-TX-YYY*	35	12VDC	2.9A	4600	5.3
LD65H-4000-TX-YYY*	65	12VDC	5.4A	8600	6.1

* X denotes I, II, III or V light distribution or beam optic type. YYY denotes SIL or BLK for silver or black body colour respectively. Add "-PE" to the model number for integrated photoelectric cell option.

SMART CONTROLS

The Zorro's smart control solutions:

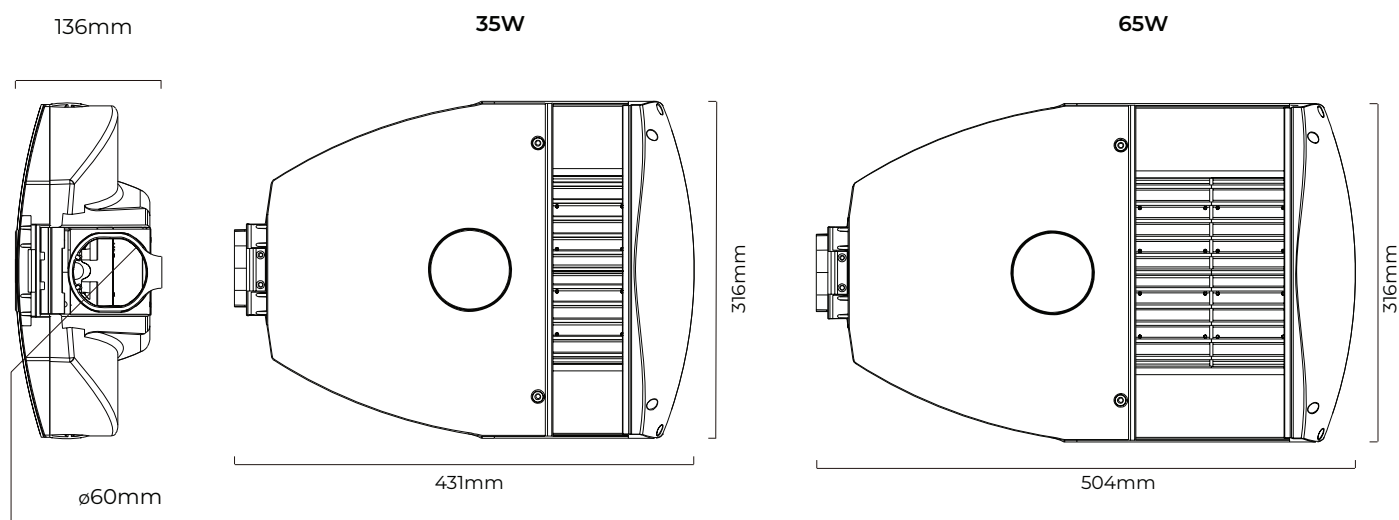
- Photoelectric (PE) sensors integrated into the Zorro light fitting enables automatic switching.

TECHNICAL INFORMATION

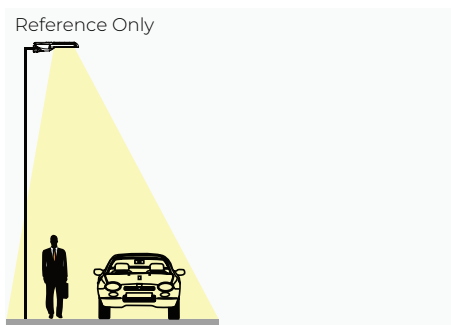
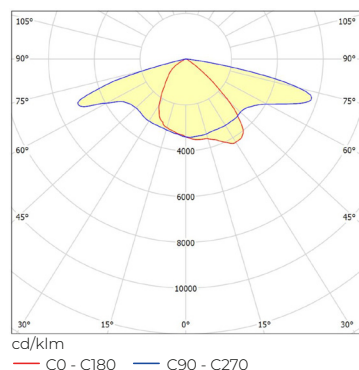
Optical	
Light source	Lumileds LEDs
Lumen output	4,600 - 8,600 lumens
CRI	Ra>70
CCT	4000K standard 3000K, 5000K & 5700K available on request
Luminaire efficacy	> 130 lm/W
Electrical	
Power consumption (W)	35, 65
Operating voltage range	12VDC
Environmental	
IP rating	IP66
Impact rating	IK10
Weight	5.3 - 6.1kg
Ambient temperature range	-40°C to +50°C
Material Composition (body)	Die-cast aluminium
Material Composition (heat sink)	Anodized aluminium
Expected Lifespan	>140,000 hours @ L70
Controls - Optional	Photoelectric (PE) cell
Accessories	Wall mounted bracket Pole mount adaptors
Warranty*	5 years

Data subject to change without notice
* Refer to warranty policy

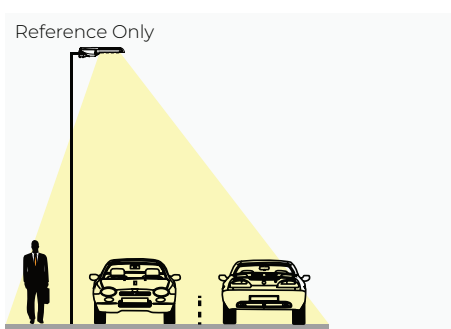
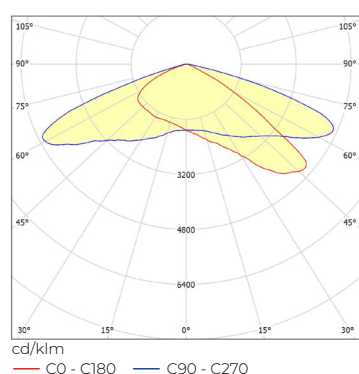
DIMENSIONS



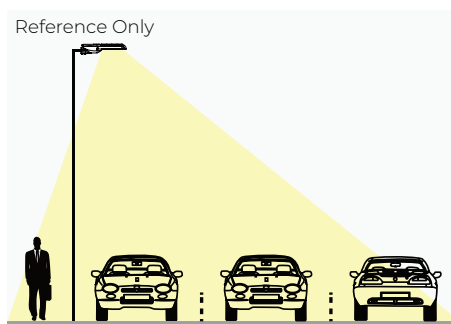
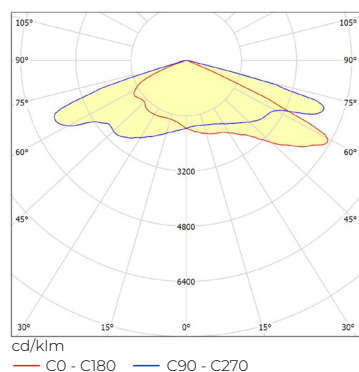
LIGHT DISTRIBUTION



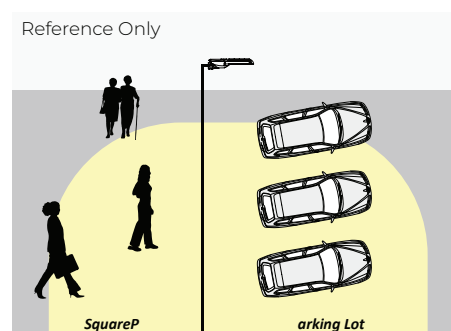
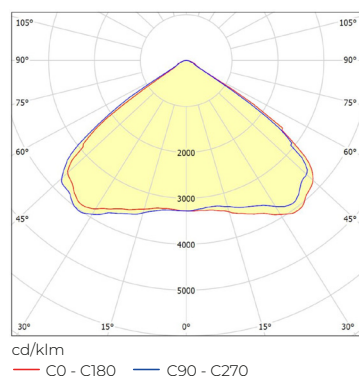
Type I, Short
Application
Single Driveway | Walkway/Cycleway | Branch Roads
CIE Classification: Narrow - Intermediate
IES Classification: Type I - Medium



Type II, Medium
Application
Two Driveway | Driveway Entrance | Urban Main Roads
CIE Classification: Narrow - Intermediate
IES Classification: Type II - Medium



Type III, Medium
Application
Three Driveway | Highway | Parking Lot/Area
CIE Classification: Narrow - Long
IES Classification: Type III - Medium



Type V, Medium
Application
Parking Lot | Square | Area
CIE Classification: Narrow - Short
IES Classification: Type II - Very Short



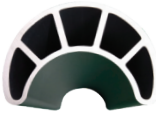

IES files available for download on request

MOUNTING

The Zorro comes with a spigot/mounting bracket, which can be adjusted for horizontal or vertical mounting at angles shown below. The bracket is suitable to be mounted on a 60mm diameter pole or arm.



POLE MOUNT ADAPTORS & ACCESSORIES

Name		Part Number	Description
Pole Reducer		ZWB-PoleRed	Reduces pole diameter from 78mm to 60mm. Powder coated Q235 steel 3mm/7.5mm thickness, RAL9022
Cross Arm		ZWB-CrosArm	Perfect for two lights on one pole. Arm: 500mm x 60mm diameter. Fits 76mm diameter round pole. Powder coated Q235 steel, RAL9022
Connecting Adaptor		ZWB-ConAdapV2	Anodized aluminium, 4mm thickness
Wall Mounted Bracket		ZWB-15 Degree	Wall mounted bracket creating a 15° upward tilt. Galvanised hot dip 3mm/6mm thickness, silver bracket