

ADARA



DESCRIPTION

The ADARA series of luminaires is the new benchmark for flexible and versatile luminaires for lighting road traffic routes, pedestrian pathways, squares and parking areas.

It offers a modern and elegant design based on smoothly curved surfaces without external fins, guaranteeing excellent integration into the urban environment at mounting heights from 4m to 12m.

It is available in various powers, for which there are numerous photometric distributions, all of them equipped with high-efficiency LEDs.

Constructed of high-pressure die-cast aluminium, with a surface coating based on electrostatically deposited and oven-cured epoxy paint, which obtained a durable and corrosion-resistant finish.

The optical cover is made of flat tempered glass, guaranteeing a level of luminous flux emitted towards the upper hemisphere of 0% (FHS=0%). It offers an asymmetric distribution optic with distribution to the left or right, suitable for pedestrian crossings, increasing the lighting on the pedestrian, both in the vertical and horizontal planes.



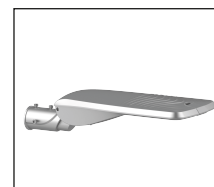
Parameter	ADARA 30	ADARA 50	ADARA 70	ADARA 90	ADARA 120	ADARA 150	ADARA 180
Power	30 W	50 W	70 W	90 W	120 W	150 W	180 W
Color temp.	3000K, 4000K (optional 5000K)						
Luminous flux	4.050 lm	6.650 lm	9.200 lm	12.000 lm	15.800 lm	20.400 lm	24.200 lm
Power factor	> 0,95						
CRI	Ra 70 (optional Ra 80)						
IP	IP66						
* Nominal powers. They can be adjusted to values by regulating the lout of the driver							



TECHNICAL CHARACTERISTICS

- Luminous efficiency up to 135 lm/W
- Input voltage: AC 100-240Vac; 50/60Hz
- Life span > L80B10 100,000h (Ta= 25°C)
- IP66 / IK08
- Surge protection: 10 kV
- Operating temperature: -30°C +50°C.
- Mounting diameters 34/42/60/76 mm
- Net weight: 8.5Kg(30W), 8.8Kg(50-70W), 9Kg(90W) y 9.2Kg(120-180W)
- Electrical class I o II
- DRIVER. Available options: DALI, 1-10V, PWM, CLO, NTC, flow regulator at the head, regulation of the hourly section up to 5 steps.
- Possibility of photocell
- Optional: 5 to 7 pin NEMA connector

ASSEMBLY TYPES



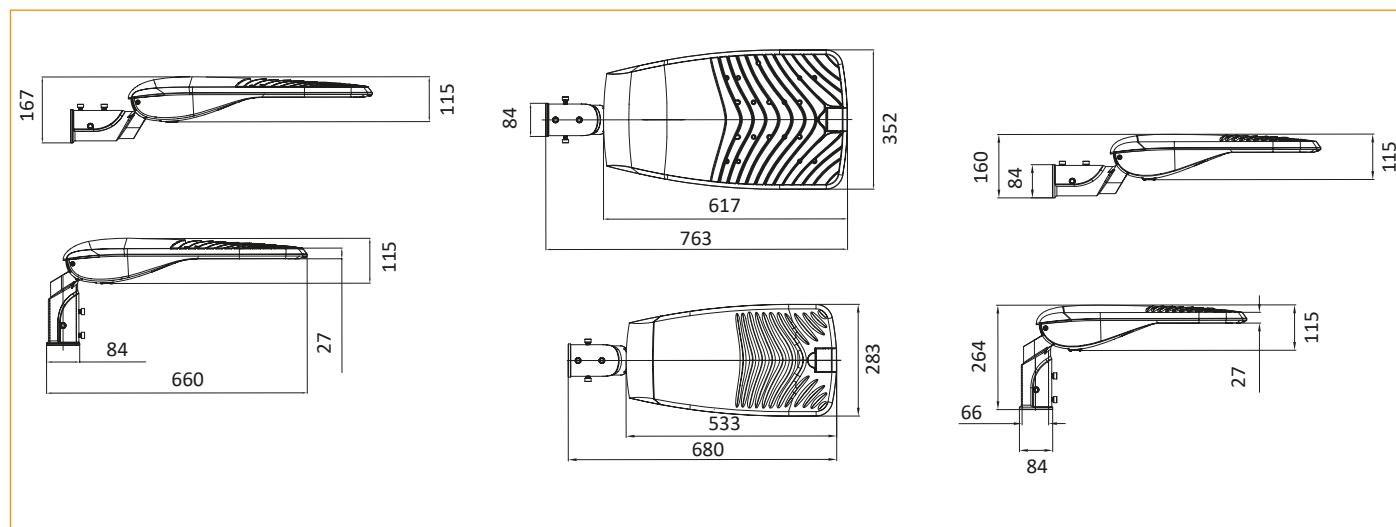
STANDARDS / CERTIFICATES

- | | | |
|---------------------|--------------------|--------------------|
| • UNE-EN 60598-1 | • UNE-EN 62493 | • UNE-EN-61000-3-3 |
| • UNE-EN 60598-2-3 | • UNE-EN 62348 | • RoHS |
| • UNE-EN 62031 | • UNE-EN-55015 | • CE |
| • UNE-EN 62471 | • UNE-EN-61547 | • ENEC |
| • UNE-EN 61347-2-13 | • UNE-EN-61000-3-2 | |

ADARA

DIMENSIONS

* Units in mm



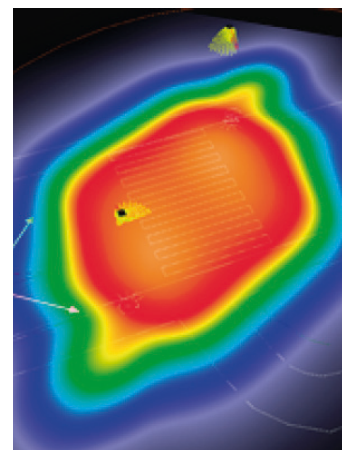
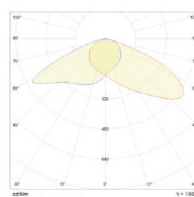
PHOTOCELL

NEMA connector

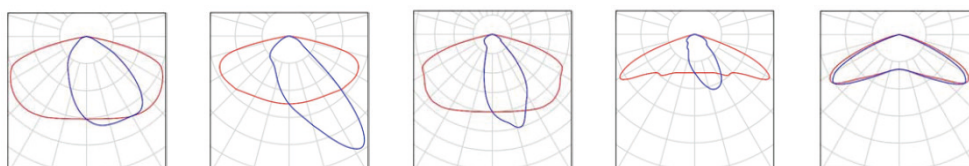


PHOTOMETRY FOR PEDESTRIAN CROSSINGS

It offers an asymmetric distribution optic with distribution to the left or right, suitable for pedestrian crossings, increasing the lighting on the pedestrian, both in the vertical and horizontal planes.



PHOTOMETRIES



* More photometries available depending on application.