

Artemis

All-climate luminaire
Energy-efficient, reliable solution



Smart ready: NEMA Socket enabled (optional)

Power Range:

40W
60W
80W
100W
150W

Operating voltage 230V. Resistance to continuous overvoltage up to 400V

Luminous efficacy up to 145 lm/W. Two times more efficient than HPS bulbs luminaries

Complies with EC, RoHS

5 years warranty, 10 years optional

Surge protection 10 kV. Remains operational after lightning discharges

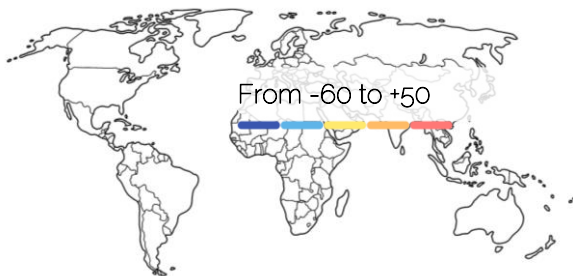
IP65/23

Replacement of HPS/HQI/HQL
(payback period from 1 year)

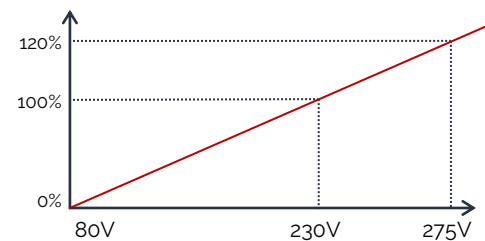
City development and renovation projects

To install light for residents where there was none

Wide operating temperature range from -60 to +50 °C with guaranteed switching on. Works in any climate.



Can operate in existing voltage-dimmable lines. Remains operational when the voltage drops to 150V. Compatible with standard voltage-dimmable control system.



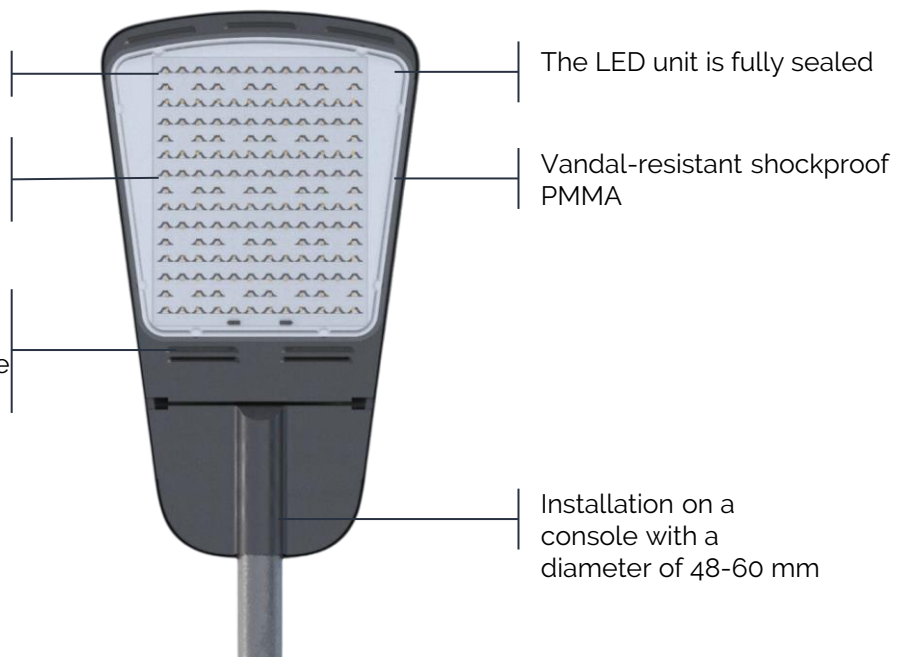
Body material: steel

Body color: grey

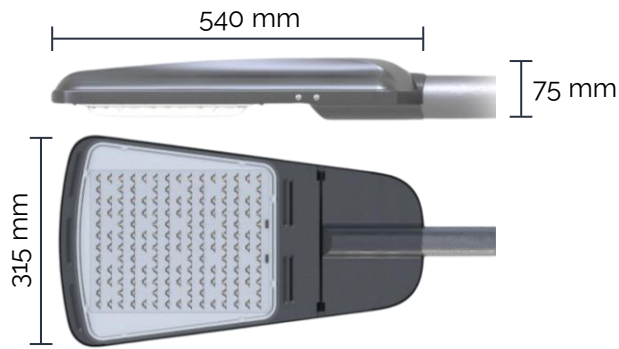
High quality LEDs: 100,000 hours of operation, 225 lm/W

Optical system: light is evenly distributed over the illuminated surface

Slits for air ventilation:
-water doesn't penetrate,
-hot air escapes, ensuring service life



M size

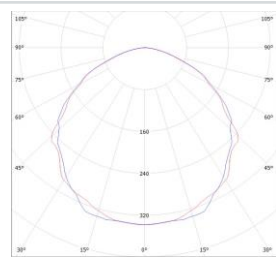


S size

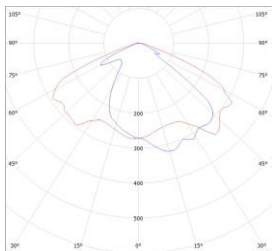


Power	Recommended installation height (pole + bracket)	Application						
		Courtyards, playgrounds	Perimeters	Low density residence roads	Industrial areas	Parking lots	City roads	Overpasses
40W	4-6m	✓	✓	✓				
60W 80W	6-8m	✓	✓	✓	✓	✓		
100W 150W	8-11m			✓	✓	✓	✓	✓

Modifications



No lenses
When using on roads, have to check compliance with uniformity standards

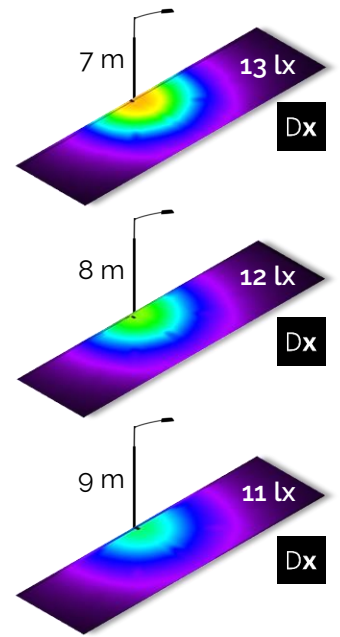
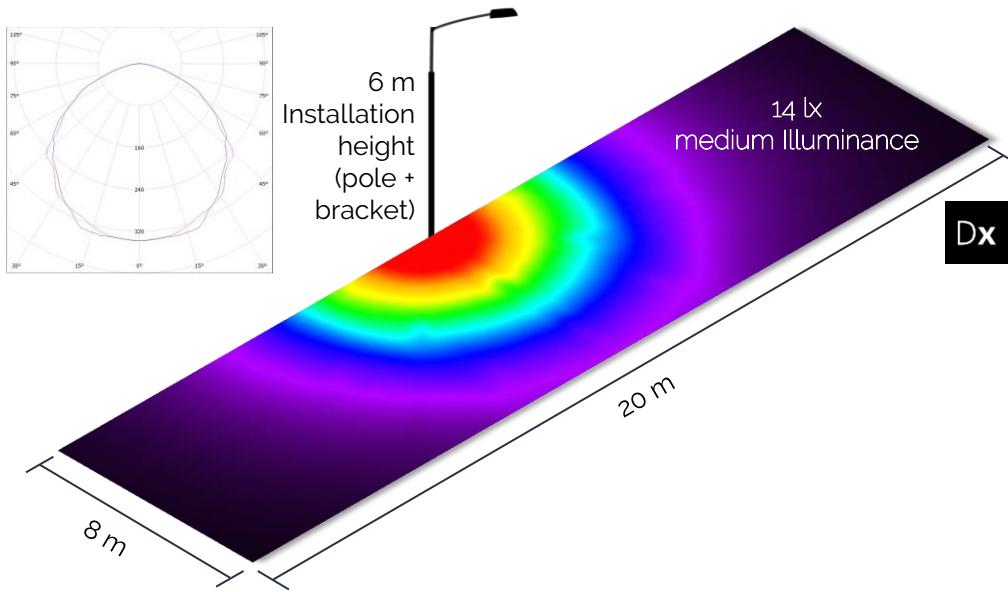


Road optics ensure uniformity on the road

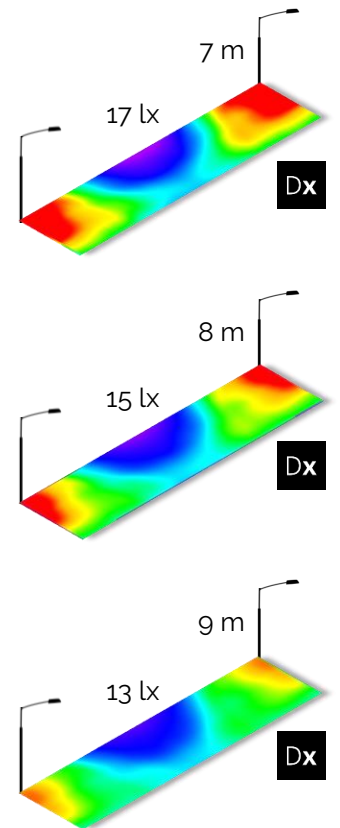
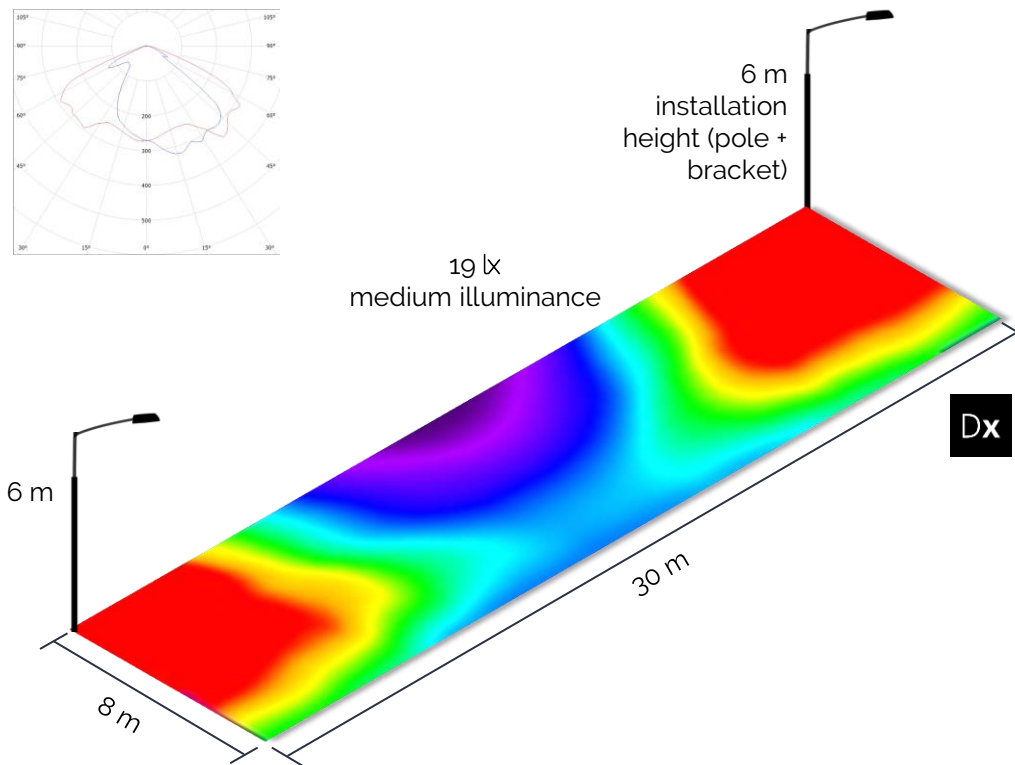
Code	Product name	Power, W	Luminous flux, lm	Dimensions, mm	Weight, kg
EC1V040	Artemis 40 with no optics	40	5800	440x250x75	4,6
EC1V060	Artemis 60 with no optics	60	8700	440x250x75	4,7
EC1V080	Artemis 80 with no optics	80	11600	440x250x75	4,8
EC1V0100	Artemis 100 with no optics	100	14500	540x315x75	7,3
EC1V0150	Artemis 150 with no optics	150	21750	540x315x75	7,5
EC1V140	Artemis 40 road optics	40	5400	440x250x75	4,7
EC1V160	Artemis 60 road optics	60	8100	440x250x75	4,8
EC1V180	Artemis 80 road optics	80	10800	440x250x75	4,9
EC1V1100	Artemis 100 road optics	100	13500	540x315x75	7,4
EC1V1150	Artemis 150 road optics	150	20250	540x315x75	7,6

Artemis 80W lighting effects example*

Artemis 80W without optics



Artemis 80W with road optics



* Just for reference

Suggested use

Artemis 80W without optics

Luminaire height (pole + bracket): 7-9 meters.

Attention. To check compliance with the standards, an accurate lighting calculation is required. The data in the table below are approximate.



Your project	Average illuminance, lx	Approximate spacing between luminaires, m - so that there is not only the required illuminance, but also comfortable uniformity
Roads at residential development in the city center)	15	20m
Roads of residential development outside the city center	10	25m
Roads in urban industrial, municipal and warehouse areas	6	30m
Main streets in rural settlements	10	25m
Ordinary streets in rural settlements	6	30m
Secondary streets and alleys in rural settlements	4	35m
Village roads, driveways	2	40m
Gas stations	20	15m
Parking lots	6	30m
Pedestrian streets	6	30m
Sidewalks	4	35m
Yards	2	40m