



Standard Lighting plan LED Lighting Parkinggarage

To comply with the current standard for parking garages, NEN-EN 12464-1:2021, the luminaires can be positioned as follows: Parking spaces: place 1 LED fixture (Noxion Poseidon Pronox 43W) per 2 parking spaces halfway through the parking space and parallel to the carriageway lane; in the middle above the carriageway 1 LED fixture (Noxion Poseidon Pronox 43W) places per 2 parking spaces This proposal is valid for private parking garages with lanes of approx. 6meters.



**Noxion Poseidon
Pronox**



**Noxion Waterproof
Ecowhite**

Light levels according to NEN-EN 12464-1:2021 Practice illuminance (Eav lux)

Kind of room	Eav (lux)	Comments
Lanes, Parking Spaces Entrances and exits (Nighttime): Entrances and Exits (Daytime):	75	at Floor height

Principles of space data

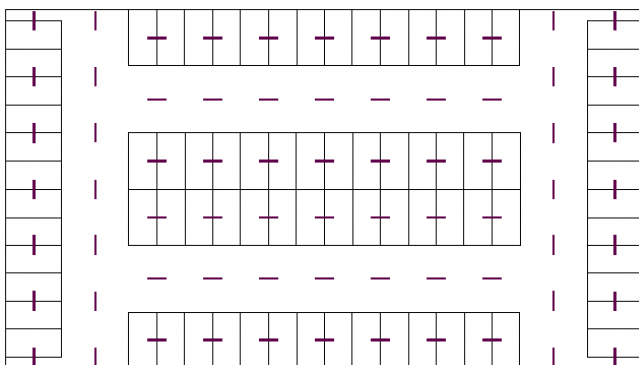
Dimensions of parking spaces:	5,00 x 2,50 m (LxB)
Lane dimensions (width):	about 6 meters
Height parking garage:	about 2,40 meters
Reflection factors ceiling/walls/ floor:	30% / 30% / 10%
Light loss Factor:	0.70*
Uniformity Emin/Eav:	> 0,40

NOTE:

Poseidon Pronox fixtures: Maintenance factor based on a service life of approximately 50,000 burning hours, assuming spot replacement is used in the event of failure.

Waterproof Ecowhite fixtures: Maintenance factor based on a service life of approximately 30,000 burning hours, assuming spot replacement is used in the event of failure.

Standard proposal Private (Public) Parking garage according to the standard NEN-EN 12464-1:2021



Noxion LED Poseidon Pronox Waterproof IP65 V2.0 43W or
Noxion LED Waterproof Ecowhite 50W



Entrances and exits

Near the entrances and exits, during the day, there is a illuminance of 300 lux asked.
Advice: Noxion LED Poseidon Pronox Waterproof IP65 V2.0 43W

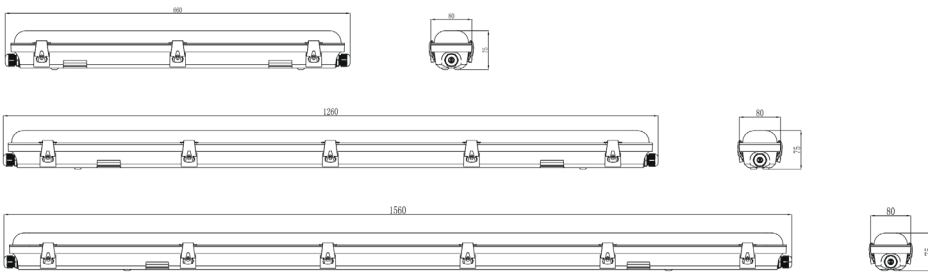


Payment terminals

With fixtures/luminaires mounted at 1 meter of the front of the payment terminals, the terminals would be well lit with these luminaires: Noxion LED Poseidon Pronox Waterproof IP65 V2.0 43W or Noxion LED Waterproof Ecowhite 50W

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Dimensional Drawing



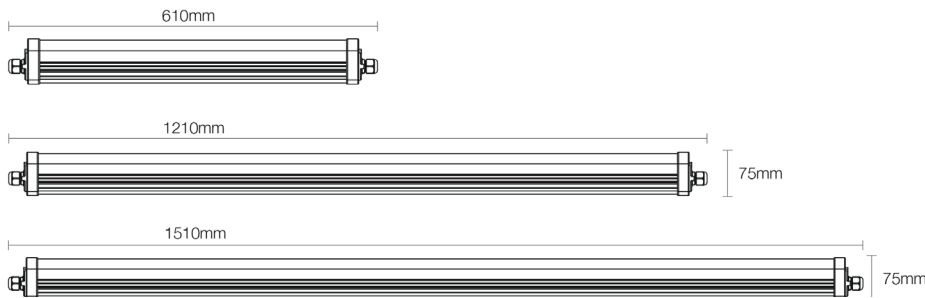
Poseidon Pronox
Dimensions in mm

Poseidon Pronox

Product features

- 1 on 1 alternative to TL-D fixture
- DALI-dimmable
- Choose from various options
- IP65 - IK10
- Easy and flexible to assemble
- Efficacy up to 143 lm/w

Dimensional Drawing



Waterproof Ecowhite
Dimensions in mm

Waterproof Ecowhite

Product features

- 1 on 1 alternative to TL-D fixture
- Available with various lumen outputs
- IP65-IK10
- Efficacy tot 125 lm/W



Customized Light plan?

The fastest lighting plan is a standard lightplan. The best lightplan is a customized lightplan. For a customized lightplan, contact our light specialists. For more info visit: www.noxion.com/en/wheretobuy