# Hexagon Optima

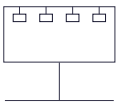
*468008*

PRILUX

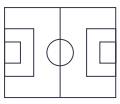
MADE IN SPAIN
Design by PRILUX



## Applications



Signage



Sports grounds

## Certifications

10/28/2026

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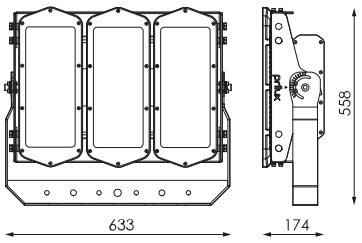
## Specifications (Series luminaires)

| | |
|---|---|
| **Voltage (V)** | 220-240V |
| **Frecuency (Hz)** | 50/60Hz |
| **Current (A)** | 1.000mA |
| **LED number** | 144 |
| **Dimming** | DALI |
| **IP Tightness index** | IP66 |
| **IK Impact resistance** | IK10 |
| **Body color** | 9007 |
| **Diffuser Material** | PC-T 3MM |
| **Body** | AL IAP |
| **Colour temperature** | 4000K |
| **CRI Colour rendering index** | >70 |
| **Optical** | AEXL0M |
| **Higher Hemispheric Flow** | - |

| | |
|---|---|
| **Measures** | 0x0x0mm |
| **Wind Resistance** | 0,261m2 |
| **Operating temperature** | -30°C ~ +40°C |
| **Surges protection** | No |
| **Flux (lm)** | 54,087lm |
| **Performance** | 82% |
| **Electrical isolation** | CI |
| **Lifetime** | L90B10>200.000H |

Prilux guarantees a ± 10% tolerance in light flux measurements.

## Dimensions




## References

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | W LED | W | | ϕ | ϕ LED | ϕ LUM | ϕ/W | | | | |
| **468008** | 3X | 432W | 450W | 1000mA | -lm | 65921lm | 54087lm | 123lm/W | 82% | 144 | AEXL0M | Yes |

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*468008*

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## Technologies







### TESS

The TESS (Temperature Evacuation Skin System) surface treatment technology is based on a mechanical microcompaction of the material surface that enhances thermal dissipation, improving the results obtained with lacquer-based surface treatments.

### Overstorm

OVERSTORM technology is designed for those luminaires that normally face electrically aggressive environments. It provides the product with three spheres of protection: In the outer sphere, an independent surge protector suppresses eventual voltage surges, in the intermediate sphere the drivers are prepared to withstand voltage peaks of up to 6 kV and 10kV. In the nuclear sphere, the protection in the LED module is provided both at its input, for small surges that have not been filtered by the external spheres.




### SystemShield

SYSTEMSHIELD technology is designed to guarantee the hours of useful life of luminaires installed in environments where exceeding the maximum operating temperature is possible and even probable. Using thermal probes, the luminaire knows its operating temperature at all times.

### Warning

Necesita driver DALI

## Solutions

S



### Cora Industry

**description**

The CORA device in its three versions; INDUSTRY UNIT, INDUSTRY and CORA INDUSTRY MASTER controls the lighting of new or even existing installations thanks to wireless technology such as BLUETOOTH 5.0



### Cora Sport

**description**

CORA SPORTS is the family of devices by Priluxto control DALI light fixtures in new or existinginstallations, indoors or outdoors, using Bluetooth5.0 wireless technology.Technology that is more efficient and easierto deploy and scale for professional lightingapplications. It can work in a meshedarrangement with the light fixtures and to createsmart communication networks. Especiallyrecommended in installations with towers and/or groups of light fixtures to make it possible tooperate them as a group or individually.

**Info**

For more information on the different solutions compatible with this luminaire, consult the following BIDI codes or on the web www.prilux.es