# Karina

*A great classic revisited*

# Karina

## Timeless lighting

**Thanks to its design recalling the glorious days of the Industrial Revolution, the Karina luminaire combines efficiency and sobriety.**
**Its technical characteristics and uncluttered lines meet the demands imposed by classic outdoor projects, industrial sites and large halls (railway stations or museums). As an example, it can be installed in a grouping with a central layout to light a square or promenade.**
**A great classic in the world of lighting, Karina benefits from the latest technological innovations. We have incorporated the latest in LED technology to make this classic, a modernly efficient throw back to a classical time in our history.**

**Update: 03/12/18**

# Karina

## Highlights

- Latest generation asymmetrical reflector for HID products
- Latest technology for LED luminaires with programmable drivers
- Uncluttered design
- Allows installation in clusters on high poles
- Flexible mounting due to the knuckle joint

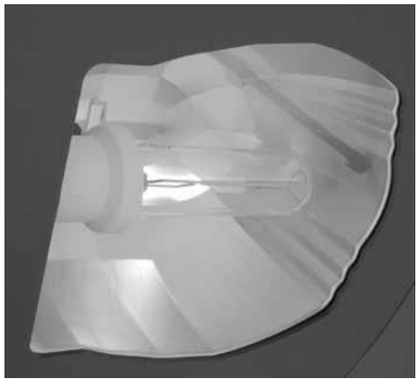
## Technical characteristics

**Materials**
Fixture: embossed aluminum
Reflector: Pressed bright dipped aluminum
Protection: tempered glass
**Protection Shape**
Standard: Flat
**Protection Finish**
Standard : Transparent
**Optical**
EVO 2
**Maximum Power**
48 LEDs @ 700mA
**Mounting**
Top hanging: 1” BSPT male (1” BSPT female on request)
**Color Standard**
Any RAL color available through Cardinal Paint

# Karina

**Timeless lighting**
Éclairage intemporel

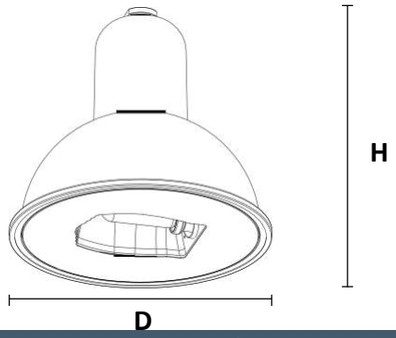
Tool-free opening



Latest generation asymmetrical reflector on HID

LED or Lamp and control gear access

## Electric class
1 and 2




| | Karina 6400 | Karina 6500 |
|---|---|---|
| **Weight (lb)** | 9.92 | 11.02 |
| *Poids (kg)* | 4,5 | 5 |
| **EPA (ft²)** | 0.646 | 0.861 |
| *CXS (m²)* | 0,06 | 0,08 |
| **Protection Index** *(Indice de protection)* | | |
| Optical Unit | IP 66 | IP 66 |
| Electrical Compartment | IP 55 | IP 55 |
| **Shock Resistance** | IK 08 | IK 08 |

| | D | H | D | H |
|---|---|---|---|---|
| **Dimensions (in)** | 16.54 | 17.32 | 21.65 | 19.29 |
| Dimensions (mm) | 420 | 440 | 550 | 490 |

## Options

IP 68 vent

IK 10 on request

Disconnects upon opening

Eligible au Certificat d'Economie d'Energie

COMPATIBLE SOURCE LED

# Karina

## Power and luminous intensity

| 3000K | 350 mA | | | 500 mA | | | 700 mA | | |
|---|---|---|---|---|---|---|---|---|---|
| Number of LEDs | $P_t$ (W) | Φ (lm) | (lm/W) | $P_t$ (W) | Φ (lm) | (lm/W) | $P_t$ (W) | Φ (lm) | (lm/W) |
| 16 | 21.4 | 1988 | 93 | 28.2 | 2867 | 102 | 36 | 3636 | 101 |
| 32 | 34.4 | 3976 | 116 | 48.8 | 5734 | 118 | 68.9 | 7271 | 106 |
| 48 | 51 | 5964 | 117 | 72.6 | 8601 | 118 | 102.3 | 10907 | 107 |

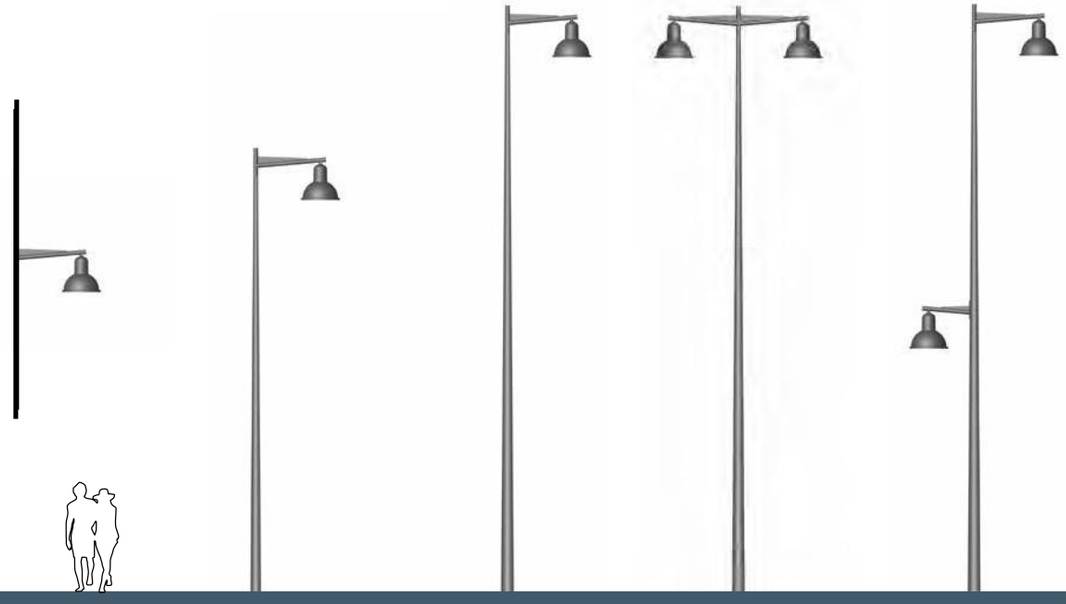
| 4000K | 350 mA | | | 500 mA | | | 700 mA | | |
|---|---|---|---|---|---|---|---|---|---|
| Number of LEDs | $P_t$ (W) | Φ (lm) | (lm/W) | $P_t$ (W) | Φ (lm) | (lm/W) | $P_t$ (W) | Φ (lm) | (lm/W) |
| 16 | 21.4 | 2147 | 100 | 28.2 | 3097 | 110 | 36 | 3932 | 109 |
| 32 | 34.4 | 4294 | 125 | 48.8 | 6193 | 127 | 68.9 | 7863 | 114 |
| 48 | 51 | 6441 | 126 | 72.6 | 9290 | 128 | 102.3 | 11795 | 115 |

$P_t$ (W) = Total power consumption including driver consumption
**Φ** Nominal flux (lm)

## Ordering Information

| Model | Size | # LED | CCT (K) | Drive Current | Distribution | Line Voltage | Color Fixture |
|---|---|---|---|---|---|---|---|
| KAR | | | | | | | |
| | 6 – (6600) | 16 | 3000 | 350 | T2 | 120 V | Black |
| | 7 – (6700) | 32 | 4000 | 500 | T3 | 220 V | Bronze |
| | | 48 | | 700 | T4 | 277 V | Silver |
| | | | | Custom | T5 | 347 V | White |
| | | | | | | 480 V | RAL # |
| | | | | | | UNV | |

*Amatura Arm*

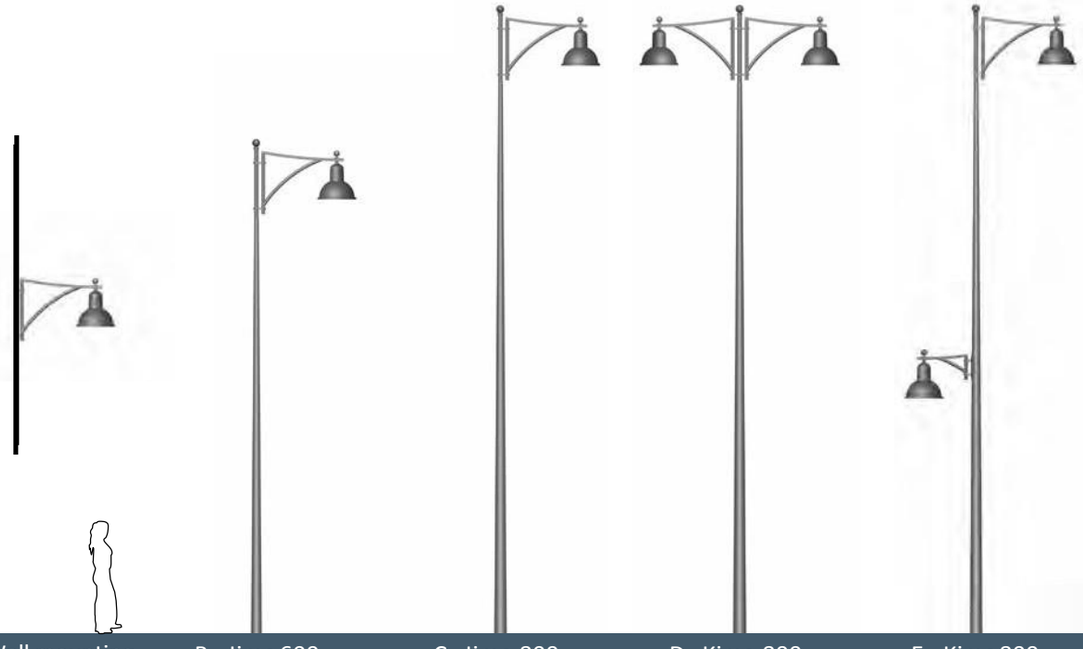


## Karina

Suggestions for ensembles

A - Wall mounting | B - Jima 600 | C - Jima 800 | D - Kima 800 | E - Kima 800

*Cethosia Arm*



A - Wall mounting | B - Jima 600 | C - Jima 800 | D - Kima 800 | E - Kima 800

**Emana Arm**

## Karina

Suggestions for ensembles

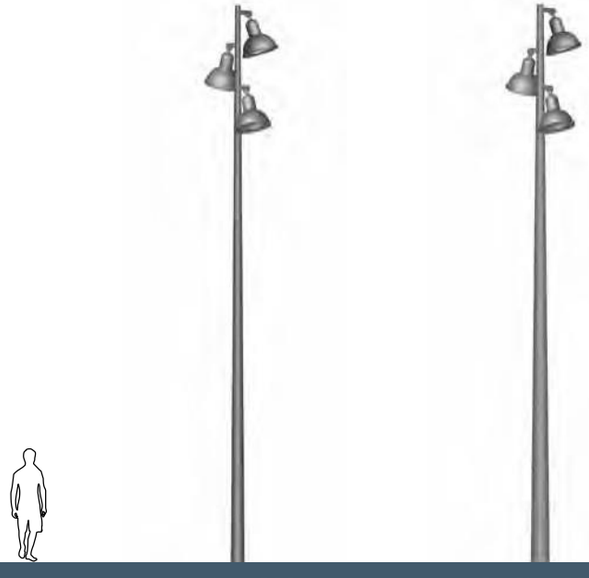
A – Wall mounting

B - Jima 800
Wanda bollard
*borne Wanda*

C - Kima 800
Wanda bollard
*borne Wanda*

D - Jima 600

SUSPENSION **with rotule**



A - Java 800

B - Sina 800