

# IBERA

The new sustainable and profitable luminaire Made in Europe



|           |         |          |        |                       |                  |           |               |                  |                |
|-----------|---------|----------|--------|-----------------------|------------------|-----------|---------------|------------------|----------------|
| WAREHOUSE | FACTORY | CAR PARK | INDOOR | OUTDOOR UNDER SHELTER | CEILING MOUNTING | SUSPENDED | WALL MOUNTING | 5 YEARS warranty | +35°C<br>-20°C |
|-----------|---------|----------|--------|-----------------------|------------------|-----------|---------------|------------------|----------------|

## Benefits

- **Compact design** to optimize logistics and storage, with **easy mounting** to reduce installation and maintenance costs.
- Recyclable materials: single-part IP66 extruded polycarbonate profile, **made in Spain**.
- Multilumen LED light engine to **adapt the light to any project needs** thanks to a switch.
- Resistant luminaire **suitable for humid and dirty environments**.

## Characteristics

|       |       |                     |                        |          |  |
|-------|-------|---------------------|------------------------|----------|--|
| IP 66 | IK 08 | Frequency 0-50/60Hz | Rated voltage 220-240V | NON-SELV |  |
|-------|-------|---------------------|------------------------|----------|--|

### Mechanical characteristics

|                      |   |
|----------------------|---|
| Profile              | Extruded polycarbonate with UV protection<br>Upper part grey RAL 7035<br>Bottom part opal |
| End caps             | Injected polycarbonate  |
| Gasket               | PWIS-free silicone  |
| Cable entry          | Cable gland   |
| Fixing clips         | Stainless steel (polyamide optional)  |
| Suspension triangles | Stainless steel   |

### Functional characteristics

|                 |   |
|-----------------|---|
| Lifetime        | L70 50,000 hours  |
| Guarantee       | 5 years   |
| Fire protection | Flammability (UL94): V2<br>Glow wire test (EN 60695-2-11): 850° |

Compliance

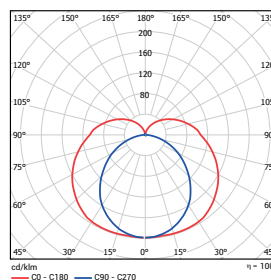


### Electrical characteristics

|                |                            |
|----------------|----------------------------|
| Connection     | 3 pole screwless connector |
| Power factor   | > 0,95 full load           |
| THD            | < 15%                      |
| Flicker factor | 15%                        |

### Photometrical characteristics

|      |     |
|------|-----|
| SDCM | < 4 |
|------|-----|



## IBERA

### Description

| FAMILY  | LENGHT                     | LUMINOUS FLUX (lm)                             | CRI      | LIGHT COLOUR (K) | DRIVER             | PROFILE             | THROUGH WIRING         |
|---------|----------------------------|--|----------|------------------|--------------------|---------------------|------------------------|
| > IBERA | > 1.2: 1200<br>> 1.5: 1500 | > 25-39: 2500 to 3900<br>> 43-61: 4300 to 6100 | > 8: >80 | > 40: 4000       | > ET: non dimmable | > PC: polycarbonate | > 3x1.5mm <sup>2</sup> |

Special options under request

Ask our Sales Team for more details

### Operational data

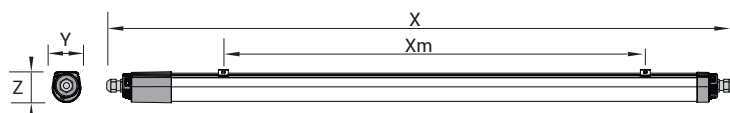
| Description                     | Order number | Luminous flux (lm) <sup>1</sup> | Power (W) | Efficiency (lm/W) | Colour temperature (K) | CRI  | Temperature range |
|---------------------------------|--------------|---------------------------------|-----------|-------------------|------------------------|------|-------------------|
| IBERA 1.2 25-39-840 ET PC       | 10263147     | 2500 - 3900                     | 19 - 30   | Up to 130         | 4000                   | > 80 | -20°C +35°C       |
| IBERA 1.2 25-39-840 ET PC 3X1.5 | 10263148     | 2500 - 3900                     | 19 - 30   | Up to 130         | 4000                   | > 80 | -20°C +35°C       |
| IBERA 1.5 43-61-840 ET PC       | 10263149     | 4300 - 6100                     | 33 - 47   | Up to 130         | 4000                   | > 80 | -20°C +35°C       |
| IBERA 1.5 43-61-840 ET PC 3X1.5 | 10263150     | 4300 - 6100                     | 33 - 47   | Up to 130         | 4000                   | > 80 | -20°C +35°C       |

<sup>1</sup> Luminaire is supplied adjusted at the highest luminous flux

### Dimensions and logistics

| Description  | X    | Xm   | Y  | Z  |                |         |      |                          |                                   |
|--------------|------|------|----|----|----------------|---------|------|--------------------------|-----------------------------------|
|              | mm   | mm   | mm | mm | L x W x H mm   | Pcs/Box | Box  | Groupage Pcs/Euro pallet | FTL / container Pcs/Double pallet |
| IBERA 1.2... | 1240 | 800  | 58 | 63 | 1300 x 59 x 64 | 1       | 0.80 | 253                      | 154 + 154                         |
| IBERA 1.5... | 1640 | 1100 | 58 | 63 | 1600 x 59 x 64 | 1       | 0.95 | 253                      | 154 + 154                         |

Please check with our Back Office to confirm logistic data



This drawing represents the through wiring version. The standard version incorporates a blind end cap on the right side.

### Circuit breaker/inrush current

| Order number | Number of drivers on a single-pole power circuit breakers (CB) |     |     |     |
|--------------|--|-----|-----|-----|
|              | CB-Type  | 10A | 16A | 20A |
| 10263147     | B  | 15  | 23  | 29  |
| 10263148     | C  | 24  | 39  | 48  |
| 10263149     | B  | 14  | 22  | 28  |
| 10263150     | C  | 23  | 37  | 46  |

- Data for U<sub>supply</sub> = 230 VAC, mains impedance = 1 Ω
- In case of multi-polar CB the maximum number is reduced by 20 %.
- The maximum number may differ depending on CB manufacturer. Please, consider the specifications of the manufacturer.
- CB with C-characteristics are recommended to be used in lighting groups.