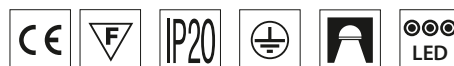




## Kardo LED



Multidirectional, accentuating lighting system with adjustable and independent spotlights designed for plaster-cardboard ceilings. Control gear and electronic transformers included.

**Materials:** powder painted aluminum frame (standard color: grey), aluminum ring, housing made of black steel sheets

**Installation:** for cardboard ceiling

**Accessories:** surface mounting housing

**Power:** 230 V

### ELECTRICAL DATA

|                       |       |
|-----------------------|-------|
| Light source          | LED   |
| Light source power    | 12W   |
| Type of equipment     | AC    |
| Voltage rating        | 230 V |
| Light source included | Yes   |

### MECHANICAL DATA

|                         |                     |
|-------------------------|---------------------|
| Type of installation    | For 600x600 ceiling |
| Housing material        | Aluminum            |
| Designed for light-line | No                  |

### INFORMATIONS

|       |            |
|-------|------------|
| Color | Multicolor |
|-------|------------|

### MATERIALS

| Product code | Light source power [W] | Luminaire luminous flux [lm] | Luminaire luminous efficacy [lm/W] | Color temperature [K] | Weight [kg] |
|--------------|------------------------|------------------------------|------------------------------------|-----------------------|-------------|
| PX1513150    | 1×12                   | 500                          | 41.6                               | 2700                  | 1.70        |
| PX1513157    | 2×12                   | 1000                         | 41.6                               | 2700                  | 2.45        |
| PX1513164    | 3×12                   | 1500                         | 41.6                               | 2700                  | 3.50        |
| PX1513101    | 1×12                   | 550                          | 45.8                               | 3000                  | 1.70        |
| PX1513108    | 2×12                   | 1100                         | 45.8                               | 3000                  | 2.45        |
| PX1513115    | 3×12                   | 1650                         | 45.8                               | 3000                  | 3.50        |

### CERTIFICATES

|  |      |
|--|------|
| Degree of protection (IP)                    | IP20 |
| Class of protection                          | I    |
| Energy class                                 | B    |
| CE   | Yes  |
| For ceiling installation, fire class "F" (L) | Yes  |

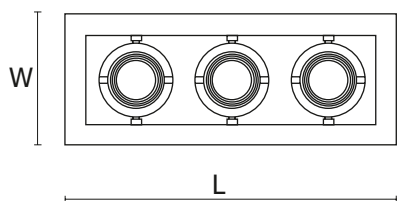
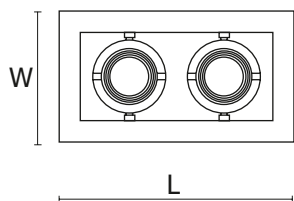
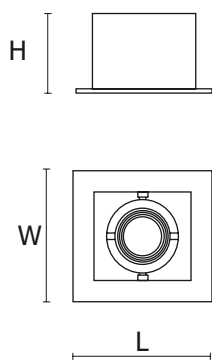
### LIGHT DATA

|                    |    |
|--------------------|----|
| Light distribution | DI |
|--------------------|----|

### OPTICAL DATA

|           |      |
|-----------|------|
| Reflector | None |
|-----------|------|

## DIMENSIONS



| Product code | L [mm] | W [mm] | H [mm] | C [mm] | D [mm] |
|--------------|--------|--------|--------|--------|--------|
| PX1513150    | 195    | 195    | 200    | 175    | 170    |
| PX1513157    | 348    | 195    | 200    | 312    | 170    |
| PX1513164    | 500    | 195    | 200    | 484    | 170    |
| PX1513101    | 195    | 195    | 200    | 175    | 170    |
| PX1513108    | 348    | 195    | 200    | 312    | 170    |
| PX1513115    | 500    | 195    | 200    | 484    | 170    |

L = Length | W = Width | H = Height / Depth | C = Installation length | D = Installation width

## ACCESSORIES

### Structural elements



Kardo Surface mounting housing

### Installation elements

Kardo Mounting reinforcement