

## Pisa LED



PISA LED is a luminaire characterized by good luminous parameters, quick installation and a uniform luminance on the surface of the diffuser.

It is designed for installation in public facilities with plaster-cardboard ceilings.

**Materials:** powder painted steel sheet body (standard colour: white). OPAL, microprismatic (MPRM) diffusers

**Installation:** into plaster-cardboard ceiling

**Power:** 230 V

### ELECTRICAL DATA

|                         |               |
|-------------------------|---------------|
| Light source            | LED           |
| LED modules             | 1x            |
| Number of light sources | 1             |
| Type of equipment       | AC            |
| Voltage rating          | 220 ... 240 V |
| Light source included   | Yes           |

### MECHANICAL DATA

|                      |                          |
|----------------------|--------------------------|
| Type of installation | For plasterboard ceiling |
| Housing material     | Steel sheet              |

### INFORMATION

|        |       |
|--------|-------|
| Colour | White |
|--------|-------|

### CERTIFICATES

|                                  |      |
|----------------------------------|------|
| Degree of protection (IP)        | IP40 |
| Degree of protection (IP) / top/ | IP20 |
| Class of protection              | I    |
| CE                               | Yes  |
| HACCP+                           | Yes  |
| EAC                              | Yes  |

### LIGHT DATA

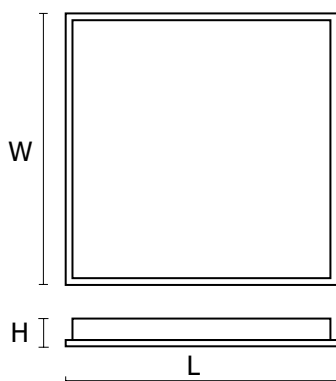
|   |           |
|---|-----------|
| Light colour                                  | White     |
| Color rendering index                         | 84        |
| Light distribution                            | DI        |
| Class of luminaire                            | I         |
| Light output degradation                      | B10       |
| Lumen maintenance                             | L80       |
| Lifetime                                      | > 72000 h |
| MacAdam                                       | SDCM 3    |
| Lamp Lumen Maintenance Factor (after 60 000h) | 86 %      |

### AVAILABE VARIANTS

| Product code                     | Luminaire power [W] | Louver/shutter | Luminaire luminous flux [lm] | Luminaire's luminous efficacy [lm/W] | Colour temperature | Weight [kg] |
|----------------------------------|---------------------|----------------|------------------------------|--------------------------------------|--------------------|-------------|
| PX3732029<br>BZ003.1122.830.A000 | 24                  | MPRM           | 2810                         | 117                                  | 3000K              | 4.50        |
| PX3732036<br>BZ003.1122.840.A000 | 24                  | MPRM           | 2870                         | 119                                  | 4000K              | 4.50        |
| PX3732001<br>BZ003.1111.830.A000 | 24                  | OPAL           | 2440                         | 101                                  | 3000K              | 4.50        |
| PX3732008<br>BZ003.1111.840.A000 | 24                  | OPAL           | 2490                         | 103                                  | 4000K              | 4.50        |
| PX3732071<br>BZ004.1122.830.A000 | 38                  | MPRM           | 4660                         | 122                                  | 3000K              | 4.50        |

## AVAILABLE VARIANTS

| Product code                     | Luminaire power [W] | Louver/shutter | Luminaire luminous flux [lm] | Luminaire's luminous efficacy [lm/W] | Colour temperature | Weight [kg] |
|----------------------------------|---------------------|----------------|------------------------------|--------------------------------------|--------------------|-------------|
| PX3732078<br>BZ004.1122.840.A000 | 38                  | MPRM           | 4750                         | 125                                  | 4000K              | 4.50        |
| PX3732043<br>BZ004.1111.830.A000 | 38                  | OPAL           | 4050                         | 106                                  | 3000K              | 4.50        |
| PX3732050<br>BZ004.1111.840.A000 | 38                  | OPAL           | 4130                         | 108                                  | 4000K              | 4.50        |
| PX3732113<br>BZ005.1122.830.A000 | 27                  | MPRM           | 3060                         | 113                                  | 3000K              | 5.30        |
| PX3732120<br>BZ005.1122.840.A000 | 27                  | MPRM           | 3120                         | 115                                  | 4000K              | 5.30        |
| PX3732085<br>BZ005.1111.830.A000 | 27                  | OPAL           | 2600                         | 96                                   | 3000K              | 5.30        |
| PX3732092<br>BZ005.1111.840.A000 | 27                  | OPAL           | 2650                         | 98                                   | 4000K              | 5.30        |
| PX3732155<br>BZ006.1122.830.A000 | 43                  | MPRM           | 5040                         | 117                                  | 3000K              | 5.30        |
| PX3732162<br>BZ006.1122.840.A000 | 43                  | MPRM           | 5140                         | 119                                  | 4000K              | 5.30        |
| PX3732127<br>BZ006.1111.830.A000 | 43                  | OPAL           | 4300                         | 100                                  | 3000K              | 5.30        |
| PX3732134<br>BZ006.1111.840.A000 | 43                  | OPAL           | 4390                         | 102                                  | 4000K              | 5.30        |
| PX3732197<br>BZ007.1122.830.A000 | 46                  | MPRM           | 5940                         | 129                                  | 3000K              | 9.20        |
| PX3732204<br>BZ007.1122.840.A000 | 46                  | MPRM           | 6070                         | 131                                  | 4000K              | 9.20        |
| PX3732169<br>BZ007.1111.830.A000 | 46                  | OPAL           | 5140                         | 111                                  | 3000K              | 9.20        |
| PX3732176<br>BZ007.1111.840.A000 | 46                  | OPAL           | 5250                         | 114                                  | 4000K              | 9.20        |
| PX3732239<br>BZ008.1122.830.A000 | 76                  | MPRM           | 9790                         | 128                                  | 3000K              | 9.20        |
| PX3732246<br>BZ008.1122.840.A000 | 76                  | MPRM           | 9980                         | 131                                  | 4000K              | 9.20        |
| PX3732211<br>BZ008.1111.830.A000 | 76                  | OPAL           | 8510                         | 111                                  | 3000K              | 9.20        |
| PX3732218<br>BZ008.1111.840.A000 | 76                  | OPAL           | 8680                         | 114                                  | 4000K              | 9.20        |
| PX3732267<br>BZ001.1122.830.A000 | 16                  | MPRM           | 1310                         | 81                                   | 3000K              | 2.70        |
| PX3732271<br>BZ001.1122.840.A000 | 16                  | MPRM           | 1330                         | 83                                   | 4000K              | 2.70        |
| PX3732251<br>BZ001.1111.830.A000 | 16                  | OPAL           | 1170                         | 73                                   | 3000K              | 2.70        |
| PX3732255<br>BZ001.1111.840.A000 | 16                  | OPAL           | 1190                         | 74                                   | 4000K              | 2.70        |
| PX3732291<br>BZ002.1122.830.A000 | 24                  | MPRM           | 2170                         | 90                                   | 3000K              | 2.70        |
| PX3732295<br>BZ002.1122.840.A000 | 24                  | MPRM           | 2210                         | 92                                   | 4000K              | 2.70        |
| PX3732275<br>BZ002.1111.830.A000 | 24                  | OPAL           | 1950                         | 81                                   | 3000K              | 2.70        |
| PX3732279<br>BZ002.1111.840.A000 | 24                  | OPAL           | 1980                         | 82                                   | 4000K              | 2.70        |



## DIMENSIONS

| L [mm] | W [mm] | H [mm] | E [mm] | MPRM                | OPAL                |
|--------|--------|--------|--------|---------------------|---------------------|
| 595    | 595    | 80     | 130    | PX3732029           | PX3732001           |
|        |        |        |        | BZ003.1122.830.A000 | BZ003.1111.830.A000 |
|        |        |        |        | PX3732036           | PX3732008           |
|        |        |        |        | BZ003.1122.840.A000 | BZ003.1111.840.A000 |
|        |        |        |        | PX3732071           | PX3732043           |
|        |        |        |        | BZ004.1122.830.A000 | BZ004.1111.830.A000 |
| 295    | 1195   | 80     | 130    | PX3732078           | PX3732050           |
|        |        |        |        | BZ004.1122.840.A000 | BZ004.1111.840.A000 |
|        |        |        |        | PX3732113           | PX3732085           |
|        |        |        |        | BZ005.1122.830.A000 | BZ005.1111.830.A000 |
|        |        |        |        | PX3732120           | PX3732092           |
|        |        |        |        | BZ005.1122.840.A000 | BZ005.1111.840.A000 |
| 595    | 1195   | 80     | 130    | PX3732155           | PX3732127           |
|        |        |        |        | BZ006.1122.830.A000 | BZ006.1111.830.A000 |
|        |        |        |        | PX3732162           | PX3732134           |
|        |        |        |        | BZ006.1122.840.A000 | BZ006.1111.840.A000 |
|        |        |        |        | PX3732197           | PX3732169           |
|        |        |        |        | BZ007.1122.830.A000 | BZ007.1111.830.A000 |
| 295    | 595    | 80     | 130    | PX3732204           | PX3732176           |
|        |        |        |        | BZ007.1122.840.A000 | BZ007.1111.840.A000 |
|        |        |        |        | PX3732239           | PX3732211           |
|        |        |        |        | BZ008.1122.830.A000 | BZ008.1111.830.A000 |
|        |        |        |        | PX3732246           | PX3732218           |
|        |        |        |        | BZ008.1122.840.A000 | BZ008.1111.840.A000 |
| 295    | 595    | 80     | 130    | PX3732267           | PX3732251           |
|        |        |        |        | BZ001.1122.830.A000 | BZ001.1111.830.A000 |
|        |        |        |        | PX3732271           | PX3732255           |
|        |        |        |        | BZ001.1122.840.A000 | BZ001.1111.840.A000 |
|        |        |        |        | PX3732291           | PX3732275           |
|        |        |        |        | BZ002.1122.830.A000 | BZ002.1111.830.A000 |
| 295    | 595    | 80     | 130    | PX3732295           | PX3732279           |
|        |        |        |        | BZ002.1122.840.A000 | BZ002.1111.840.A000 |

L = Length | W = Width | H = Height / Depth | E = Installation depth