

# ILTI LUCE

## THE ZIRKOL COLLECTION indoor

CIRCLE ACOUSTIC | 1m

DOWNLIGHT



## ZIRKOL ACOUSTIC

ZIRKOL incarna il perfetto equilibrio tra design e illuminazione, combinazione che la rende irrinunciabile nel mondo dell'architettura. ZIRKOL ACOUSTIC, una lampada a sospensione che unisce illuminazione e acustica. Progettato per offrire un ambiente confortevole, si presenta con un pannello circolare fonoassorbente, rivestito da un tessuto in poliestere riciclato.

The ZIRKOL family represents the optimal balance between design and lighting, making it essential in the world of architecture. ZIRKOL ACOUSTIC, a pendant lamp that combines lighting and acoustics. Designed to provide a comfortable atmosphere, it features a sound-absorbing circular panel covered with a recycled polyester fabric.

| INFORMAZIONI GENERALI<br>GENERAL INFORMATION             |                                                       |
|----------------------------------------------------------|-------------------------------------------------------|
| Numero di sorgenti<br>Number of light source             | downlight emission                                    |
| Tipo di ottica<br>Optic type (beam angle)                | diffuse                                               |
| Temperatura colore iniziale<br>Initial Color Temperature | 2700K/3000K/4000K                                     |
| Indice di resa cromatica<br>Color Rendering Index        | CRI>90                                                |
| Tipo di ottica<br>Optic type                             | Opal                                                  |
| Trasformatore incluso<br>Driver included                 | Yes                                                   |
| Colore sorgente luminosa<br>Light source color           | White                                                 |
| Classe di protezione IEC<br>IEC Protection class         | III                                                   |
| Colore/finitura apparecchio<br>Luminaire color/finish    | matt white RAL9016<br>matt black RAL9005<br>matt gold |
| Montaggio<br>Mounting                                    | Suspension 3 points at 120°<br>Shipped assembled      |
| Connessione<br>Connections                               | 3 adjustable metal<br>cables length 3m                |
| Cavo<br>Cable                                            | 1 electrical cable 4m                                 |
| Orientabile<br>Adjustable                                | No                                                    |
| Dimensioni<br>Dimensions                                 | Ø1000x50mm                                            |
| Peso netto (pezzo)<br>Net weight (piece)                 | 4 Kg                                                  |

| FUNZIONAMENTO E PARTE ELETTRICA<br>OPERATING AND ELECTRICAL |              |
|-------------------------------------------------------------|--------------|
| Tensione/corrente di ingresso<br>Input voltage/current      | 24VDC (SELV) |
| Frequenza di ingresso<br>Input frequency                    | /            |

| CONTROLLI E REGOLAZIONE DEL FLUSSO<br>CONTROL AND DIMMING |                  |
|-----------------------------------------------------------|------------------|
| Dimmerabile<br>Dimmable                                   | DALI/Push/0-10V  |
| Controlli compatibili<br>Compatible controls              | DMX/RDM, CASAMBI |

| RENDIMENTO INIZIALE<br>INITIAL PERFORMANCE                            | 2700K   | 3000K   | 4000K   |
|-----------------------------------------------------------------------|---------|---------|---------|
| Flusso luminoso iniziale<br>Initial luminous flux (system flux)       | 2616 lm | 2769 lm | 3077 lm |
| Tolleranza Flusso luminoso<br>Luminous flux tolerance                 | +/- 10% |         |         |
| Efficienza iniziale apparecchio LED<br>Initial LED luminaire efficacy | 58lm/W  | 61lm/W  | 68lm/W  |
| Cromaticità iniziale<br>Initial chromaticity                          | -       | SDCM<3  |         |
| Potenza di ingresso iniziale<br>Initial input power                   | -       | max 45W |         |
| Tolleranza consumo energetico<br>Power consumption tolerance          | -       | +/- 10% |         |

| CONDIZIONI DI APPLICAZIONE<br>APPLICATION CONDITION                |              |
|--------------------------------------------------------------------|--------------|
| Intervallo temperatura ambiente<br>Ambient temperature range       | -15°C / 35°C |
| Performance ambient temperature<br>Performance ambient temperature | 20°C         |

| APPROVAZIONE E APPLICAZIONE<br>APPROVAL AND APPLICATION                  |      |
|--------------------------------------------------------------------------|------|
| Grado di protezione<br>Ingress protection code                           | IP40 |
| Codice protezione impatti meccanici<br>Mechanical impact protection code | /    |

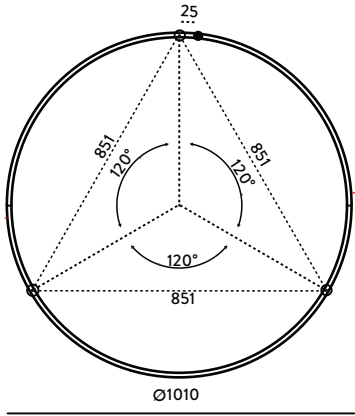
| RENDIMENTO NEL TEMPO<br>OVER TIME PERFORMANCE             |
|-----------------------------------------------------------|
| Lumen maintenance at median useful life* 50000 h - L80B50 |

| PACKAGING                     |
|-------------------------------|
| 1x Packaging 1100x1100x110 mm |



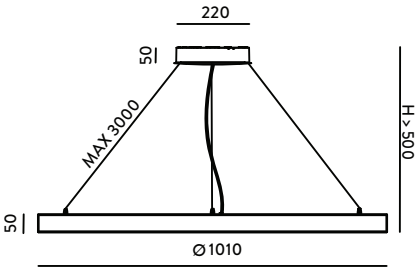
**DISEGNO TECNICO**  
**DIMENSIONAL DRAWING**

Dimensioni (mm)  
 Dimension (mm)



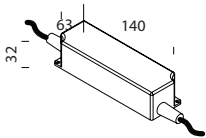
**Downlight**

- Electrical cable
- Iron cables



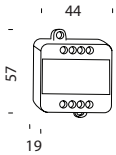
**DRIVER & INTERFACES**  
**(included)**

IN-100/305VAC OUT-75W24V  
 ● ZALIMLED075/24



**DALI INTERFACE**

IN-12/24VDC OUT-10A  
 DALI/0-10V/1-10V/PUSH - 1/100%  
 ● WDIMDALIHP



**ACCESSORI**  
**ACCESSORIES (included)**

**CEILING ATTACHMENT**

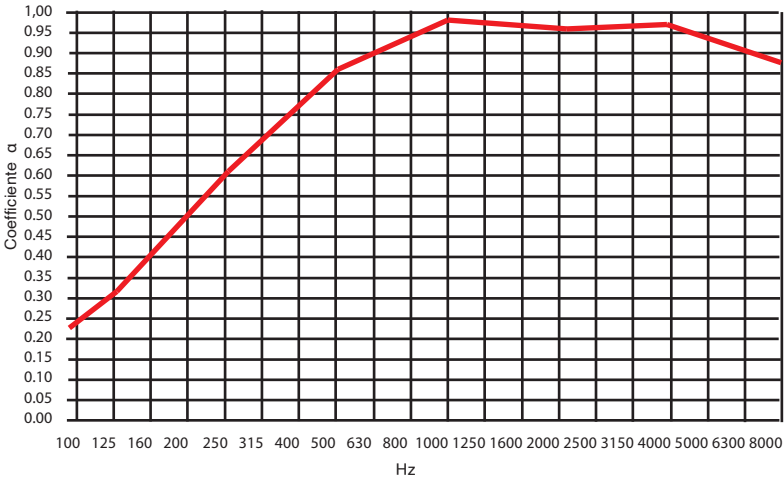
- BROSMINIST color chrome



**COLORE TESSUTO FONOASSORBENTE**  
**COLOR SOUNDPROOF FABRIC**



**FONOASSORBIMENTO**  
 Pannello fonoassorbente in tessuto Dech® Frame



Curva di fonoassorbimento con valori ( $\alpha$ ) per ogni frequenza

**CODICI**  
**CODES**

| PRODUCTS CODE  | DESCRIPTION                                    | FINISH | CT    | DIMMING |
|----------------|------------------------------------------------|--------|-------|---------|
| BZAC1610G15DBG | ZIRKOL C ACOUSTIC D/1M/927/WH-GR/45W/IN24V+PSD | White  | 2700K | DALI    |
| BZAC1610G15DNG | ZIRKOL C ACOUSTIC D/1M/927/BK-GR/45W/IN24V+PSD | Black  | 2700K | DALI    |
| BZAC1610G15WBG | ZIRKOL C ACOUSTIC D/1M/930/WH-GR/45W/IN24V+PSD | White  | 3000K | DALI    |
| BZAC1610G15WNG | ZIRKOL C ACOUSTIC D/1M/930/BK-GR/45W/IN24V+PSD | Black  | 3000K | DALI    |
| BZAC1610G15NBG | ZIRKOL C ACOUSTIC D/1M/940/WH-GR/45W/IN24V+PSD | White  | 4000K | DALI    |
| BZAC1610G15NNG | ZIRKOL C ACOUSTIC D/1M/940/BK-GR/45W/IN24V+PSD | Black  | 4000K | DALI    |

ILTI LUCE

# ILTI LUCE

## THE ZIRKOL COLLECTION indoor

CIRCLE HOME | 1m

UP-DOWNLIGHT



## ZIRKOL ACOUSTIC

ZIRKOL incarna il perfetto equilibrio tra design e illuminazione, combinazione che la rende irrinunciabile nel mondo dell'architettura. ZIRKOL ACOUSTIC, una lampada a sospensione che unisce illuminazione e acustica. Progettato per offrire un ambiente confortevole, si presenta con un pannello circolare fonoassorbente, rivestito da un tessuto in poliestere riciclato.

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### INFORMAZIONI GENERALI GENERAL INFORMATION

|                                                          |                                                       |
|----------------------------------------------------------|-------------------------------------------------------|
| Numero di sorgenti<br>Number of light source             | up-downlight emission                                 |
| Tipo di ottica<br>Optic type (beam angle)                | diffuse                                               |
| Temperatura colore iniziale<br>Initial Color Temperature | 2700K/3000K/4000K                                     |
| Indice di resa cromatica<br>Color Rendering Index        | CRI>90                                                |
| Tipo di ottica<br>Optic type                             | Opal                                                  |
| Trasformatore incluso<br>Driver included                 | Yes                                                   |
| Colore sorgente luminosa<br>Light source color           | White                                                 |
| Classe di protezione IEC<br>IEC Protection class         | III                                                   |
| Colore/finitura apparecchio<br>Luminaire color/finish    | matt white RAL9016<br>matt black RAL9005<br>matt gold |
| Montaggio<br>Mounting                                    | Suspension 3 points at 120°<br>Shipped assembled      |
| Connessione<br>Connections                               | 3 adjustable metal<br>cables length 3m                |
| Cavo<br>Cable                                            | 1 electrical cable 4m                                 |
| Orientabile<br>Adjustable                                | No                                                    |
| Dimensioni<br>Dimensions                                 | Ø1000x50mm                                            |
| Peso netto (pezzo)<br>Net weight (piece)                 | 4 Kg                                                  |

### FUNZIONAMENTO E PARTE ELETTRICA OPERATING AND ELECTRICAL

|                                                        |              |
|--------------------------------------------------------|--------------|
| Tensione/corrente di ingresso<br>Input voltage/current | 24VDC (SELV) |
| Frequenza di ingresso<br>Input frequency               | /            |

### CONTROLLI E REGOLAZIONE DEL FLUSSO CONTROL AND DIMMING

|                                              |                   |
|----------------------------------------------|-------------------|
| Dimmerabile<br>Dimmable                      | DALI/Push/0 -10 V |
| Controlli compatibili<br>Compatible controls | DMX/RDM, CASAMBI  |

| RENDIMENTO INIZIALE<br>INITIAL PERFORMANCE                            | 2700K   | 3000K   | 4000K   |
|-----------------------------------------------------------------------|---------|---------|---------|
| Flusso luminoso iniziale<br>Initial luminous flux (system flux)       | 5231 lm | 5539 lm | 6154 lm |
| Tolleranza Flusso luminoso<br>Luminous flux tolerance                 | +/- 10% |         |         |
| Efficienza iniziale apparecchio LED<br>Initial LED luminaire efficacy | 58lm/W  | 61lm/W  | 68lm/W  |
| Cromaticità iniziale<br>Initial chromaticity                          | -       | SDCM<3  |         |
| Potenza di ingresso iniziale<br>Initial input power                   | -       | max 90W |         |
| Tolleranza consumo energetico<br>Power consumption tolerance          | -       | +/- 10% |         |

### CONDIZIONI DI APPLICAZIONE APPLICATION CONDITION

|                                                                    |              |
|--------------------------------------------------------------------|--------------|
| Intervallo temperatura ambiente<br>Ambient temperature range       | -15°C / 35°C |
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### APPROVAZIONE E APPLICAZIONE APPROVAL AND APPLICATION

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### RENDIMENTO NEL TEMPO OVER TIME PERFORMANCE

Lumen maintenance at median useful life\* 50000 h - L80B50

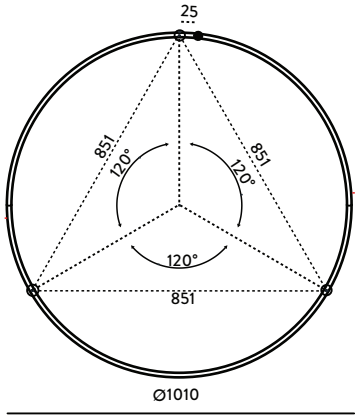
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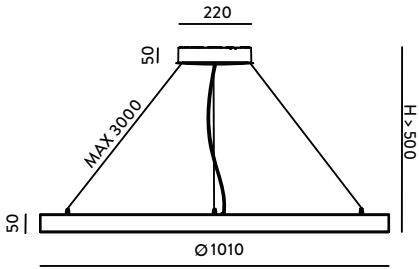
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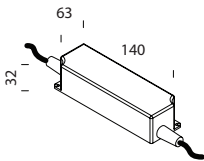
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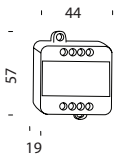
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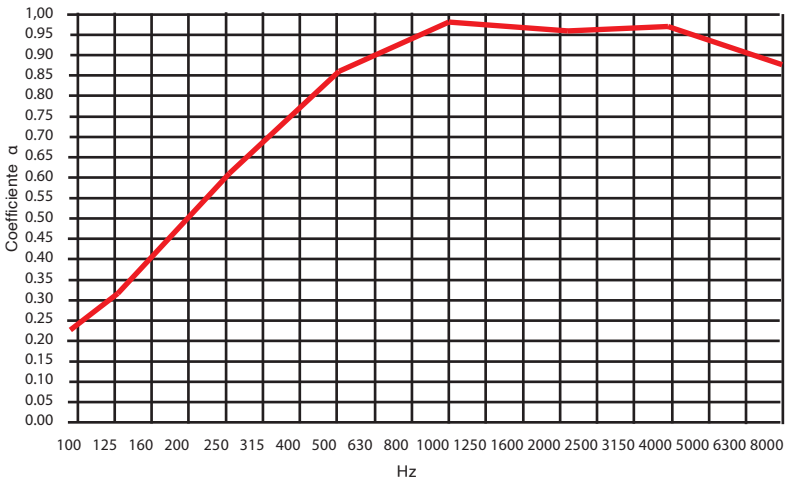
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