

# SONIC

free standing

**EN** Free standing luminaire with conical luminaire head in die-cast aluminium; powder coated; round aluminium downpipe arranged centralised or decentralised; round pedestal with recess for table base; direct/indirect light distribution; indirect component – special PCBs for increased luminous flux (max. ceiling illumination); optional: indirect component with special, inclined PCBs for asymmetric radiation characteristic; completely homogeneous illumination; energy-eff. LEDs – very good colour rendering; incl. connection cable (3m) with safety plug; acoustic elements made of high-quality, self-supporting, recycled PET felt (high acoustic performance by doubling the material) or as an acoustically effective lampshade (large selection of colours) with sound absorbing properties

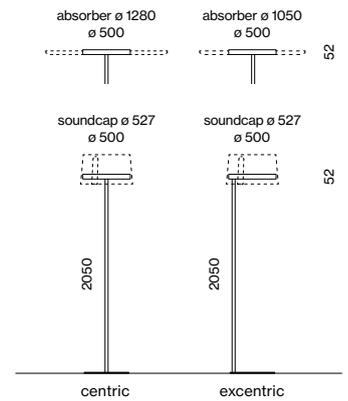
**FR** Lampadaire avec tête de luminaire conique en fonte d'aluminium injectée ; thermolaquée ; tube rond en aluminium disposition au choix centrale ou décentralisée ; pied rond avec échancrure pour pied de table ; caractéristique de rayonnement direct/indirect ; prop. lumière indirecte – platines propres p. flux lumineux accru (éclairc. plafond max.) ; en option : partie éclairage indirect avec platines en biais dédiées pour une caractéristique de diffusion asymétrique ; éclairage parfaitement homogène ; LED à haut rend. énerg. – excellent rendu coul. ; incl. câble raccordement (3m) avec fiche contact de protection ; éléments acoustiques en feutre PET recyclé, autoportant, haute qualité (performances acoustiques élevées grâce à un matériau doublé) ou comme abat-jour à effet acoustique (large sélection de couleurs) doué de propriétés insonorisantes

## Quickinfo

3000 K, 4000 K  
 CRI ≥ 80, 3 SDCM  
 UGR ≤ 19 / 65° ≤ 3000 cd/m²  
 up to 152 lm/W  
 L90 @ 50 000h  
 non DIM, touch DIM on pole  
 brightness & presence sensor  
 microprismatic (UGR ≤ 19)

acoustic elements  
 ♻️ from recycled material  
 🔥 available as B-s1, d0

## Types



## Luminaire colours



## Acoustic colours



## Light distribution



DiiA® standards  
251, 252, 253



### Order options

|                           |    |
|---------------------------|----|
| <b>COLOUR TEMPERATURE</b> | ☐☐ |
| 3000K                     | 5  |
| 4000K                     | 6  |

|  |      |
|--|------|
| <b>CONTROL</b>                           | ⬆️⬆️ |
| non DIM switch                           | 1    |
| touch DIM on pole                        | 5    |
| ESSENTIAL sensor (brightness & presence) | 7    |

|                           |    |
|---------------------------|----|
| <b>LUMINAIRE COLOUR</b>   | ☑️ |
| ○ pure white RAL 9010     | 7  |
| ● black grey RAL 7021     | 6  |
| 🌈 special colours ➡ p.992 | X  |

|                           |   |
|---------------------------|---|
| <b>ACOUSTIC COLOUR</b>    | ■ |
| ○ white                   | W |
| ● marble grey             | D |
| ● felt grey               | G |
| ● black                   | L |
| 🌈 special colours ➡ p.992 | X |

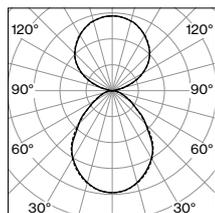
|                           |  |
|---------------------------|--|
| <b>LIGHT OPTIC COVER</b>  |  |
| microprismatic (UGR ≤ 19) |  |

### Options on request

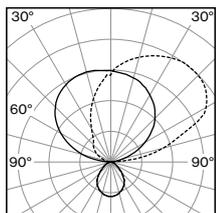
|                               |  |
|-------------------------------|--|
| <b>COLOUR RENDERING INDEX</b> |  |
| CRI ≥ 90                      |  |

|                                |  |
|--------------------------------|--|
| <b>CONTROL</b>                 |  |
| cluster network DIM            |  |
| dynamic daylight control (BPI) |  |
| Zigbee 3.0                     |  |

### Light distributions

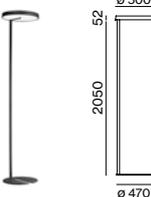
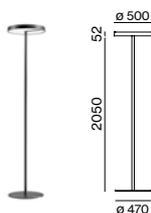


microprismatic direct/indirect



microprismatic direct/indirect asym. power

**LUMINOUS FLUX** value calculated for CRI ≥ 80, colour white, cover microprismatic



### SONIC centric pole free standing



#### DIRECT/INDIRECT

| SYSTEM POWER | COLOUR TEMP. | LUMINOUS FLUX   | ORDER CODE |
|--------------|--------------|-----------------|------------|
| 69W          | 3000K        | ↓ 5000/↑ 4940lm | 059-7921   |
|              | 4000K        | ↓ 5290/↑ 5230lm | ☐☐☐☐P      |

#### DIRECT/INDIRECT ASYMMETRIC POWER

| SYSTEM POWER | COLOUR TEMP. | LUMINOUS FLUX    | ORDER CODE |
|--------------|--------------|------------------|------------|
| 105W         | 3000K        | ↓ 4260/↑ 9840lm  | 059-7941   |
|              | 4000K        | ↓ 4510/↑ 10500lm | ☐☐☐☐P      |

### SONIC excentric pole free standing



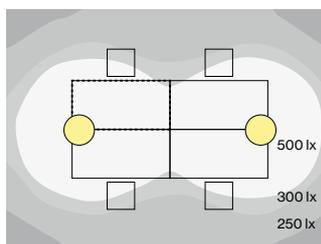
#### DIRECT/INDIRECT

| SYSTEM POWER | COLOUR TEMP. | LUMINOUS FLUX   | ORDER CODE |
|--------------|--------------|-----------------|------------|
| 69W          | 3000K        | ↓ 5000/↑ 4940lm | 059-7922   |
|              | 4000K        | ↓ 5290/↑ 5230lm | ☐☐☐☐P      |

#### DIRECT/INDIRECT ASYMMETRIC POWER

| SYSTEM POWER | COLOUR TEMP. | LUMINOUS FLUX    | ORDER CODE |
|--------------|--------------|------------------|------------|
| 105W         | 3000K        | ↓ 4260/↑ 9840lm  | 059-7942   |
|              | 4000K        | ↓ 4510/↑ 10500lm | ☐☐☐☐P      |

### Technical data

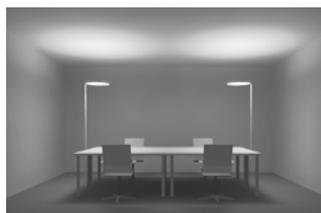


**SONIC excentric pole free standing**  
69W, 4000K, direct/indirect

|                    |                 |
|--------------------|-----------------|
| <b>ROOM VALUES</b> |                 |
| Room dimensions    | 5.4 × 4 × 2.8m  |
| Reflection factor  | 0.7   0.5   0.2 |
| Maintenance factor | 0.8             |

|                                       |           |
|---------------------------------------|-----------|
| <b>CALCULATION SURFACE</b>            | .....     |
| Surface dimensions                    | 1.6 × 0.8 |
| Surface height                        | 0.75      |
| Average illuminance (E <sub>m</sub> ) | > 500 lx  |
| Uniformity (U <sub>0</sub> )          | > 0.6     |

|  |      |
|--|------|
| <b>GLARE EVALUATION</b>                    |      |
| Table Classification X=4H   Y=8H   S=0.25H |      |
| UGR transversal                            | ≤ 19 |
| UGR axial                                  | ≤ 19 |



### Acoustic elements

#### SONIC ABSORBER ring

| COLOUR      | Ø-H (mm) | ORDER CODE  |
|-------------|----------|-------------|
| white       | 1050-50  | 059-771121W |
| white       | 1280-50  | 059-771111W |
| marble grey | 1050-50  | 059-771121D |
| marble grey | 1280-50  | 059-771111D |
| black       | 1050-50  | 059-771121L |
| black       | 1280-50  | 059-771111L |

only in combination with SONIC suspended or SONIC free standing

#### SONIC SOUNDCAP

| TYPE     | Ø-H (mm) | ORDER CODE  |
|----------|----------|-------------|
| soundcap | 527-300  | 059-773111■ |

only in combination with SONIC suspended or SONIC free standing;  
bracket colour white; other bracket colours on request

