



## MINO 60

suspended

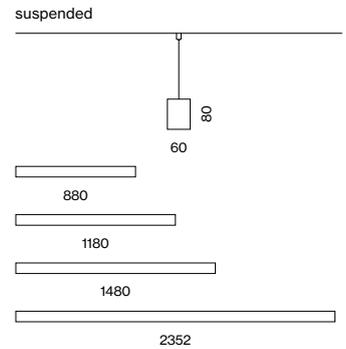
**EN** Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining components mounted without tools; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with feeder cable; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-eff. LEDs – very good colour rendering

**DE** Leuchtenkörper aus Aluminiumstrangpressprofil, kantige Ausführung; keine sichtbaren Schrauben; Oberfläche pulverbeschichtet; Leuchtenprofil für Montage vorab lieferbar; restl. Komponenten werkzeuglos montierbar; abgependelt mit Seilabhängung; werkzeuglose Höhenverstellung an der Leuchte; Befestigung an der Leuchte mittels Federclips; frei positionierbar; inkl. Einspeiseleitung; Lichteinsatz bestehend aus hochreflektierend lackiertem Strangpressprofil für verbessertes Thermomanagement; HPO (High Performance Opal) Abdeckung für homogene Ausleuchtung; mikrop Prismatische PMMA-Abdeckung inkl. Diffusorfolie zur Reduktion der Leuchtdichte bei homogener Ausleuchtung; energieeff. LEDs – sehr gute Farbwiedergabe

### Quickinfo

3000 K, 4000 K; TW  
 CRI  $\geq$  80, CRI  $\geq$  90, 3 SDCM  
 up to 135 lm/W  
 L90 @ 50 000 h  
 non DIM, DALI-2  
 opal, microprismatic (UGR  $\leq$  19)

### Types



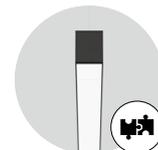
### Colours



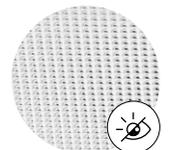
### Light distribution



DiiA® standards  
 251, 252, 253



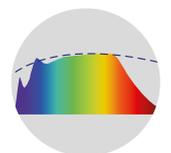
system  
 solution



microprismatic  
 UGR  $\leq$  19



tunable white  
 2700–6500 K



CRI  $\geq$  98  
 XPECTRUM

## Order options

### COLOUR TEMPERATURE

|                            |   |
|----------------------------|---|
| 3000 K (CRI $\geq$ 90)     | 0 |
| 4000 K (CRI $\geq$ 90)     | 1 |
| 3000 K (CRI $\geq$ 80)     | 5 |
| 4000 K (CRI $\geq$ 80)     | 6 |
| tunable white 2700–6500 K* | 6 |

\*DALI-2 DT8

### CONTROL

|         |   |
|---------|---|
| non DIM | 1 |
| DALI-2  | 3 |

### MATERIAL COLOUR

|   |   |
|---|---|
| <input type="radio"/> pure white RAL 9010                 | 7 |
| <input checked="" type="radio"/> white aluminium RAL 9006 | G |
| <input type="radio"/> jet black RAL 9005                  | 8 |

### LIGHT OPTIC COVER

|                                 |   |
|---------------------------------|---|
| opal high performance           | H |
| microprismatic                  | Z |
| microprismatic (UGR $\leq$ 19)* | G |

\*UGR $\leq$ 19 only with mid lumen

## Options on request

### COLOUR RENDERING INDEX

CRI $\geq$ 98 XPECTRUM

### INDIVIDUAL MATERIAL COLOUR

MINO 60 suspended system



## MINO 60 suspended



### MID LUMEN

| SYS. POWER | COLOUR TEMP. | LUM. FLUX | L (mm) | ORDER CODE   |
|------------|--------------|-----------|--------|--|
| 10.3W      | 3000K        | 1230lm    | 880    | 0 4 6 - 4 2 L 3 :: 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
|            | 4000K        | 1400lm    |        |  |
| 13.3W      | 3000K        | 1640lm    | 1180   | 0 4 6 - 4 2 L 4 :: 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
|            | 4000K        | 1870lm    |        |  |
| 16.6W      | 3000K        | 2060lm    | 1480   | 0 4 6 - 4 2 L 5 :: 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
|            | 4000K        | 2340lm    |        |  |
| 26.6W      | 3000K        | 3290lm    | 2352   | 0 4 6 - 4 2 L 8 :: 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
|            | 4000K        | 3740lm    |        |  |

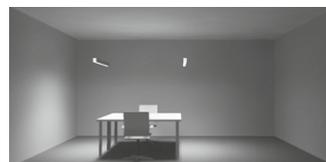
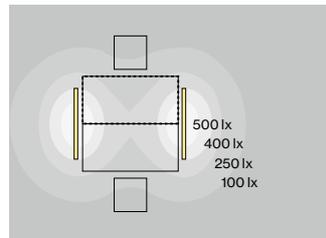
### HIGH LUMEN

| SYS. POWER | COLOUR TEMP. | LUM. FLUX | L (mm) | ORDER CODE   |
|------------|--------------|-----------|--------|--|
| 17.5W      | 3000K        | 2070lm    | 880    | 0 4 6 - 4 2 M 3 :: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
|            | 4000K        | 2360lm    |        |  |
| 23.3W      | 3000K        | 2760lm    | 1180   | 0 4 6 - 4 2 M 4 :: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
|            | 4000K        | 3150lm    |        |  |
| 29.1W      | 3000K        | 3460lm    | 1480   | 0 4 6 - 4 2 M 5 :: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
|            | 4000K        | 3930lm    |        |  |
| 45W        | 3000K        | 5530lm    | 2352   | 0 4 6 - 4 2 M 8 :: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
|            | 4000K        | 6290lm    |        |  |

### TUNABLE WHITE

| SYS. POWER | COLOUR TEMP. | LUM. FLUX | L (mm) | ORDER CODE  |
|------------|--------------|-----------|--------|---|
| 19W        | 2700–6500K   | 2260lm    | 880    | 0 4 6 - 4 2 3 3 D 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 25.3W      | 2700–6500K   | 3010lm    | 1180   | 0 4 6 - 4 2 3 4 D 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 31W        | 2700–6500K   | 3760lm    | 1480   | 0 4 6 - 4 2 3 5 D 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 49W        | 2700–6500K   | 6020lm    | 2352   | 0 4 6 - 4 2 3 8 D 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |

## Technical data



**MINO 60** suspended, 13.3W, 4000K, direct

### ROOM VALUES

|                    |                 |
|--------------------|-----------------|
| Room dimensions    | 5.4 × 4 × 2.8 m |
| Reflection factor  | 0.7   0.5   0.2 |
| Maintenance factor | 0.8             |
| Suspension height  | 2.25 m          |

### CALCULATION SURFACE .....

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

### GLARE EVALUATION

|  |      |
|--|------|
| Table Classification X=4H   Y=8H   S=0.25H |      |
| UGR transversal                            | ≤ 19 |
| UGR axial                                  | ≤ 19 |

**LUMINOUS FLUX** value calculated for  
CRI $\geq$ 80, colour white, cover opal  
microprism. Z -13%, microprism. G -15%