



MINO 60

suspended

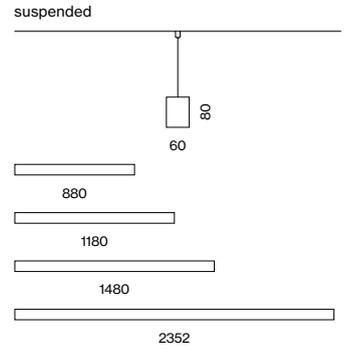
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining components mounted without tools; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; 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

ES Cuerpo de perfil de aluminio con diseño angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo; Perfil disponible para pre-montaje; los demás componentes se pueden montar sin herramientas; suspendido con cable; regulación de la altura sin necesitar herramientas; fijación en las lámparas por medio de enganches elásticos; ajustable de una manera sencilla; incl. cable de alimentación; elemento de luz formado por perfil extruido con acabado altamente reflectante para una gestión térmica mejorada; difusor opal de alta calidad que proporciona una iluminación uniforme; cubierta microprismática de PMMA con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; LED energét. efíc. – excelente reprod. crom.

Quickinfo

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

Types



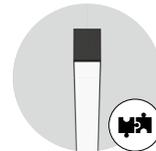
Colours



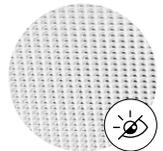
Light distribution



DiiA® standards
 251, 252, 253



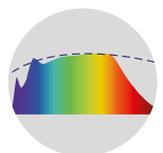
system
 solution



microprismatic
 UGR ≤ 19



tunable white
 2700–6500 K



CRI ≥ 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 type="checkbox"/> |
| | 4000K | 1400lm | | |
| 13.3W | 3000K | 1640lm | 1180 | 0 4 6 - 4 2 L 4 :: 1 <input checked="" type="checkbox"/> <input type="checkbox"/> |
| | 4000K | 1870lm | | |
| 16.6W | 3000K | 2060lm | 1480 | 0 4 6 - 4 2 L 5 :: 1 <input checked="" type="checkbox"/> <input type="checkbox"/> |
| | 4000K | 2340lm | | |
| 26.6W | 3000K | 3290lm | 2352 | 0 4 6 - 4 2 L 8 :: 1 <input checked="" type="checkbox"/> <input 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 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 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 type="checkbox"/> |
| | 4000K | 3930lm | | |
| 45W | 3000K | 5530lm | 2352 | 0 4 6 - 4 2 M 8 :: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input 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 type="checkbox"/> <input type="checkbox"/> |
| 25.3W | 2700–6500K | 3010lm | 1180 | 0 4 6 - 4 2 3 4 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 31W | 2700–6500K | 3760lm | 1480 | 0 4 6 - 4 2 3 5 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 49W | 2700–6500K | 6020lm | 2352 | 0 4 6 - 4 2 3 8 D 3 <input checked="" type="checkbox"/> <input type="checkbox"/> <input 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 _m) | > 500 lx |
| Uniformity (U ₀) | > 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%