



LENO

suspended

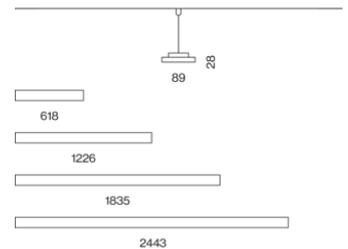
EN Low profile suspended luminaire, 28 mm total height; pendant fitting with cable suspension; with integrated toolless suspension height adjustment; incl. feeder cable; surface powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering

DE Extrem flache Pendelleuchte mit 28mm Gesamthöhe; abgependelt mit Seilabhängung; werkzeuglose Höhenverstellung an der Leuchte; inkl. Einspeiseleitung; Oberfläche pulverbeschichtet; absturzesicherer Lichteinsatz aus stranggepresstem Aluminiumprofil werkzeuglos mittels Magnethalter in Kanal einsetzbar; seitlich eingekoppeltes Licht durch LGP-Body (Light-Guiding-Prism) und hocheffizientem Reflektor nach unten gelenkt; homogen ausgeleuchtete, satinierte (bündig oder herausragend) oder mikroprismatische Abdeckung aus PMMA; energieeffiziente LEDs mit sehr guter Farbwiedergabe

Quickinfo

3000 K, 4000 K
 CRI \geq 80 / 3 SDCM (initial MacAdam)
 UGR \leq 19
 up to 2,130 lm/m
 up to 140 lm/W
 L90 / 50000 h
 DALI-2
 High Performance Opal, Jut-Out, Microprismatic
 IP20

Types



Colour



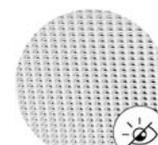
Light distributions



DiiA® standards
251, 252, 253



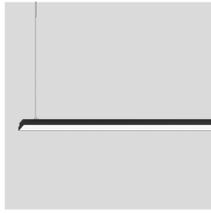
system solution



microprismatic
UGR \leq 19



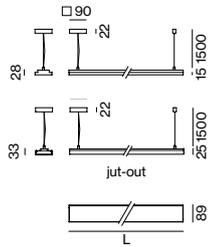
quick
installation



LENO suspended



MICROPRISMATIC (UGR ≤ 19) CRI ≥ 80, DALI-2



| SYSTEM | LENGTH | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE |
|--------|---------|--------------|-----------|----------|---|
| 9.9 W | 618 mm | 3000 K | 1160 lm | 117 lm/W | 0 5 1 - 9 2 1 2 5 3 <input checked="" type="checkbox"/> G |
| | | 4000 K | 1230 lm | 124 lm/W | 0 5 1 - 9 2 1 2 6 3 <input checked="" type="checkbox"/> G |
| 19.1 W | 1226 mm | 3000 K | 2320 lm | 121 lm/W | 0 5 1 - 9 2 1 4 5 3 <input checked="" type="checkbox"/> G |
| | | 4000 K | 2450 lm | 128 lm/W | 0 5 1 - 9 2 1 4 6 3 <input checked="" type="checkbox"/> G |
| 28.6 W | 1835 mm | 3000 K | 3480 lm | 122 lm/W | 0 5 1 - 9 2 1 6 5 3 <input checked="" type="checkbox"/> G |
| | | 4000 K | 3680 lm | 129 lm/W | 0 5 1 - 9 2 1 6 6 3 <input checked="" type="checkbox"/> G |
| 37.0 W | 2443 mm | 3000 K | 4630 lm | 125 lm/W | 0 5 1 - 9 2 1 8 5 3 <input checked="" type="checkbox"/> G |
| | | 4000 K | 4910 lm | 133 lm/W | 0 5 1 - 9 2 1 8 6 3 <input checked="" type="checkbox"/> G |

OPAL CRI ≥ 80, DALI-2

| SYSTEM | LENGTH | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE |
|--------|---------|--------------|-----------|----------|---|
| 9.9 W | 618 mm | 3000 K | 1220 lm | 123 lm/W | 0 5 1 - 9 2 1 2 5 3 <input checked="" type="checkbox"/> H |
| | | 4000 K | 1300 lm | 131 lm/W | 0 5 1 - 9 2 1 2 6 3 <input checked="" type="checkbox"/> H |
| 19.1 W | 1226 mm | 3000 K | 2450 lm | 128 lm/W | 0 5 1 - 9 2 1 4 5 3 <input checked="" type="checkbox"/> H |
| | | 4000 K | 2590 lm | 136 lm/W | 0 5 1 - 9 2 1 4 6 3 <input checked="" type="checkbox"/> H |
| 28.6 W | 1835 mm | 3000 K | 3670 lm | 128 lm/W | 0 5 1 - 9 2 1 6 5 3 <input checked="" type="checkbox"/> H |
| | | 4000 K | 3890 lm | 136 lm/W | 0 5 1 - 9 2 1 6 6 3 <input checked="" type="checkbox"/> H |
| 37.0 W | 2443 mm | 3000 K | 4900 lm | 132 lm/W | 0 5 1 - 9 2 1 8 5 3 <input checked="" type="checkbox"/> H |
| | | 4000 K | 5190 lm | 140 lm/W | 0 5 1 - 9 2 1 8 6 3 <input checked="" type="checkbox"/> H |

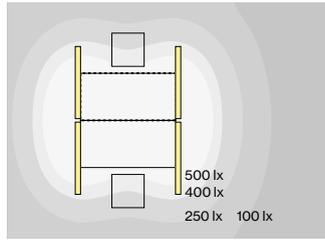
OPAL JUT-OUT CRI ≥ 80, DALI-2

| SYSTEM | LENGTH | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE |
|--------|---------|--------------|-----------|----------|---|
| 9.9 W | 618 mm | 3000 K | 1170 lm | 118 lm/W | 0 5 1 - 9 2 1 2 5 3 <input checked="" type="checkbox"/> J |
| | | 4000 K | 1240 lm | 125 lm/W | 0 5 1 - 9 2 1 2 6 3 <input checked="" type="checkbox"/> J |
| 19.1 W | 1226 mm | 3000 K | 2350 lm | 123 lm/W | 0 5 1 - 9 2 1 4 5 3 <input checked="" type="checkbox"/> J |
| | | 4000 K | 2490 lm | 130 lm/W | 0 5 1 - 9 2 1 4 6 3 <input checked="" type="checkbox"/> J |
| 28.6 W | 1835 mm | 3000 K | 3520 lm | 123 lm/W | 0 5 1 - 9 2 1 6 5 3 <input checked="" type="checkbox"/> J |
| | | 4000 K | 3730 lm | 130 lm/W | 0 5 1 - 9 2 1 6 6 3 <input checked="" type="checkbox"/> J |
| 37.0 W | 2443 mm | 3000 K | 4700 lm | 127 lm/W | 0 5 1 - 9 2 1 8 5 3 <input checked="" type="checkbox"/> J |
| | | 4000 K | 4970 lm | 134 lm/W | 0 5 1 - 9 2 1 8 6 3 <input checked="" type="checkbox"/> J |

Order options

| COLOUR | |
|---------------------|---------------------------------------|
| pure white RAL 9010 | 7 <input checked="" type="checkbox"/> |
| jet black RAL 9005 | 8 <input checked="" type="checkbox"/> |

Planning Information



LENO suspended, microprismatic,
19:1W, 4000K

ROOM VALUES

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

CALCULATION SURFACE

| | |
|-------------------------------|-----------|
| Surface dimensions | 1.6 × 0.8 |
| Surface height | 0.75 |
| 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 |

Order options

| COLOUR | <input checked="" type="checkbox"/> |
|---------------------|-------------------------------------|
| pure white RAL 9010 | 7 |
| jet black RAL 9005 | 8 |

Biologiezentrum Universität, Vienna

Austria

Architect

Karsten Liebner, Marcel
Backhaus

Lighting Design

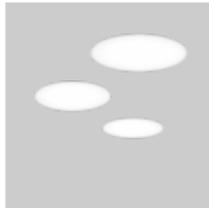
VASKO+PARTNER
INGENIEURE
Ziviltechniker für
Bauwesen und
Verfahrenstechnik
GesmbH

Photographer

Bruno Klomfar
Fotografie



Used products



COMBO trim



LENO suspended











