



LENO system

recessed trimless

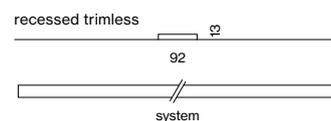
EN Low profile recessed channel; for trimless installation in 12.5 mm plasterboard ceilings; wall or ceiling mounting; for lighting systems; powder coated; special edge design with grooves for better adhesion of filler; easy mounting without need to cut the substructure; fall-safe light inset made of 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; optional asym. light distribution; energy-eff. LEDs – very good colour rendering; external converter for ceiling insertion

DE Extrem flacher Einbaukanal; für randlosen Einbau in 12,5 mm Gipskartondecken; Wand- oder Deckenmontage; für Lichtsysteme; pulverbeschichtet; spezielle Randausbildung mit Rillen für bessere Haftung der Spachtelmasse; einfache Montage ohne Schneiden der Unterkonstruktion; 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; optional asym. Lichtverteilung; energieeff. LEDs – sehr gute Farbwiedergabe; externer Konverter für Deckeneinwurf

Quickinfo

3000 K, 4000 K
 CRI ≥ 80, 3 SDCM
 up to 137 lm/W
 L90 @ 50 000 h
 DALI-2
 opal, microprismatic (UGR ≤ 19),
 jut-out, asymmetric wallwasher

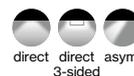
Types



Colour



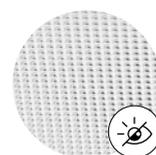
Light distributions



DiiA® standards
 251, 252, 253



single luminaire
 (p. 492)



microprismatic
 UGR ≤ 19



quick
 installation

Order options

| | |
|---------------------------|----|
| COLOUR TEMPERATURE | ☼☼ |
| 3000K | 5 |
| 4000K | 6 |

CONTROL

DALI-2

MATERIAL COLOUR

○ traffic white RAL 9016

LIGHT OPTIC COVER

| | |
|---------------------------|---|
| opal high performance | H |
| microprismatic (UGR ≤ 19) | G |
| jut-out | J |
| asymmetric | A |

Options on request

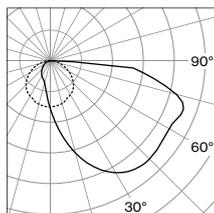
COLOUR RENDERING INDEX

CRI ≥ 90

EMERGENCY LIGHT

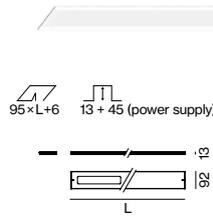
1h accupack
3h accupack

Light distribution



asymmetric

LUMINOUS FLUX value calculated for
colour white, cover opal
microprismatic -5%, jut-out-4%



LENO trimless

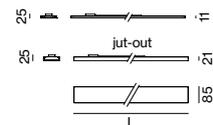
INSTALLATION CHANNEL

| TYPE | L (mm) | ORDER CODE |
|---------|--------|-------------|
| channel | 613 | 051-8900067 |
| channel | 1221 | 051-8900127 |
| channel | 1830 | 051-8900187 |
| channel | 2438 | 051-8900247 |

order installation channel, light inset + mounting accessories separately



LIGHT INSET



SYS. POWER (OPAL, MP, JUT-OUT / ASYM.)

| SYS. POWER (OPAL, MP, JUT-OUT / ASYM.) | L (mm) | ORDER CODE |
|--|--------|---------------|
| 10.8W / 15.6W | 612 | 051-8012::37□ |
| 19.1W / 31W | 1220 | 051-8014::37□ |
| 28.6W / 47W | 1828 | 051-8016::37□ |
| 38W / 62W | 2436 | 051-8018::37□ |

| COVER | COLOUR TEMP. | SYSTEM POWER | DELIVERED LUMENS | EFFICACY |
|----------------|--------------|--------------|------------------|----------|
| opal high | 3000K | 17.6W/m | 2010lm/m | 129lm/W |
| performance | 4000K | | 2130lm/m | 137lm/W |
| microprismatic | 3000K | 17.6W/m | 1900lm/m | 122lm/W |
| UGR ≤ 19 | 4000K | | 2010lm/m | 129lm/W |
| jut-out | 3000K | 17.6W/m | 1930lm/m | 124lm/W |
| | 4000K | | 2040lm/m | 131lm/W |
| asymmetric | 3000K | 25.5W/m | 2580lm/m | 101lm/W |
| | 4000K | | 2730lm/m | 107lm/W |

Accessories



END CAPS

| TYPE | ORDER CODE |
|-----------------|-------------|
| end caps (pair) | 051-8990217 |



LINEAR CONNECTOR

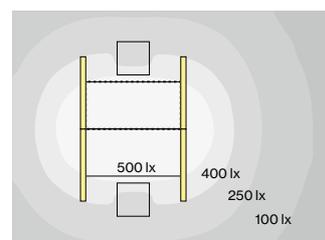
| TYPE | ORDER CODE |
|-----------------------------|----------------|
| linear connector (pair) | 051-8990110 |
| linear connector (10 pairs) | 051-8990110.10 |



DISMOUNTING TOOL

| TYPE | ORDER CODE |
|------------|------------|
| vacuum cup | 086-30000 |

Technical data



LENO trimless, microprismatic,
19.1W, 4000K

ROOM VALUES

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

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 |

