



## LENO

trimless

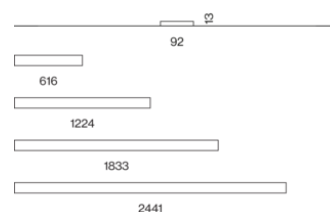
**EN** Low profile recessed channel; suitable for trimless installation in 12.5 mm plasterboard ceilings; suitable for wall or ceiling mounting; surface powder coated; special edge design with grooves for better adhesion of filler; easy mounting without need to cut the substructure; fall-safe light inset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

**IT** Apparecchio da incasso ultrapiatto; per incasso a scomparsa in soffitto di cartongesso di 12,5 mm; per montaggio a parete o soffitto; verniciatura a polvere; bordatura speciale scanalata per una migliore aderenza dello stucco; montaggio semplice senza taglio della struttura sottostante; inserto luce anti-caduta in profilo di alluminio estruso, fissaggio nel canale con magneti senza bisogno di utensili; luce convogliata lateralmente e direzionata in basso con sistema LGP-Body (Light Guiding Prism) e riflettore ad alta efficienza; diffusore satinato (a filo o sporgente) o con struttura a microprismi a illuminazione omogenea in PMMA; in opzione con distribuzione asimmetrica della luce; LED ad efficienza energetica con elevata resa cromatica; incl. converter esterno da inserire nel soffitto

### Quickinfo

3000 K, 4000 K  
CRI  $\geq$  80 / 3 SDCM  
UGR  $\leq$  19  
fino a 2,130 lm/m  
fino a 137 lm/W  
L90 / 50000 h  
DALI-2  
Asymmetric Wallwasher, High Performance Opal, Jut-Out, Microprismatic  
IP40, back IP20

### Types



### Colore



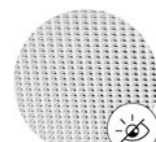
### Distribuzione della luce



DiiA® standards  
251, 252, 253



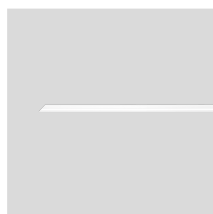
system solution



microprismatic  
UGR  $\leq$  19



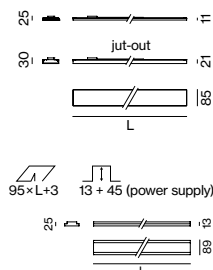
quick  
installation



## LENO trimless



### MICROPRISMATIC CRI ≥ 80, DALI-2, traffic white



| SYSTEM | LENGTH  | COLOUR TEMP. | LUM. FLUX | SYSTEM   | ORDER CODE              |
|--------|---------|--------------|-----------|----------|-------------------------|
| 10.8 W | 616 mm  | 3000 K       | 1160 lm   | 107 lm/W | 0 5 1 - 8 3 1 2 5 3 7 G |
|        |         | 4000 K       | 1230 lm   | 114 lm/W | 0 5 1 - 8 3 1 2 6 3 7 G |
| 19.1 W | 1224 mm | 3000 K       | 2320 lm   | 121 lm/W | 0 5 1 - 8 3 1 4 5 3 7 G |
|        |         | 4000 K       | 2450 lm   | 128 lm/W | 0 5 1 - 8 3 1 4 6 3 7 G |
| 28.6 W | 1833 mm | 3000 K       | 3480 lm   | 122 lm/W | 0 5 1 - 8 3 1 6 5 3 7 G |
|        |         | 4000 K       | 3680 lm   | 129 lm/W | 0 5 1 - 8 3 1 6 6 3 7 G |
| 38.0 W | 2441 mm | 3000 K       | 4630 lm   | 122 lm/W | 0 5 1 - 8 3 1 8 5 3 7 G |
|        |         | 4000 K       | 4910 lm   | 129 lm/W | 0 5 1 - 8 3 1 8 6 3 7 G |

### OPAL CRI ≥ 80, DALI-2, traffic white

| SYSTEM | LENGTH  | COLOUR TEMP. | LUM. FLUX | SYSTEM   | ORDER CODE              |
|--------|---------|--------------|-----------|----------|-------------------------|
| 10.8 W | 616 mm  | 3000 K       | 1220 lm   | 113 lm/W | 0 5 1 - 8 3 1 2 5 3 7 H |
|        |         | 4000 K       | 1300 lm   | 120 lm/W | 0 5 1 - 8 3 1 2 6 3 7 H |
| 19.1 W | 1224 mm | 3000 K       | 2450 lm   | 128 lm/W | 0 5 1 - 8 3 1 4 5 3 7 H |
|        |         | 4000 K       | 2590 lm   | 136 lm/W | 0 5 1 - 8 3 1 4 6 3 7 H |
| 28.6 W | 1833 mm | 3000 K       | 3670 lm   | 128 lm/W | 0 5 1 - 8 3 1 6 5 3 7 H |
|        |         | 4000 K       | 3890 lm   | 136 lm/W | 0 5 1 - 8 3 1 6 6 3 7 H |
| 38.0 W | 2441 mm | 3000 K       | 4900 lm   | 129 lm/W | 0 5 1 - 8 3 1 8 5 3 7 H |
|        |         | 4000 K       | 5190 lm   | 137 lm/W | 0 5 1 - 8 3 1 8 6 3 7 H |

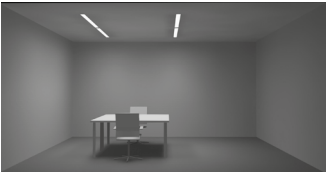
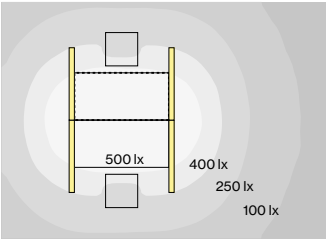
### OPAL JUT-OUT CRI ≥ 80, DALI-2, traffic white

| SYSTEM | LENGTH  | COLOUR TEMP. | LUM. FLUX | SYSTEM   | ORDER CODE              |
|--------|---------|--------------|-----------|----------|-------------------------|
| 10.8 W | 616 mm  | 3000 K       | 1170 lm   | 108 lm/W | 0 5 1 - 8 3 1 2 5 3 7 J |
|        |         | 4000 K       | 1240 lm   | 115 lm/W | 0 5 1 - 8 3 1 2 6 3 7 J |
| 19.1 W | 1224 mm | 3000 K       | 2350 lm   | 123 lm/W | 0 5 1 - 8 3 1 4 5 3 7 J |
|        |         | 4000 K       | 2490 lm   | 130 lm/W | 0 5 1 - 8 3 1 4 6 3 7 J |
| 28.6 W | 1833 mm | 3000 K       | 3520 lm   | 123 lm/W | 0 5 1 - 8 3 1 6 5 3 7 J |
|        |         | 4000 K       | 3730 lm   | 130 lm/W | 0 5 1 - 8 3 1 6 6 3 7 J |
| 38.0 W | 2441 mm | 3000 K       | 4700 lm   | 124 lm/W | 0 5 1 - 8 3 1 8 5 3 7 J |
|        |         | 4000 K       | 4970 lm   | 131 lm/W | 0 5 1 - 8 3 1 8 6 3 7 J |

### ASYMMETRIC CRI ≥ 80, DALI-2, traffic white

| SYSTEM | LENGTH  | COLOUR TEMP. | LUM. FLUX | SYSTEM   | ORDER CODE              |
|--------|---------|--------------|-----------|----------|-------------------------|
| 15.6 W | 616 mm  | 3000 K       | 1570 lm   | 101 lm/W | 0 5 1 - 8 3 1 2 5 3 7 A |
|        |         | 4000 K       | 1660 lm   | 106 lm/W | 0 5 1 - 8 3 1 2 6 3 7 A |
| 31.0 W | 1224 mm | 3000 K       | 3140 lm   | 101 lm/W | 0 5 1 - 8 3 1 4 5 3 7 A |
|        |         | 4000 K       | 3320 lm   | 107 lm/W | 0 5 1 - 8 3 1 4 6 3 7 A |
| 47.0 W | 1833 mm | 3000 K       | 4710 lm   | 100 lm/W | 0 5 1 - 8 3 1 6 5 3 7 A |
|        |         | 4000 K       | 4990 lm   | 106 lm/W | 0 5 1 - 8 3 1 6 6 3 7 A |
| 62.0 W | 2441 mm | 3000 K       | 6280 lm   | 101 lm/W | 0 5 1 - 8 3 1 8 5 3 7 A |
|        |         | 4000 K       | 6650 lm   | 107 lm/W | 0 5 1 - 8 3 1 8 6 3 7 A |

Planning Information



**LENO** trimless, microprismatic,  
19.1W, 4000K

|                    |                 |
|--------------------|-----------------|
| <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 |

Mounting accessories (optional)

DISMOUNTING TOOL

| TYPE       | ORDER CODE        |
|------------|-------------------|
| vacuum cup | 0 8 6 - 3 0 0 0 0 |

# Jungheinrich Hauptverwaltung

Austria

**Architetto**

reichardt+partner  
architekten

**Fotografo**

walter schießwohl



**Prodotti utilizzati**



**LENO trimless**



**LENO trim system**







# Donau Versicherung AG Insurance Group, Vienna

Austria

**Architetto**  
RAHU Architekten ZT  
KG

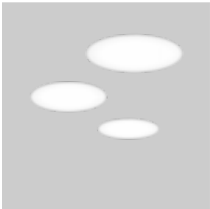
**Fotografo**  
DONAU Versicherung/  
Thomas Pitterle



**Prodotti utilizzati**



**LENO trimless**



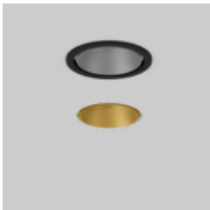
**COMBO trim**



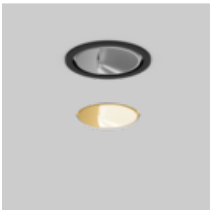
**MINO 60 CIRCLE  
suspended**



**SASSO 100 round  
adjustable recessed  
1 lamp**



**SASSO 100 round  
downlight recessed 1  
lamp**



**SASSO 100 round  
wallwasher recessed  
1 lamp**



**SASSO 100 round  
wallwasher/floor  
recessed 1 lamp**







