



## LENO

trimless

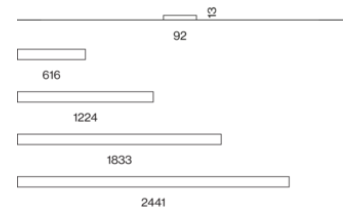
**EN** Low profile recessed channel; suitable for trimless installation in 12.5mm plasterboard ceilings; suitable for wall or ceiling mounting; surface powder coated; special edge design with grooves for better adhesion of filler; easy mounting without need to cut the substructure; fall-safe light inset 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

**DE** Extrem flacher Einbaukanal; geeignet für den randlosen Einbau in 12,5mm Gipskartendecken; geeignet für die Wand- oder Deckenmontage; Oberfläche pulverbeschichtet; spezielle Randausbildung mit Rillen für bessere Haftung der Spachtelmasse; einfache Montage ohne Schneiden der Unterkonstruktion; absturzsicherer 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 mit asymmetrischer Lichtverteilung; energieeffiziente LEDs mit sehr guter Farbwiedergabe; inkl. externem Konverter für Deckeneinwurf

### Quickinfo

3000 K, 4000 K  
 CRI  $\geq$  80 / 3 SDCM (initial MacAdam)  
 UGR  $\leq$  19  
 bis zu 2,130 lm/m  
 bis zu 140 lm/W  
 L90 / 50000 h  
 DALI-2  
 Asymmetric Wallwasher, High Performance Opal, Jut-Out, Microprismatic  
 IP40, back IP20

### Types



### Farbe



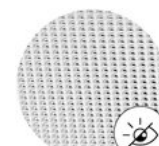
### Lichtverteilung



DiiA® standards  
251, 252, 253



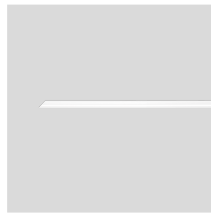
system solution



microprismatic  
UGR  $\leq$  19



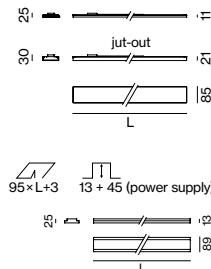
quick  
installation



## LENO trimless



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



SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	616 mm	3000 K	1160 lm	117 lm/W	0 5 1 - 8 3 1 2 5 3 7 G
		4000 K	1230 lm	124 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
37.0 W	2441 mm	3000 K	4630 lm	125 lm/W	0 5 1 - 8 3 1 8 5 3 7 G
		4000 K	4910 lm	133 lm/W	0 5 1 - 8 3 1 8 6 3 7 G

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

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	616 mm	3000 K	1220 lm	123 lm/W	0 5 1 - 8 3 1 2 5 3 7 H
		4000 K	1300 lm	131 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
37.0 W	2441 mm	3000 K	4900 lm	132 lm/W	0 5 1 - 8 3 1 8 5 3 7 H
		4000 K	5190 lm	140 lm/W	0 5 1 - 8 3 1 8 6 3 7 H

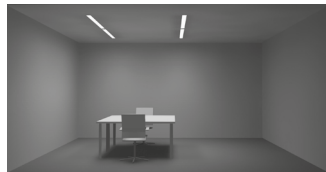
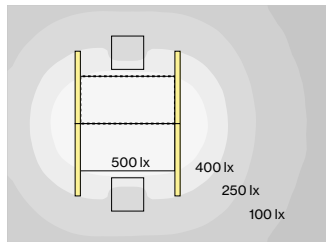
### OPAL JUT-OUT traffic white, CRI ≥ 80, DALI-2

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	616 mm	3000 K	1170 lm	118 lm/W	0 5 1 - 8 3 1 2 5 3 7 J
		4000 K	1240 lm	125 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
37.0 W	2441 mm	3000 K	4700 lm	127 lm/W	0 5 1 - 8 3 1 8 5 3 7 J
		4000 K	4970 lm	134 lm/W	0 5 1 - 8 3 1 8 6 3 7 J

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

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	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
30.0 W	1224 mm	3000 K	3140 lm	105 lm/W	0 5 1 - 8 3 1 4 5 3 7 A
		4000 K	3320 lm	111 lm/W	0 5 1 - 8 3 1 4 6 3 7 A
46.0 W	1833 mm	3000 K	4710 lm	102 lm/W	0 5 1 - 8 3 1 6 5 3 7 A
		4000 K	4990 lm	108 lm/W	0 5 1 - 8 3 1 6 6 3 7 A
60.0 W	2441 mm	3000 K	6280 lm	105 lm/W	0 5 1 - 8 3 1 8 5 3 7 A
		4000 K	6650 lm	111 lm/W	0 5 1 - 8 3 1 8 6 3 7 A

## Planning Information



**LENO** trimless, 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

**CALCULATION SURFACE** .....

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

**GLARE EVALUATION**

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

## Mounting tools accessories (optional)

**DISMOUNTING TOOL**

**TYPE**  
vacuum cup

**ORDER CODE**

0 8 6 - 3 0 0 0 0

# Jungheinrich Hauptverwaltung

Österreich

**Architekt**  
reichardt+partner  
architekten

**Fotograf**  
walter schießwohl



## Verwendete Produkte



**LENO trim system**



**LENO trimless**





# Donau Versicherung AG Insurance Group, Vienna

Österreich

**Architekt**  
RAHU Architekten ZT  
KG

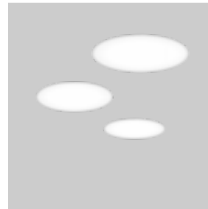
**Fotograf**  
DONAU Versicherung/  
Thomas Pitterle



## Verwendete Produkte



**MINO 60 CIRCLE**  
suspended



**COMBO trim**



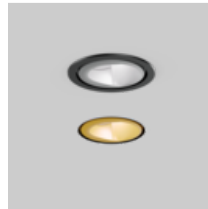
**LENO trimless**



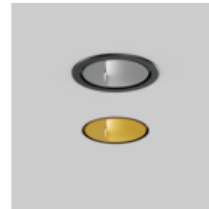
**SASSO 100 round**  
adjustable recessed 1  
lamp



**SASSO 100 round**  
downlight recessed 1  
lamp



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



**SASSO 100 round**  
wallwasher recessed  
1 lamp



