



LENO

trimless

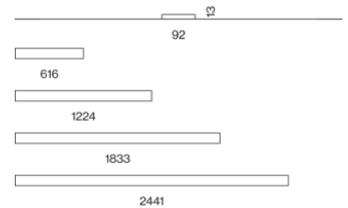
EN Low profile recessed channel; suitable for trimless installation in 12.5mm plasterboard ceilings; suitable for wall or ceiling mounting; surface powder coated; special edge design with grooves for better adhesion of filler; easy mounting without need to cut the substructure; fall-safe light inset 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 Gipskartondecken; geeignet für die Wand- oder Deckenmontage; Oberfläche 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 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
 up to 2,130 lm/m
 up to 140 lm/W
 L90 / 50000 h
 DALI-2
 Asymmetric Wallwasher, High Performance Opal, Jut-Out, Microprismatic
 IP40, back IP20

Types



Colour



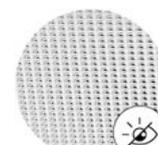
Light distributions



DiiA® standards
 251, 252, 253



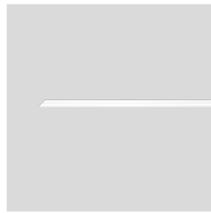
system solution



microprismatic
 UGR \leq 19



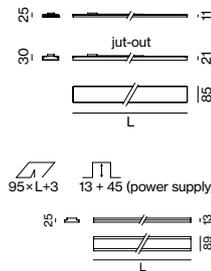
quick
 installation



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

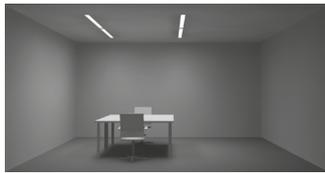
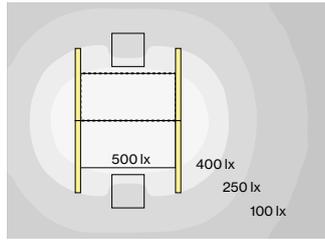
OPAL JUT-OUT traffic white, CRI ≥ 80, DALI-2

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_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

Mounting tools accessories (optional)

DISMOUNTING TOOL

TYPE
vacuum cup

ORDER CODE

0 8 6 - 3 0 0 0 0

Jungheinrich Hauptverwaltung

Germany

Architect
reichardt+partner
architekten

Photographer
walter schießwohl



Used products



LENO trimless



LENO trim system





Donau Versicherung AG Insurance Group, Vienna

Austria

Architect
RAHU Architekten ZT
KG

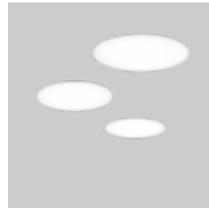
Photographer
DONAU Versicherung/
Thomas Pitterle



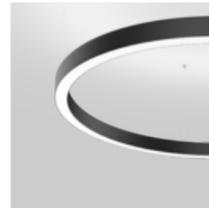
Used products



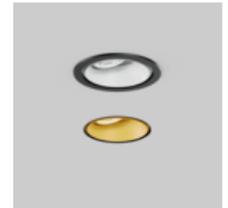
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COMBO trim



**MINO 60 CIRCLE
suspended**



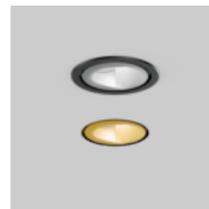
**SASSO 100 round
adjustable recessed 1
lamp**



**SASSO 100 round
downlight recessed 1
lamp**



**SASSO 100 round
wallwasher recessed
1 lamp**



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



**SASSO 100 round
recessed 1 lamp**



