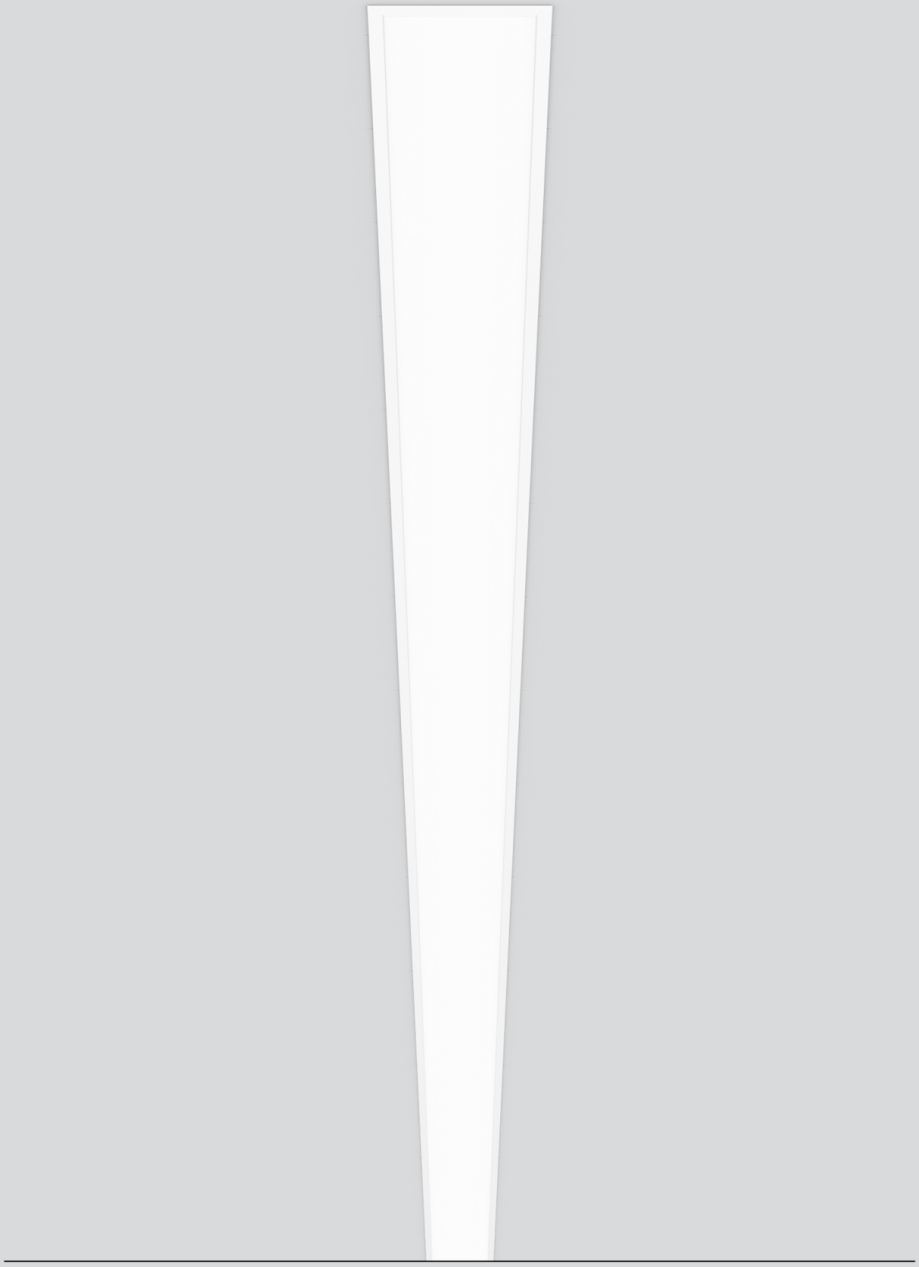
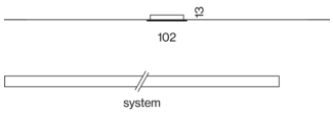


Quickinfo

3000 K, 4000 K
CRI ≥ 80 / 3 SDCM (initial MacAdam)
UGR ≤ 19
bis zu 140 lm/W
L85 / 50000 h
DALI-2
Asymmetric Wallwasher, Jut-Out, Microprismatic, Opal
IP40 / back IP20 / SK2 / 220-240 V
613 mm, 1.221 mm, 1.830 mm, 2.438 mm,

Types



Lichtverteilung



LENO

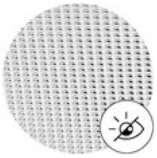
trim system

EN Low profile recessed channel; suitable for installation in 12.5 mm ceilings, with trim; suitable for wall or ceiling mounting; designed for continuous lighting systems; surface powder coated; 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 Einbau in 12,5 mm Decken, mit umlaufendem Rand; geeignet für die Wand- oder Deckenmontage; ausgelegt für durchgehende Lichtsysteme; Oberfläche pulverbeschichtet; einfache Montage ohne Schneiden der Unterkonstruktion; absturzgesicherter 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



DiiA® standards
251, 252, 253

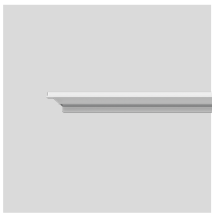


microprismatic
UGR ≤ 19



quick
installation

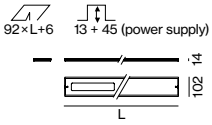
LENO TRIM SYSTEM



INSTALLATION CHANNEL with trim

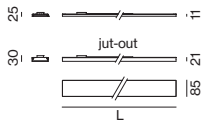
L·W·H (mm)	ORDER CODE
613·102·14	051-891006 7
1221·102·14	051-891012 7
1830·102·14	051-891018 7
2438·102·14	051-891024 7

order installation channel, light inset + mounting accessories separately



LIGHT INSET

CRI ≥ 80 · UGR ≤ 19 · 220-240 V · DALI 1 ADDR. · IP20 IP40 · X-PERT



MICROPRISMATIC traffic white, CRI ≥ 80, DALI-2

SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1230 lm	124 lm/W	051-80126:37G
19.1 W	1221 mm	2450 lm	128 lm/W	051-80146:37G
28.6 W	1830 mm	3680 lm	129 lm/W	051-80166:37G
37.0 W	2438 mm	4910 lm	133 lm/W	051-80186:37G

OPAL traffic white, CRI ≥ 80, DALI-2

SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1300 lm	131 lm/W	051-80126:37H
19.1 W	1221 mm	2590 lm	136 lm/W	051-80146:37H
28.6 W	1830 mm	3890 lm	136 lm/W	051-80166:37H
37.0 W	2438 mm	5190 lm	140 lm/W	051-80186:37H

The data values for the luminous flux may differ for specific order options by -6%. Luminous flux value refers to colour temperature 4000 K.

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

SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1240 lm	125 lm/W	051-80126:37J
19.1 W	1221 mm	2490 lm	130 lm/W	051-80146:37J
28.6 W	1830 mm	3730 lm	130 lm/W	051-80166:37J
37.0 W	2438 mm	4970 lm	134 lm/W	051-80186:37J

ASYMMETRIC traffic white, CRI ≥ 80, DALI-2

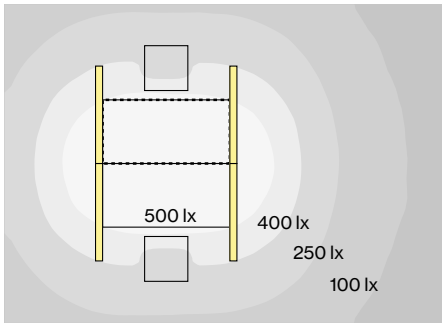
SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
15.6 W	613 mm	1660 lm	106 lm/W	051-80126:37A
30.0 W	1221 mm	3320 lm	111 lm/W	051-80146:37A
46.0 W	1830 mm	4990 lm	108 lm/W	051-80166:37A
60.0 W	2438 mm	6650 lm	111 lm/W	051-80186:37A

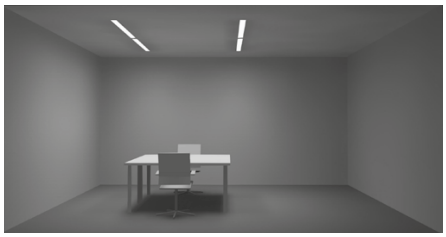
Order options

COLOUR TEMPERATURE	::
3000 K	5
4000 K	6

COLOUR	
traffic white	RAL 9016

Planning Information





LENO trim, microprismatic, 19.1 W, 4000 K

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 accessories (optional)



END CAPS 1 pair

W·H (mm)	ORDER CODE
102·14	051-899121 7



LINEAR CONNECTOR recessed

TYPE	L·W (mm)	ORDER CODE
1 pair	48·19	051-899011 0
10 pairs	48·19	051-899011 0 · 10

Mounting tools accessories (optional)

DISMOUNTING TOOL

TYPE	ORDER CODE
vacuum cup	086-30000

Jungheinrich Hauptverwaltung

Österreich

Architekt
reichardt+partner
architekten

Fotograf
walter schießwohl



Verwendete Produkte



LENO trimless

LENO trim system

No liability is assumed for
typographical or printing errors.
© XAL GmbH · Auer-Welsbach-
Gasse 36 · 8055 Graz · Austria ·
www.xal.com





