

## LENO system

recessed with trim

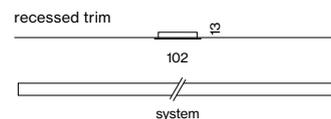
**EN** Low profile recessed channel; suitable for installation in 12.5 mm ceilings, with trim; suitable for wall or ceiling mounting; for continuous lighting systems; surface powder coated; easy mounting without need to cut the substructure; fall-safe light inset made of extruded aluminium profile, can 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-eff. LEDs – 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; 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, satinierete (bündig oder herausragend) oder mikroprismatische Abdeckung aus PMMA; optional mit asymmetrischer Lichtverteilung; energieeff. LEDs – sehr gute Farbwiedergabe; inkl. externem Konverter für Deckeneinwurf

### Quickinfo

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

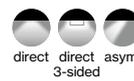
### Types



### Colour



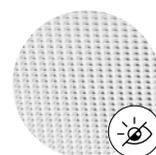
### Light distributions



DiiA® standards  
 251, 252, 253



single luminaire  
 (p. 492)



microprismatic  
 $UGR \leq 19$



quick  
 installation

## Order options

<b>COLOUR TEMPERATURE</b>	☼☼
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

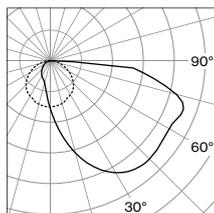
### COLOUR RENDERING INDEX

CRI ≥ 90

### EMERGENCY LIGHT

1h accupack  
3h accupack

## Light distribution

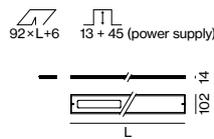


asymmetric

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



## LENO trim



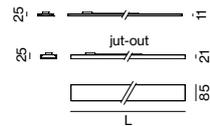
## INSTALLATION CHANNEL

<b>TYPE</b>	<b>L (mm)</b>	<b>ORDER CODE</b>
channel	613	051-8910067
channel	1221	051-8910127
channel	1830	051-8910187
channel	2438	051-8910247

order installation channel, light inset + mounting accessories separately



## LIGHT INSET



<b>SYS. POWER (OPAL, MP, JUT-OUT / ASYM.)</b>	<b>L (mm)</b>	<b>ORDER CODE</b>
10.8W / 15.6W	612	051-8012370
19.1W / 31W	1220	051-8014370
28.6W / 47W	1828	051-8016370
38W / 62W	2436	051-8018370

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

<b>TYPE</b>	<b>ORDER CODE</b>
end caps (pair)	051-8991217



### LINEAR CONNECTOR

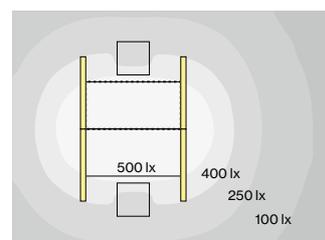
<b>TYPE</b>	<b>ORDER CODE</b>
linear connector (pair)	051-8990110
linear connector (10 pairs)	051-8990110.10



### DISMOUNTING TOOL

<b>TYPE</b>	<b>ORDER CODE</b>
vacuum cup	086-30000

## Technical data



**LENO** trim, 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 <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

