



## LENO system

recessed trimless

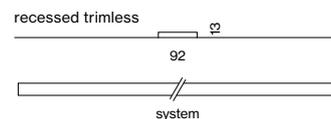
**EN** Low profile recessed channel; for trimless installation in 12.5 mm plasterboard ceilings; wall or ceiling mounting; for lighting systems; powder coated; special edge design with grooves for better adhesion of filler; easy mounting without need to cut the substructure; fall-safe light inset made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

**ES** Canal para montaje empotrado extremadamente plano; para encastre sin bordes en planchas cartón yeso 12,5 mm; montaje en techo y paredes; para sistemas de iluminación; recubierto de polvo; formación de bordes especial con aletas para mejor adherencia de la masilla; montaje sencillo sin cortar la construcción inferior; elemento de luz asegurado contra caídas de perfil de aluminio extrusionado que se puede introducir en el canal sin herramientas por medio de un soporte magnético; fuente de luz insertada en un lateral que es guiada y reflectada a través de unos prismas y reflector de alta calidad; cubierta de PMMA iluminada homogéneamente, satinada (enrasada o sobresaliente) o micro-prismática; opcional distribución asimétrica; LED energét. efíc. – excelente reprod. crom.; convertidor externo para inserción en el techo

### Quickinfo

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

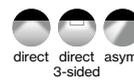
### Types



### Colour



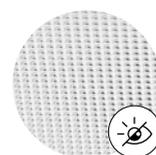
### Light distributions



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

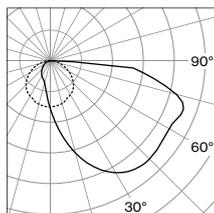
### COLOUR RENDERING INDEX

CRI ≥ 90

### EMERGENCY LIGHT

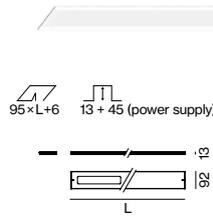
1h accupack  
3h accupack

## Light distribution



asymmetric

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



## LENO trimless

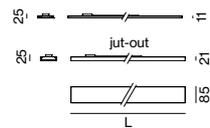
### INSTALLATION CHANNEL

| TYPE    | L (mm) | ORDER CODE  |
|---------|--------|-------------|
| channel | 613    | 051-8900067 |
| channel | 1221   | 051-8900127 |
| channel | 1830   | 051-8900187 |
| channel | 2438   | 051-8900247 |

order installation channel, light inset + mounting accessories separately



### LIGHT INSET



### SYS. POWER (OPAL, MP, JUT-OUT / ASYM.)

| SYS. POWER (OPAL, MP, JUT-OUT / ASYM.) | L (mm) | ORDER CODE    |
|--|--------|---------------|
| 10.8W / 15.6W                          | 612    | 051-8012::37□ |
| 19.1W / 31W                            | 1220   | 051-8014::37□ |
| 28.6W / 47W                            | 1828   | 051-8016::37□ |
| 38W / 62W                              | 2436   | 051-8018::37□ |

| 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

| TYPE            | ORDER CODE  |
|-----------------|-------------|
| end caps (pair) | 051-8990217 |



### LINEAR CONNECTOR

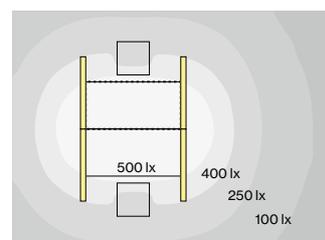
| TYPE                        | ORDER CODE     |
|-----------------------------|----------------|
| linear connector (pair)     | 051-8990110    |
| linear connector (10 pairs) | 051-8990110.10 |



### DISMOUNTING TOOL

| TYPE       | ORDER CODE |
|------------|------------|
| vacuum cup | 086-30000  |

## Technical data



**LENO** trimless, 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 |

