



## LENO

semi-recessed / surface system

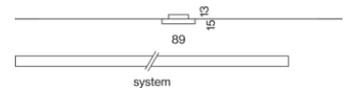
**EN** Low profile recessed mounted luminaire, 15 mm visible height or low profile surface mounted luminaire, 28 mm total height; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; designed for continuous lighting systems; surface powder coated; 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; energy-efficient LEDs with very good colour rendering

**ES** Lámpara empotrable extremadamente plana con altura visible de 15 mm o lámpara superpuesta extremadamente plana con altura total de 28 mm; apropiado para el montaje en la pared y en el techo; apropiada para el montaje en hormigón alisado u hormigón visto, en construcciones de placas de yeso y en paredes o techos enlucidos; diseñado para la creación de sistemas continuos; superficie con recubrimiento de pintura en polvo; 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 reflejada a través de unos prismas y reflector de alta calidad; cubierta de PMMA iluminada homogéneamente, satinada (enrasada o sobresaliente) o micro-prismática; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

### Quickinfo

3000 K, 4000 K  
 CRI  $\geq$  80 / 3 SDCM (initial MacAdam)  
 UGR  $\leq$  19  
 hasta 140 lm/W  
 L90 / 50000 h  
 DALI-2  
 High Performance Opal, Jut-Out, Microprismatic  
 IP20, IP40 / back IP20 / CP1 / 220-240 V

### Types



### Color



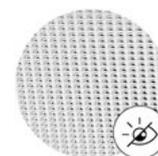
### Set de montaje



### Distribución luminosa



DiiA® standards  
 251, 252, 253



microprismatic  
 UGR  $\leq$  19



quick  
 installation

## LENO SEMI-RECESSED / SURFACE SYSTEM



### INSTALLATION CHANNEL semi-recessed / surface

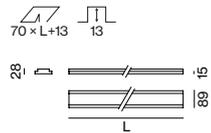
**L-W-H (mm)**

613-89-28
1221-89-28
1830-89-28
2438-89-28

**ORDER CODE**

0 5 1 - 8 9 2 0 0 6
0 5 1 - 8 9 2 0 1 2
0 5 1 - 8 9 2 0 1 8
0 5 1 - 8 9 2 0 2 4

order installation channel, light inset + mounting accessories separately



### CONCRETE / PLASTERBOARD MOUNTING HOUSING

**TYPE**

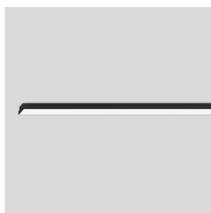
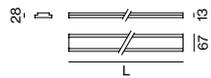
**L-W-H (mm)**

**ORDER CODE**

end	616-67-28
start/end	1224-67-28
middle	1221-67-28
start/end	1833-67-28
middle	1830-67-28
start/end	2441-67-28
middle	2438-67-28

0 5 1 - 8 9 6 0 0 6 0
0 5 1 - 8 9 6 0 1 2 0
0 5 1 - 8 9 6 1 1 2 0
0 5 1 - 8 9 6 0 1 8 0
0 5 1 - 8 9 6 1 1 8 0
0 5 1 - 8 9 6 0 2 4 0
0 5 1 - 8 9 6 1 2 4 0

necessary for semi-recessed mounting



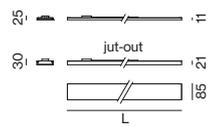
### LIGHT INSET



#### MICROPRISMATIC CRI ≥ 80, DALI-2

SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1230 lm	124 lm/W	0 5 1 - 8 1 1 2 :: 3 7 G
19.1 W	1221 mm	2450 lm	128 lm/W	0 5 1 - 8 2 1 4 :: 3 7 G
28.6 W	1830 mm	3680 lm	129 lm/W	0 5 1 - 8 2 1 6 :: 3 7 G
37.0 W	2438 mm	4910 lm	133 lm/W	0 5 1 - 8 2 1 8 :: 3 7 G

613 mm only available as end unit



#### OPAL CRI ≥ 80, DALI-2

SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1300 lm	131 lm/W	0 5 1 - 8 1 1 2 :: 3 7 H
19.1 W	1221 mm	2590 lm	136 lm/W	0 5 1 - 8 2 1 4 :: 3 7 H
28.6 W	1830 mm	3890 lm	136 lm/W	0 5 1 - 8 2 1 6 :: 3 7 H
37.0 W	2438 mm	5190 lm	140 lm/W	0 5 1 - 8 2 1 8 :: 3 7 H

The data values for the luminous flux may differ for specific order options by -6%. Luminous flux value refers to colour temperature 4000 K. 613 mm only available as end unit

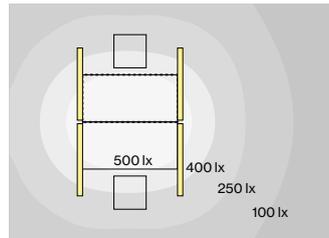
### Order options

COLOUR TEMPERATURE	COLOUR	COLOUR	COLOUR
3000 K	5 traffic white RAL 9016	7 pure white RAL 9010	7
4000 K	6 jet black RAL 9005	8 jet black RAL 9005	8

**OPAL JUT-OUT CRI ≥ 80, DALI-2**

SYSTEM	LENGTH	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	613 mm	1240 lm	125 lm/W	0 5 1 - 8 1 1 2 <input checked="" type="checkbox"/> 3 7 J
19.1 W	1221 mm	2490 lm	130 lm/W	0 5 1 - 8 2 1 4 <input checked="" type="checkbox"/> 3 7 J
28.6 W	1830 mm	3730 lm	130 lm/W	0 5 1 - 8 2 1 6 <input checked="" type="checkbox"/> 3 7 J
37.0 W	2438 mm	4970 lm	134 lm/W	0 5 1 - 8 2 1 8 <input checked="" type="checkbox"/> 3 7 J

613 mm only available as end unit

**Planning Information**

**LENO surface, microprismatic,**  
19.1W, 4000K

**ROOM VALUES**

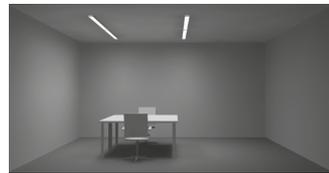
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7   0.5   0.2
Maintenance factor	0.8

**CALCULATION SURFACE** .....

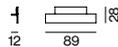
Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E <sub>m</sub> )	> 500 lx
Uniformity (U <sub>0</sub> )	> 0.6

**GLARE EVALUATION**

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


**Mounting accessories (optional)**
**END CAPS CONCRETE / PLASTERBOARD MOUNTING HOUSING 1 pair**

<b>W-H (mm)</b>	<b>ORDER CODE</b>
89-28	0 5 1 - 8 9 9 6 2 1 0


**END CAPS semi-recessed / surface / suspended**

<b>W-H (mm)</b>	<b>ORDER CODE</b>
89-28	0 5 1 - 8 9 9 2 2 1 <input checked="" type="checkbox"/>


**LINEAR CONNECTOR semi-recessed / surface**

<b>TYPE</b>	<b>L-W (mm)</b>	<b>ORDER CODE</b>
1 pair	60-15	0 5 1 - 8 9 9 2 1 1 0
10 pairs	60-15	0 5 1 - 8 9 9 2 1 1 0 · 1 0

**Mounting tools accessories (optional)**
**DISMOUNTING TOOL**

<b>TYPE</b>	<b>ORDER CODE</b>
vacuum cup	0 8 6 - 3 0 0 0 0

**Order options**

COLOUR TEMPERATURE	<input checked="" type="checkbox"/>	COLOUR	<input checked="" type="checkbox"/>	COLOUR	<input checked="" type="checkbox"/>
3000 K	5	traffic white RAL 9016	7	pure white RAL 9010	7
4000 K	6	jet black RAL 9005	8	jet black RAL 9005	8



### Electrical accessories (optional)

#### POWER FEEDER CONNECTOR

**TYPE**

220-240V | 13A

**ORDER CODE**

0 5 1 - 8 9 9 2 3 3 0

#### Order options

COLOUR TEMPERATURE	⚙	COLOUR	<input type="checkbox"/>	COLOUR	<input type="checkbox"/>
3000 K	5	traffic white RAL 9016	7	pure white RAL 9010	7
4000 K	6	jet black RAL 9005	8	jet black RAL 9005	8