



# LENO system

semi-recessed

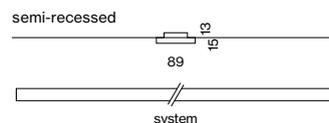
**EN** Low profile recessed mounted luminaire, 15 mm visible height; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; designed for continuous lighting systems; surface powder coated; fall-safe 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 extraplana con altura visible de 15 mm; para montaje en pared o techo; empotrable en hormigón visto o alisado, estructuras de yeso laminado y paredes o techos enlucidos; diseñada para la creación de sistemas continuos; superficie con recubrimiento de pintura en polvo; elemento de luz anticaídas de perfil de aluminio extruido insertable en el canal sin herramienta con un soporte magnético; luz acoplada lateralmente por cuerpo LGP (Light Guiding Prism) y reflector de alta eficiencia con direccionamiento hacia abajo; difusor de iluminación homogénea, satinado (a ras o sobresaliente) o microprismático de metacrilato; LEDs de alta eficiencia con muy buena reproducción cromática

## Quickinfo

3000 K, 4000 K  
 CRI ≥ 80, 3 SDCM  
 up to 137 lm/W  
 L90 @ 50 000 h  
 DALI-2  
 opal, microprismatic (UGR ≤ 19),  
 jut-out

## Types



## Colours



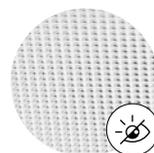
## Light distributions



DiiA® standards  
 251, 252, 253



single luminaire  
 (p. 496)



microprismatic  
 UGR ≤ 19



quick  
 installation

## Order options

<b>COLOUR TEMPERATURE</b>	☼☼
3000K	5
4000K	6

### CONTROL

DALI-2

### MATERIAL COLOUR

○ traffic white RAL 9016	7
● jet black RAL 9005	8

### LIGHT OPTIC COVER

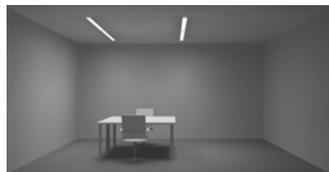
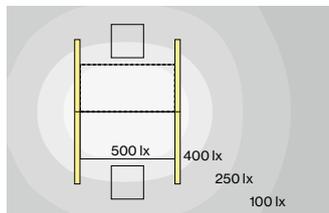
opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

## Options on request

### COLOUR RENDERING INDEX

CRI ≥ 90

## Technical data



**LENO semi-recessed**,  
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

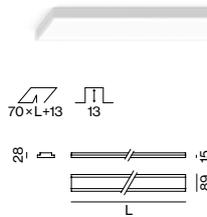
### CALCULATION SURFACE .....

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

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



## LENO semi-recessed

### INSTALLATION CHANNEL

TYPE	L (mm)	ORDER CODE
channel	613	051-892006
channel	1221	051-892012
channel	1830	051-892018
channel	2438	051-892024

order installation channel, light inset + mounting accessories separately



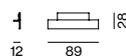
### LIGHT INSET

SYSTEM POWER	L (mm)	ORDER CODE
10.8W	612*	051-8112::37
191W	1220	051-8214::37
28.6W	1828	051-8216::37
38W	2436	051-8218::37

\*only available as end unit

COVER	COLOUR TEMP.	SYSTEM POWER	DELIVERED LUMENS	EFFICACY
opal high	3000K	17.6 W/m	2010 lm/m	129 lm/W
performance	4000K		2130 lm/m	137 lm/W
microprismatic	3000K	17.6 W/m	1900 lm/m	122 lm/W
UGR ≤ 19	4000K		2010 lm/m	129 lm/W
jut-out	3000K	17.6 W/m	1930 lm/m	124 lm/W
	4000K		2040 lm/m	131 lm/W

## Accessories



### END CAPS

TYPE	ORDER CODE
end caps mounting housing (pair)	051-8996210
end caps semi-recessed	051-899221



### LINEAR CONNECTOR

TYPE	ORDER CODE
linear connector (pair)	051-8992110
linear connector (10 pairs)	051-8992110.10

### POWER FEEDER CONNECTOR 220-240 V | 13A



TYPE	ORDER CODE
power feeder connector	051-8992330



### CONCRETE MOUNTING HOUSING

L (mm)	UNIT	ORDER CODE
616	end	051-8960060
1224	start/end	051-8960120
1221	middle	051-8961120
1833	start/end	051-8960180
1830	middle	051-8961180
2441	start/end	051-8960240
2438	middle	051-8961240



### DISMOUNTING TOOL

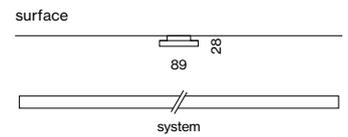
TYPE	ORDER CODE
vacuum cup	086-30000



**Quickinfo**

3000K, 4000K  
 CRI ≥ 80, 3 SDCM  
 up to 137lm/W  
 L90 @ 50 000h  
 DALI-2  
 opal, microprismatic (UGR ≤ 19),  
 jut-out

**Types**



**Colours**



**Light distributions**



**LENO system**

surface

**EN** Low profile surface mounted luminaire, 28mm total height; suitable for wall or ceiling mounting; 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

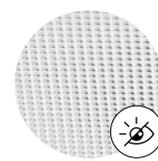
**ES** Lámpara extraplana de superficie con 28 mm de altura total; para montaje en pared o techo; diseñada para la creación de sistemas continuos; superficie con recubr. de pintura en polvo; elemento de luz anticaídas de perfil de alum. extruido insertable en el canal sin herramienta con un soporte magnético; luz acoplada lateralmente por cuerpo LGP (Light Guiding Prism) y reflector de alta eficiencia con direcc. hacia abajo; difusor de iluminación homogénea, satinado (a ras o sobresaliente) o microprismático de metacrilato; LEDs de alta eficiencia con muy buena reproducción cromática



DiiA® standards  
 251, 252, 253



single luminaire  
 (p. 500)



microprismatic  
 UGR ≤ 19



quick  
 installation

## Order options

<b>COLOUR TEMPERATURE</b>	☐☐
3000K	5
4000K	6

### CONTROL

DALI-2	
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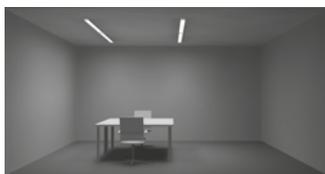
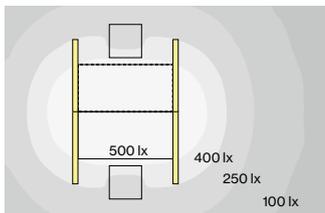
<b>MATERIAL COLOUR</b>	☑
☐ traffic white RAL 9016	7
● jet black RAL 9005	8

<b>LIGHT OPTIC COVER</b>	☑
opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

## Options on request

<b>COLOUR RENDERING INDEX</b>
CRI ≥ 90

## Technical data



LENO surface, microprismatic,  
19.1W, 4000K

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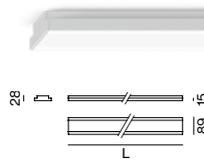
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## LENO surface

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TYPE	L (mm)	ORDER CODE
channel	613	05 1-892006 ☑
channel	1221	05 1-892012 ☑
channel	1830	05 1-892018 ☑
channel	2438	05 1-892024 ☑

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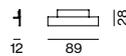
### LIGHT INSET

SYSTEM POWER	L (mm)	ORDER CODE
10.8W	612*	05 1-8112 ☑ 37 ☐
191W	1220	05 1-8214 ☑ 37 ☐
28.6W	1828	05 1-8216 ☑ 37 ☐
38W	2436	05 1-8218 ☑ 37 ☐

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## Accessories



### END CAPS

TYPE	ORDER CODE
end caps (pair)	05 1-899221 ☑



### LINEAR CONNECTOR

TYPE	ORDER CODE
linear connector (pair)	05 1-899211 0
linear connector (10 pairs)	05 1-899211 0.10

### POWER FEEDER CONNECTOR 220-240 V | 13A



TYPE	ORDER CODE
power feeder connector	05 1-899233 0



### DISMOUNTING TOOL

TYPE	ORDER CODE
vacuum cup	086-30000