



## LENO

semi-recessed

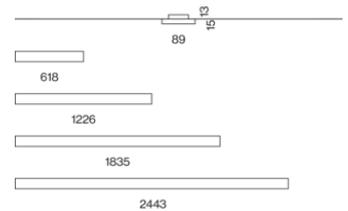
<sup>EN</sup> Low profile recessed mounted luminaire, 15 mm visible height; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; surface powder coated; fall-safe light inset made of extruded aluminium 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

<sup>ES</sup> Lámpara empotrable extremadamente plana con altura visible de 15 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; 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 reflectada 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 2,130 lm/m  
 hasta 140 lm/W  
 L90 / 50000 h  
 DALI-2  
 High Performance Opal, Jut-Out, Microprismatic  
 IP40, back IP20

### Types



### Color



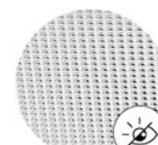
### Distribución luminosa



DiiA® standards  
251, 252, 253



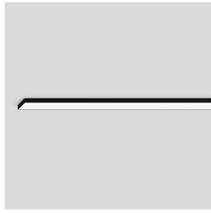
system solution



microprismatic  
UGR  $\leq$  19



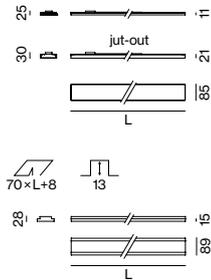
quick  
installation



## LENO semi-recessed



### MICROPRISMATIC CRI ≥ 80, DALI-2



SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	618 mm	3000 K	1160 lm	117 lm/W	0 5 1 - 8 5 1 2 5 3 <input checked="" type="checkbox"/> G
		4000 K	1230 lm	124 lm/W	0 5 1 - 8 5 1 2 6 3 <input checked="" type="checkbox"/> G
19.1 W	1226 mm	3000 K	2320 lm	121 lm/W	0 5 1 - 8 5 1 4 5 3 <input checked="" type="checkbox"/> G
		4000 K	2450 lm	128 lm/W	0 5 1 - 8 5 1 4 6 3 <input checked="" type="checkbox"/> G
28.6 W	1835 mm	3000 K	3480 lm	122 lm/W	0 5 1 - 8 5 1 6 5 3 <input checked="" type="checkbox"/> G
		4000 K	3680 lm	129 lm/W	0 5 1 - 8 5 1 6 6 3 <input checked="" type="checkbox"/> G
37.0 W	2443 mm	3000 K	4630 lm	125 lm/W	0 5 1 - 8 5 1 8 5 3 <input checked="" type="checkbox"/> G
		4000 K	4910 lm	133 lm/W	0 5 1 - 8 5 1 8 6 3 <input checked="" type="checkbox"/> G

### OPAL CRI ≥ 80, DALI-2

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	618 mm	3000 K	1220 lm	123 lm/W	0 5 1 - 8 5 1 2 5 3 <input checked="" type="checkbox"/> H
		4000 K	1300 lm	131 lm/W	0 5 1 - 8 5 1 2 6 3 <input checked="" type="checkbox"/> H
19.1 W	1226 mm	3000 K	2450 lm	128 lm/W	0 5 1 - 8 5 1 4 5 3 <input checked="" type="checkbox"/> H
		4000 K	2590 lm	136 lm/W	0 5 1 - 8 5 1 4 6 3 <input checked="" type="checkbox"/> H
28.6 W	1835 mm	3000 K	3670 lm	128 lm/W	0 5 1 - 8 5 1 6 5 3 <input checked="" type="checkbox"/> H
		4000 K	3890 lm	136 lm/W	0 5 1 - 8 5 1 6 6 3 <input checked="" type="checkbox"/> H
37.0 W	2443 mm	3000 K	4900 lm	132 lm/W	0 5 1 - 8 5 1 8 5 3 <input checked="" type="checkbox"/> H
		4000 K	5190 lm	140 lm/W	0 5 1 - 8 5 1 8 6 3 <input checked="" type="checkbox"/> H

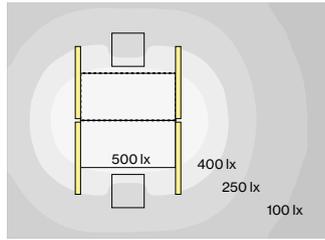
### OPAL JUT-OUT CRI ≥ 80, DALI-2

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	618 mm	3000 K	1170 lm	118 lm/W	0 5 1 - 8 5 1 2 5 3 <input checked="" type="checkbox"/> J
		4000 K	1240 lm	125 lm/W	0 5 1 - 8 5 1 2 6 3 <input checked="" type="checkbox"/> J
19.1 W	1226 mm	3000 K	2350 lm	123 lm/W	0 5 1 - 8 5 1 4 5 3 <input checked="" type="checkbox"/> J
		4000 K	2490 lm	130 lm/W	0 5 1 - 8 5 1 4 6 3 <input checked="" type="checkbox"/> J
28.6 W	1835 mm	3000 K	3520 lm	123 lm/W	0 5 1 - 8 5 1 6 5 3 <input checked="" type="checkbox"/> J
		4000 K	3730 lm	130 lm/W	0 5 1 - 8 5 1 6 6 3 <input checked="" type="checkbox"/> J
37.0 W	2443 mm	3000 K	4700 lm	127 lm/W	0 5 1 - 8 5 1 8 5 3 <input checked="" type="checkbox"/> J
		4000 K	4970 lm	134 lm/W	0 5 1 - 8 5 1 8 6 3 <input checked="" type="checkbox"/> J

## Order options

COLOUR	
pure white RAL 9010	<input checked="" type="checkbox"/> 7
jet black RAL 9005	<input checked="" type="checkbox"/> 8

## Planning Information



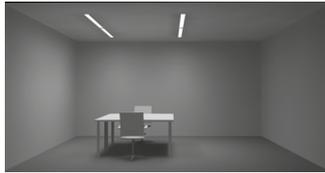
**LENO** semi-recessed, 19.1W, 4000K

### 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 ( $E_m$ )	> 500 lx
Uniformity ( $U_o$ )	> 0.6



### GLARE EVALUATION

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

## Mounting tools accessories (optional)

### DISMOUNTING TOOL

#### TYPE

vacuum cup

#### ORDER CODE

0 8 6 - 3 0 0 0 0

## Order options

### COLOUR

pure white RAL 9010	7	<input checked="" type="checkbox"/>
jet black RAL 9005	8	<input type="checkbox"/>