



## LENO

suspended

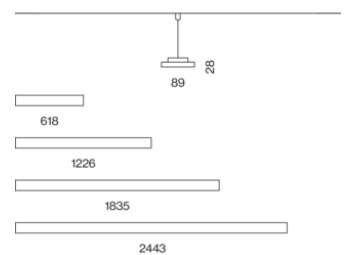
**EN** Low profile suspended luminaire, 28 mm total height; pendant fitting with cable suspension; with integrated toolless suspension height adjustment; incl. feeder cable; surface powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by 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

**DE** Extrem flache Pendelleuchte mit 28mm Gesamthöhe; abgependelt mit Seilabhängung; werkzeuglose Höhenverstellung an der Leuchte; inkl. Einspeiseleitung; Oberfläche pulverbeschichtet; absturzesicherter 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, satinierte (bündig oder herausragend) oder mikroprismatische Abdeckung aus PMMA; energieeffiziente LEDs mit sehr guter Farbwiedergabe

### Quickinfo

3000 K, 4000 K  
 CRI  $\geq 80$  / 3 SDCM  
 UGR  $\leq 19$   
 up to 2,130 lm/m  
 up to 137 lm/W  
 L90 / 50000 h  
 DALI-2  
 High Performance Opal, Jut-Out, Microprismatic  
 IP20

### Types



### Colour



### Light distributions



DiiA® standards  
 251, 252, 253



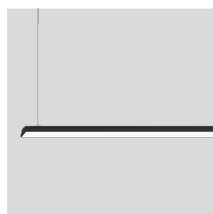
system solution



microprismatic  
 UGR  $\leq 19$



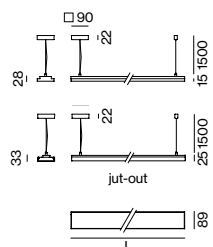
quick  
 installation



## LENO suspended



### MICROPRISMATIC (UGR ≤ 19) DALI-2, CRI ≥ 80



SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
10.8 W	618 mm	3000 K	1160 lm	107 lm/W	0 5 1 - 9 2 1 2 5 3 <input checked="" type="checkbox"/> G
		4000 K	1230 lm	114 lm/W	0 5 1 - 9 2 1 2 6 3 <input checked="" type="checkbox"/> G
19.1 W	1226 mm	3000 K	2320 lm	121 lm/W	0 5 1 - 9 2 1 4 5 3 <input checked="" type="checkbox"/> G
		4000 K	2450 lm	128 lm/W	0 5 1 - 9 2 1 4 6 3 <input checked="" type="checkbox"/> G
28.6 W	1835 mm	3000 K	3480 lm	122 lm/W	0 5 1 - 9 2 1 6 5 3 <input checked="" type="checkbox"/> G
		4000 K	3680 lm	129 lm/W	0 5 1 - 9 2 1 6 6 3 <input checked="" type="checkbox"/> G
38.0 W	2443 mm	3000 K	4630 lm	122 lm/W	0 5 1 - 9 2 1 8 5 3 <input checked="" type="checkbox"/> G
		4000 K	4910 lm	129 lm/W	0 5 1 - 9 2 1 8 6 3 <input checked="" type="checkbox"/> G

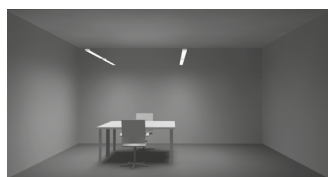
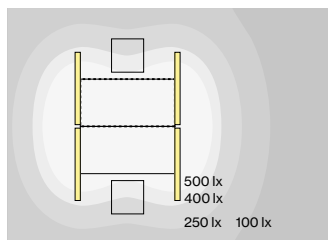
### OPAL DALI-2, CRI ≥ 80

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
10.8 W	618 mm	3000 K	1220 lm	113 lm/W	0 5 1 - 9 2 1 2 5 3 <input checked="" type="checkbox"/> H
		4000 K	1300 lm	120 lm/W	0 5 1 - 9 2 1 2 6 3 <input checked="" type="checkbox"/> H
19.1 W	1226 mm	3000 K	2450 lm	128 lm/W	0 5 1 - 9 2 1 4 5 3 <input checked="" type="checkbox"/> H
		4000 K	2590 lm	136 lm/W	0 5 1 - 9 2 1 4 6 3 <input checked="" type="checkbox"/> H
28.6 W	1835 mm	3000 K	3670 lm	128 lm/W	0 5 1 - 9 2 1 6 5 3 <input checked="" type="checkbox"/> H
		4000 K	3890 lm	136 lm/W	0 5 1 - 9 2 1 6 6 3 <input checked="" type="checkbox"/> H
38.0 W	2443 mm	3000 K	4900 lm	129 lm/W	0 5 1 - 9 2 1 8 5 3 <input checked="" type="checkbox"/> H
		4000 K	5190 lm	137 lm/W	0 5 1 - 9 2 1 8 6 3 <input checked="" type="checkbox"/> H

### OPAL JUT-OUT DALI-2, CRI ≥ 80

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
10.8 W	618 mm	3000 K	1170 lm	108 lm/W	0 5 1 - 9 2 1 2 5 3 <input checked="" type="checkbox"/> J
		4000 K	1240 lm	115 lm/W	0 5 1 - 9 2 1 2 6 3 <input checked="" type="checkbox"/> J
19.1 W	1226 mm	3000 K	2350 lm	123 lm/W	0 5 1 - 9 2 1 4 5 3 <input checked="" type="checkbox"/> J
		4000 K	2490 lm	130 lm/W	0 5 1 - 9 2 1 4 6 3 <input checked="" type="checkbox"/> J
28.6 W	1835 mm	3000 K	3520 lm	123 lm/W	0 5 1 - 9 2 1 6 5 3 <input checked="" type="checkbox"/> J
		4000 K	3730 lm	130 lm/W	0 5 1 - 9 2 1 6 6 3 <input checked="" type="checkbox"/> J
38.0 W	2443 mm	3000 K	4700 lm	124 lm/W	0 5 1 - 9 2 1 8 5 3 <input checked="" type="checkbox"/> J
		4000 K	4970 lm	131 lm/W	0 5 1 - 9 2 1 8 6 3 <input checked="" type="checkbox"/> J

## Planning Information



**LENO** suspended, 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
Mounting height	2.25 m

#### CALCULATION SURFACE .....

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance ( $E_m$ )	> 500 lx
Uniformity ( $U_0$ )	> 0.6

#### GLARE EVALUATION

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

## Order options

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

# Biologiezentrum Universität, Vienna

Austria

## Architect

Karsten Liebner, Marcel  
Backhaus

## Lighting Design

VASKO+PARTNER  
INGENIEURE  
Ziviltechniker für  
Bauwesen und  
Verfahrenstechnik  
GesmbH

## Photographer

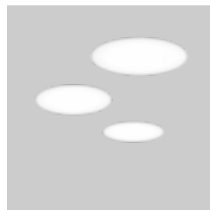
Bruno Klomfar  
Fotografie



## Used products



LENO suspended



COMBO trim























