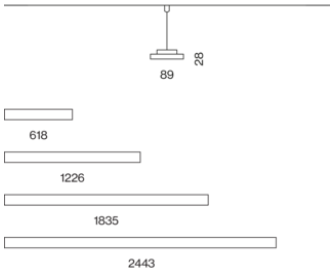


Quickinfo

3000 K, 4000 K
CRI ≥ 80 / 3 SDCM (initial MacAdam)
UGR ≤ 19
hasta 2.130 lm/m
hasta 140 lm/W
L85 / 50000 h
Difusor: Jut-Out, Microprismatic, Opal
DALI-2
IP20

Types



Colours

Distribución luminosa

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

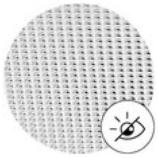
ES Lámpara suspendida extremadamente plana con altura total de 28 mm; suspendido con cable; regulación de la altura sin necesitar herramientas; incl. cable de alimentación; superficie con recubrimiento de pintura en polvo; elemento de luz asegurado contra caídas de perfil de aluminio extrusionado que 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 microprismática; LEDS de alta eficiencia que proporcionan una alta reproducción cromática



DiiA® standards 251, 252, 253



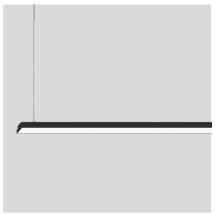
system solution

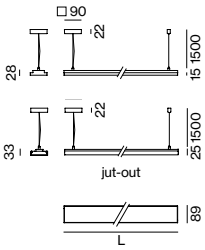


microprismatic UGR ≤ 19



quick installation





LENO SUSPENDED

CRI ≥ 80 · UGR ≤ 19 · 220-240 V · 1 ADDR. · X-PERT

MICROPRISMATIC (UGR ≤ 19) 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	051-921253◪G
		4000 K	1230 lm	124 lm/W	051-921263◪G
19.1 W	1226 mm	3000 K	2320 lm	121 lm/W	051-921453◪G
		4000 K	2450 lm	128 lm/W	051-921463◪G
28.6 W	1835 mm	3000 K	3480 lm	122 lm/W	051-921653◪G
		4000 K	3680 lm	129 lm/W	051-921663◪G
37.0 W	2443 mm	3000 K	4630 lm	125 lm/W	051-921853◪G
		4000 K	4910 lm	133 lm/W	051-921863◪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	051-921253◪H
		4000 K	1300 lm	131 lm/W	051-921263◪H
19.1 W	1226 mm	3000 K	2450 lm	128 lm/W	051-921453◪H
		4000 K	2590 lm	136 lm/W	051-921463◪H
28.6 W	1835 mm	3000 K	3670 lm	128 lm/W	051-921653◪H
		4000 K	3890 lm	136 lm/W	051-921663◪H
37.0 W	2443 mm	3000 K	4900 lm	132 lm/W	051-921853◪H
		4000 K	5190 lm	140 lm/W	051-921863◪H

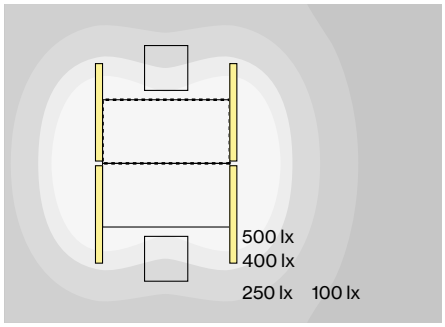
OPAL JUT-OUT CRI ≥ 80, DALI-2

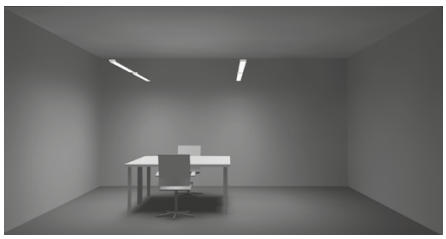
SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
9.9 W	618 mm	3000 K	1170 lm	118 lm/W	051-921253◪J
		4000 K	1240 lm	125 lm/W	051-921263◪J
19.1 W	1226 mm	3000 K	2350 lm	123 lm/W	051-921453◪J
		4000 K	2490 lm	130 lm/W	051-921463◪J
28.6 W	1835 mm	3000 K	3520 lm	123 lm/W	051-921653◪J
		4000 K	3730 lm	130 lm/W	051-921663◪J
37.0 W	2443 mm	3000 K	4700 lm	127 lm/W	051-921853◪J
		4000 K	4970 lm	134 lm/W	051-921863◪J

Order options

COLOUR ◪	
pure white RAL 9010	7
jet black RAL 9005	8

Planning Information





LENO suspended, microprismatic, 19.1 W, 4000 K

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

Biologiezentrum Universität, Vienna

Austria

Arquitecto
Karsten Liebner, Marcel Backhaus

Lighting Design
VASKO+PARTNER INGENIEURE Ziviltechniker für Bauwesen und Verfahrenstechnik GesmbH

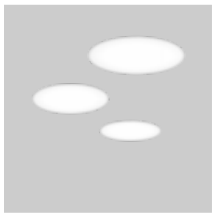
Fotografía
Bruno Klomfar Fotografie



Productos utilizados



LENO suspended



COMBO trim

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Entlehnung





