Description

EN Rectangular luminaire housing in aluminium; choice of angular design or with rounded edges; flat design luminaire housing; surface white powder coated; suspended luminaire with 1500 mm cable suspension; with integrated tool-less suspension height adjustment; incl. transparent feed; direct/indirect light distribution; side coupled light, directed up and down; light control via a specially made indirect diffuser; microprismatic PMMA cover; homogeneous illumination; same luminance for all size versions; UGR ≤ 19; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 3000 K and 4000 K; CRI ≥ 80; min. 90 % of the luminous flux after 50 000 hours; canopy with 2 cable openings and plug-in terminal for through wiring; degree of protection IP 20; PC I; photobiological safety according to IEC 62471 risk group 0; optionally non-dimmable, DALI-2 control or dimmable with integrated infrared presence and brightness sensor

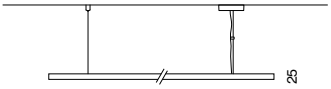
DE Rechteckiger Leuchtenkörper aus Aluminium; wahlweise kantige Ausführung oder mit abgerundeten Kanten; flache Bauform; Oberfläche weiß pulverbeschichtet; Pendelleuchte mit 1500 mm Seilabhängung; werkzeuglose Höhenverstellung an der Leuchte; inkl. transparenter Einspeiseleitung; direkt/indirekte Lichtverteilung; seitlich eingekoppeltes Licht nach oben und unten gelenkt; Lichtlenkung mittels speziell gefertigter indirekter Abdeckung; mikroprismatische PMMA-Abdeckung; homogene Ausleuchtung; gleiche Leuchtdichte bei allen Größenvarianten; UGR ≤ 19; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 3000 K und 4000 K; CRI ≥ 80; min. 90 % des Lichtstromes nach 50 000 h Lebensdauer; Baldachin mit 2 Kabelöffnungen und Steckklemme für Durchgangsverdrahtung; Schutzart IP 20; SK I; photobiologische Sicherheit gemäß IEC 62471 Risikogruppe 0; wahlweise nicht dimmbar, DALI-2 Steuerung oder dimmbar mit integriertem Infrarot Anwesenheits- und Helligkeitssensor

VILO
suspended

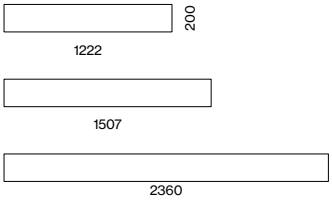
Quickinfo

3000 K, 4000 K
CRI ≥ 80
L90 @ 50 000 h
L 1222 up to ↧ 2700 / ↥ 3070 lm
L 1507 up to ↧ 3370 / ↥ 3840 lm
L 2360 up to ↧ 5380 / ↥ 6120 lm
non DIM, DALI-2
daylight & movement sensor
microprismatic (UGR ≤ 19)

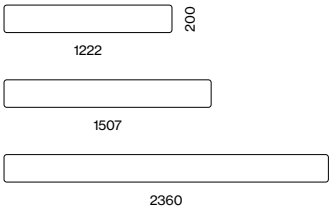
Types



VILO



VILO soft



Colour

Light distribution

IOT ready

Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6

CONTROL

non DIM	1
DALI-2	3
daylight & movement sensor	7

MATERIAL COLOUR

white

LIGHT OPTIC COVER

microprismatic (UGR ≤ 19)

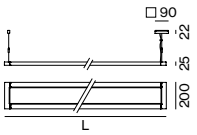
Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

SYSTEM SOLUTION

linear connector, etc.

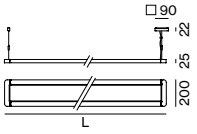


VILO suspended

UGR ≤ 19 | DALI 1 ADDR. | 220-240V

DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
38 W	3000 K	↧2550 / ↥2900 lm	1222	074-0244 :: ⇕ 7P
	4000 K	↧2700 / ↥3070 lm		
48 W	3000 K	↧3180 / ↥3630 lm	1507	074-0245 :: ⇕ 7P
	4000 K	↧3370 / ↥3840 lm		
76 W	3000 K	↧5100 / ↥5800 lm	2360	074-0248 :: ⇕ 7P
	4000 K	↧5380 / ↥6120 lm		



VILO soft suspended

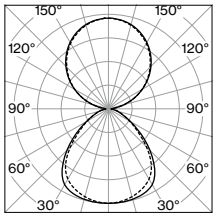
UGR ≤ 19 | DALI 1 ADDR. | 220-240V

DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
38 W	3000 K	↧2550 / ↥2900 lm	1222	074-1244 :: ⇕ 7P
	4000 K	↧2700 / ↥3070 lm		
48 W	3000 K	↧3180 / ↥3630 lm	1507	074-1245 :: ⇕ 7P
	4000 K	↧3370 / ↥3840 lm		
76 W	3000 K	↧5100 / ↥5800 lm	2360	074-1248 :: ⇕ 7P
	4000 K	↧5380 / ↥6120 lm		

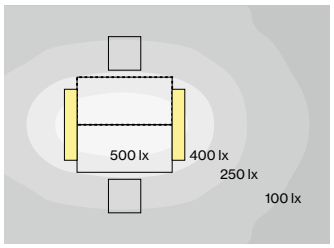
LIGHT DISTRIBUTION

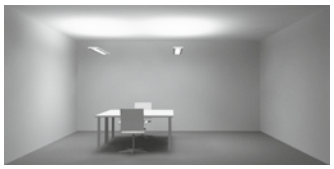
microprismatic



direct / indirect

Technical data





VILO suspended, 38 W, 4000 K, direct / indirect

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 | 0.5 | 0.2
Maintenance factor	0.8
Suspension height	2.25 m

CALCULATION SURFACE ·····

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

GLARE EVALUATION

Table Classification X=4H | Y=8H | S=0.25H

UGR transversal	< 16
UGR axial	< 16