



DESO

suspended

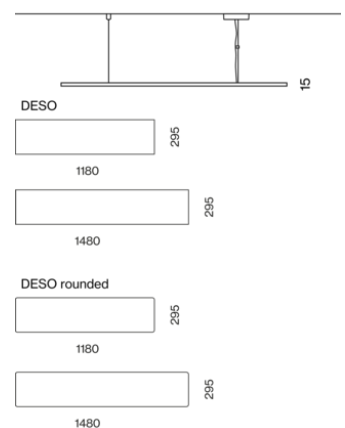
^{EN} Rectangular luminaire housing in aluminium; choice of angular design or with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; pendant fitting with cable suspension; with integrated toolless suspension height adjustment; incl. feed (white); electronic operating unit installed in the canopy; direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed up and down by laser engraving; direct component: microprismatic PMMA cover; indirect component covered with opal cover; homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy for through wiring

^{DE} Rechteckiger Leuchtenkörper aus Aluminium; wahlweise kantige Ausführung oder mit abgerundeten Kanten; extrem flache Bauform (nur 15 mm); Oberfläche pulverbeschichtet; abgependelt mit Seilabhängung; werkzeuglose Höhenverstellung an der Leuchte; inkl. Einspeiseleitung (weiß); elektronisches Betriebsgerät im Baldachin verbaut; direkt/indirekte Lichtverteilung durch LGP-Body (Light-Guiding-Prism); seitlich eingekoppeltes Licht durch Lasergravur nach oben und unten gelenkt; Direktanteil: Mikroprismatische PMMA-Abdeckung; Indirektlichtanteil mit opaler Abdeckung abgedeckt; homogene Ausleuchtung; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Baldachin für Weiterverdrahtung

Quickinfo

3000 K, 4000 K
CRI $\geq$ 80 / 3 SDCM
UGR $\leq$ 16
up to ↓ 3,920 lm / ↑ 3,800 lm
up to 5,380 lm/m
up to 131 lm/W
L80 / 50000 h, L90 / 50000 h
DALI-2
Microprismatic
IP20

Types



Colour



Light distributions



detail end caps



detail rounded end caps

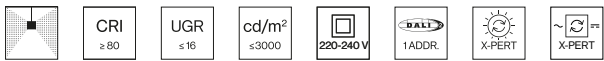


DIN EN 12464-1
UGR $\leq$ 19



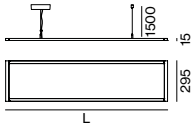
direct / indirect illumination

DESO suspended



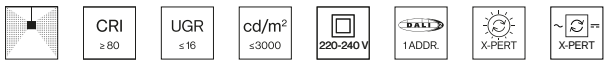
DIRECT / INDIRECT CRI ≥ 80, DALI-2, pure white

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
39.0 W	1180 mm	3000 K	↓2450/↑2380 lm	124 lm/W	0 7 4 - 2 2 4 4 5 3 7 P
		4000 K	↓2600/↑2510 lm	131 lm/W	0 7 4 - 2 2 4 4 6 3 7 P
64.0 W	1480 mm	3000 K	↓3700/↑3590 lm	114 lm/W	0 7 4 - 2 2 4 5 5 3 7 P
		4000 K	↓3920/↑3800 lm	121 lm/W	0 7 4 - 2 2 4 5 6 3 7 P



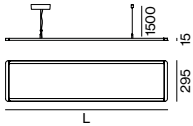
Canopy L×W×H (mm)
L 1180 112×112×35
L 1480 140×140×43

DESO rounded suspended



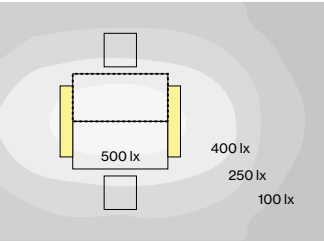
DIRECT / INDIRECT CRI ≥ 80, DALI-2, pure white

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
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Canopy L×W×H (mm)
L 1180 112×112×35
L 1480 140×140×43

Planning Information



DESO suspended, 39W, 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
≥ 65° ≤ 3000 cd/m²	

Order options

COLOUR
pure white RAL 9010

Highlight Towers

Germany

Lighting Design

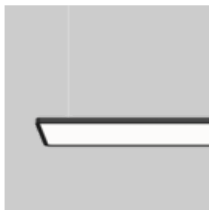
Lumen3 GbR

Photographer

Dominik M $\ddot{u}$ nich



Used products



TASK suspended



DESO suspended

