



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 tool-less 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. Einspeisung (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

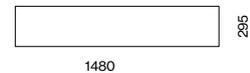
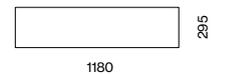
Quickinfo

3000 K, 4000 K
 CRI ≥ 80 , 3 SDCM
 UGR ≤ 19 / $65^\circ \leq 3000$ cd/m²
 up to 131lm/W
 L90 @ 50 000 h
 DALI-2
 microprismatic (UGR ≤ 19)

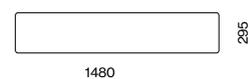
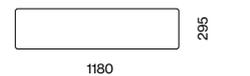
Types



DESO



DESO rounded



Colours



Light distribution



direct
indirect



detail
end caps



detail rounded
end caps



DIN EN 12464-1
UGR ≤ 19



direct/indirect
illumination

Order options

COLOUR TEMPERATURE	••
3000K	5
4000K	6

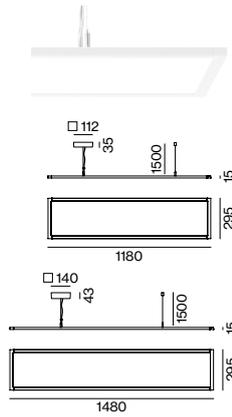
CONTROL
DALI-2

MATERIAL COLOUR
○ pure white RAL 9010

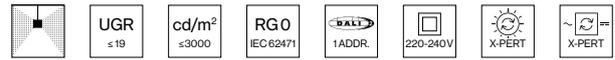
LIGHT OPTIC COVER
microprismatic (UGR ≤ 19)

Options on request

CONTROL
non DIM
ESSENTIAL sensor
(brightness & presence)

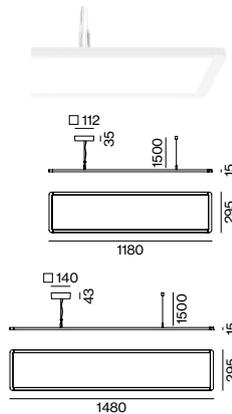


DESO suspended

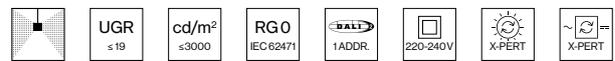


DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
39W	3000K	↓ 2750 / ± 2090lm	1180	0 7 4 - 2 2 4 4 •• 3 7 P
	4000K	↓ 2910 / ± 2210lm		
64W	3000K	↓ 3360 / ± 2540lm	1480	0 7 4 - 2 2 4 5 •• 3 7 P
	4000K	↓ 4400 / ± 3340lm		



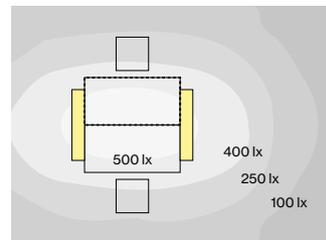
DESO rounded suspended



DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
39W	3000K	↓ 2750 / ± 2090lm	1180	0 7 4 - 3 2 4 4 •• 3 7 P
	4000K	↓ 2910 / ± 2210lm		
64W	3000K	↓ 3360 / ± 2540lm	1480	0 7 4 - 3 2 4 5 •• 3 7 P
	4000K	↓ 4400 / ± 3340lm		

Technical data



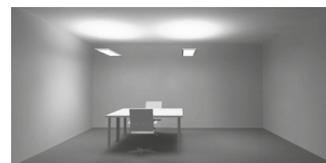
DESO suspended, 39W, 4000K, direct/indirect

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

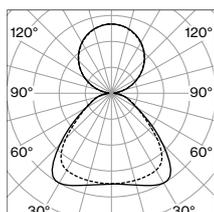
Surface dimensions	1.6 × 0.8 m
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION

Table Classification	X=4H Y=8H S=0.25H
UGR transversal	≤ 16
UGR axial	≤ 16
≥ 65° ≤ 3000 cd/m²	

Light distribution



microprismatic
direct/indirect

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover microprismatic