



## 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

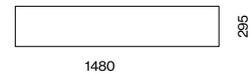
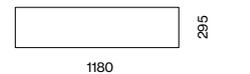
### Quickinfo

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

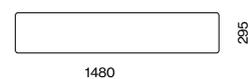
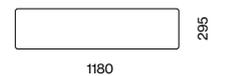
### Types



DESO



DESO rounded



### Colours



### Light distribution



direct  
indirect



detail  
end caps



detail rounded  
end caps



DIN EN 12464-1  
UGR  $\leq 19$



direct/indirect  
illumination

### Order options

<b>COLOUR TEMPERATURE</b>	••
3000K	5
4000K	6

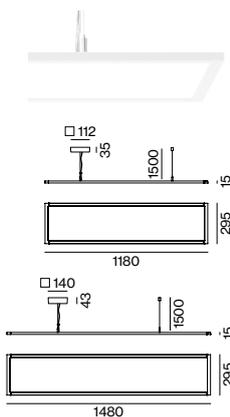
**CONTROL**  
DALI-2

**MATERIAL COLOUR**  
○ pure white RAL 9010

**LIGHT OPTIC COVER**  
microprismatic (UGR ≤ 19)

### Options on request

**CONTROL**  
non DIM  
ESSENTIAL sensor  
(brightness & presence)

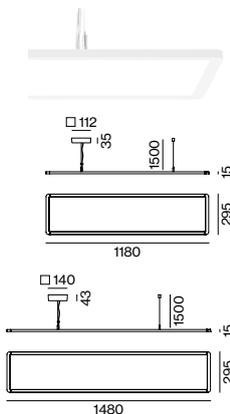


### DESO suspended

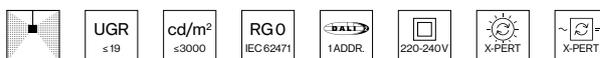


#### DIRECT / INDIRECT

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		



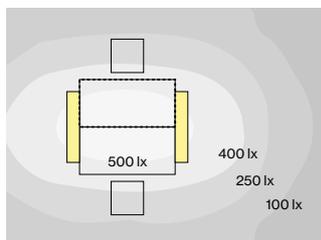
### DESO rounded suspended



#### 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



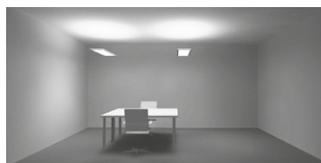
**DESO** suspended, 39W, 4000K, direct/indirect

**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** .....

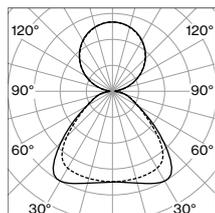
Surface dimensions	1.6 × 0.8 m
Surface height	0.75 m
Average illuminance (E <sub>m</sub> )	> 500 lx
Uniformity (U <sub>0</sub> )	> 0.6



**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