



## DESO

suspended

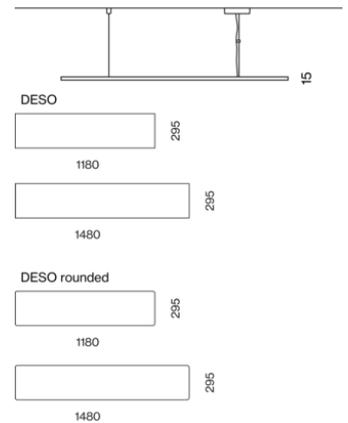
**EN** Rectangular luminaire housing in aluminium; choice of angular design or with rounded edges; ultra low-profile design (only 15mm); surface powder coated; pendant fitting with cable suspension; with integrated toolless suspension height adjustment; incl. feed (white); electronic operating unit installed 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

**FR** Corps de luminaire rectangulaire en aluminium ; au choix version à bords en arête ou à bords arrondis ; forme extrêm. plate (15mm seulement) ; surface thermolaquée ; suspension par câble ; réglage en hauteur sans outil au luminaire ; câble d'alimentation inclus (blanche) ; disp. électronique d'alimentation intégré au cache-piton ; distribution de lumière directe/indirecte par LGP-Body (Light Guiding Prism) ; lumière couplée latéralement par gravure laser, dirigée vers le haut et le bas ; Partie directe : cache PMMA microprismatique ; partie indirecte recouverte avec cache opale ; éclairage homogène ; LED économes en énergie à restitution de couleur élevée ; cache-piton pour câblage continu

### Quickinfo

3000 K, 4000 K  
 CRI ≥ 80 / 3 SDCM (initial MacAdam)  
 UGR ≤ 16  
 jusqu'à ↓ 3,970 lm / ↑ 3,950 lm  
 jusqu'à 5,520 lm/m  
 jusqu'à 127 lm/W  
 L90 / 50000 h  
 DALI-2  
 Microprismatic  
 IP20

### Types



### Couleur



### Répartition de la lumière



detail end caps



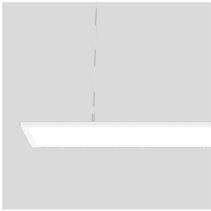
detail rounded end caps



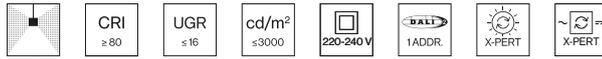
DIN EN 12464-1  
 UGR ≤ 19



direct / indirect illumination

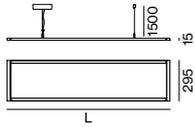


### DESO suspended

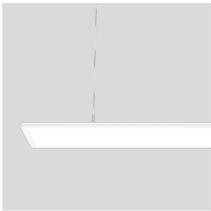


#### DIRECT / INDIRECT pure white, CRI ≥ 80, DALI-2

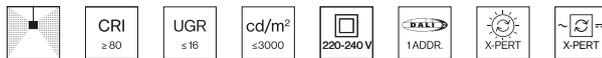
SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
38.0 W	1180 mm	3000 K	↓2330/↑2310 lm	122 lm/W	0 7 4 - 2 2 4 4 5 3 7 P
		4000 K	↓2420/↑2410 lm	127 lm/W	0 7 4 - 2 2 4 4 6 3 7 P
63.0 W	1480 mm	3000 K	↓3810/↑3800 lm	121 lm/W	0 7 4 - 2 2 4 5 5 3 7 P
		4000 K	↓3970/↑3950 lm	126 lm/W	0 7 4 - 2 2 4 5 6 3 7 P



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

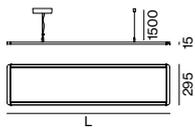


### DESO rounded suspended



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

SYSTEM	LENGTH	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
38.0 W	1180 mm	3000 K	↓2330/↑2310 lm	122 lm/W	0 7 4 - 3 2 4 4 5 3 7 P
		4000 K	↓2420/↑2410 lm	127 lm/W	0 7 4 - 3 2 4 4 6 3 7 P
63.0 W	1480 mm	3000 K	↓3810/↑3800 lm	121 lm/W	0 7 4 - 3 2 4 5 5 3 7 P
		4000 K	↓3970/↑3950 lm	126 lm/W	0 7 4 - 3 2 4 5 6 3 7 P



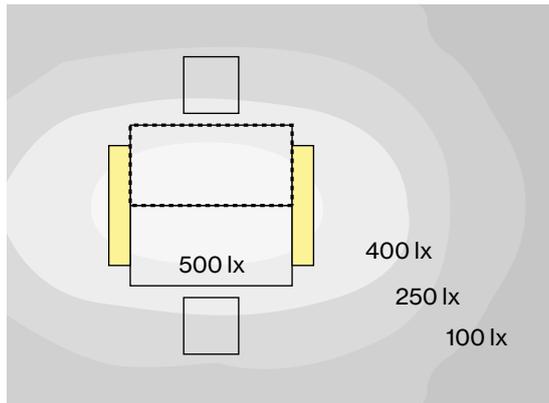
**Canopy L×W×H (mm)**  
 L 1180 112×112×35  
 L 1480 140×140×43

#### Order options

**COLOUR**  
 pure white

RAL 9010

## Planning Information



**DESO** suspended, 39 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
	≥ 65° ≤ 3000 cd/m <sup>2</sup>

# Highlight Towers

Allemagne

## Lighting Design

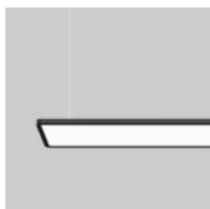
Lumen3 GbR

## Photographe

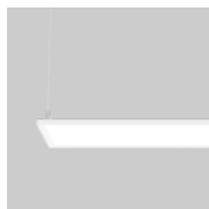
Dominik Munich



## Produits utilisés



**TASK suspended**



**DESO suspended**

