



DESO

suspended

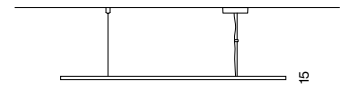
EN Rectangular luminaire housing in aluminium; choice of angular design or with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. feed (white); electronic operating unit installed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

ES Cuerpo de luminaria rectangular de aluminio; disponible en variante angular o de bordes redondeados; perfil extraplano (solo 15 mm); superficie con recubrimiento de pintura en polvo; suspensión por cable; altura regulable sin herramienta; incl. cable de alimentación (blanco); driver integrado en remate de techo; distribución de luz directa/indirecta por cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia arriba/abajo por un grabado láser; componente directa con difusor microprismático de metalcitrato; componente indirecta cuenta con difusor opal; iluminación homogénea; LEDs de alta eficiencia con muy buena reproducción cromática; remate de techo para cableado

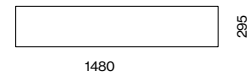
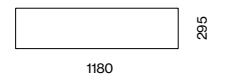
Quickinfo

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

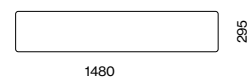
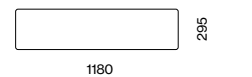
Types



DESO



DESO rounded



Colours



Light distribution



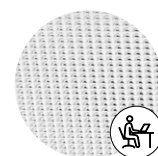
direct
indirect



detail
end caps



detail rounded
end caps



DIN EN 12464-1
UGR \leq 19



direct/indirect
illumination

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

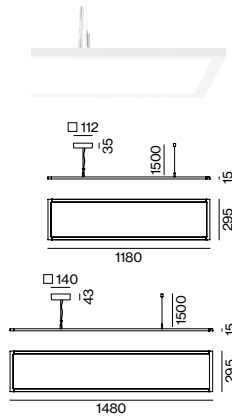
CONTROL
DALI-2

MATERIAL COLOUR
<input type="radio"/> pure white RAL 9010

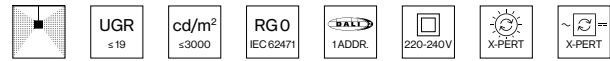
LIGHT OPTIC COVER
microprismatic (UGR ≤ 19)

Options on request

CONTROL
non DIM
ESSENTIAL sensor
(brightness & presence)

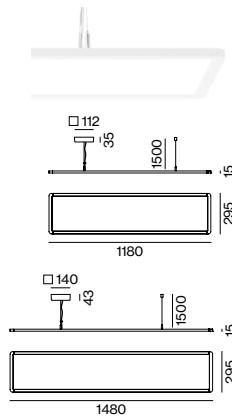


DESO suspended

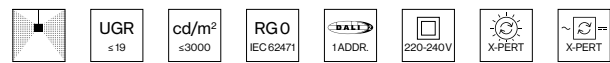


DIRECT / INDIRECT

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		



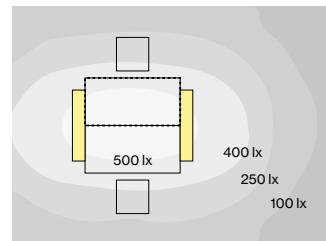
DESO rounded suspended



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		

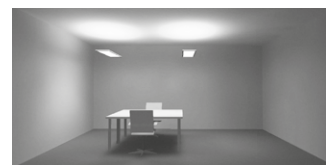
Technical data



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

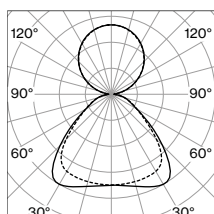
ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25 m

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