



reddot award 2015
winner



DESIGN
AWARD
2015



TASK

suspended

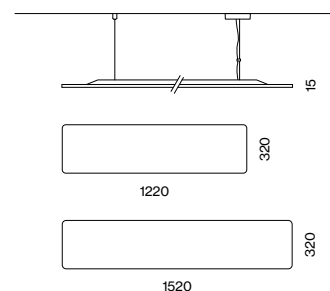
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; 1500 mm cable suspension, tool-less height adjustment; incl. transparent feed; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

ES Cuerpo de luminaria rectangular de aluminio con cantos redondeados; perfil extra plano (sólo 15 mm); superficie con recubrimiento de pintura en polvo; suspens. cable de 1500 mm con altura regul. sin herram.; incluido cable de alimentación transparente; distribución de luz directa a través de cuerpo LGP (Light Guiding Prism); la luz acoplada lateralmente se orienta hacia abajo por medio de un grabado por láser; proporción indirecta con pletinas propias para un flujo luminoso aumentado y una iluminación máxima del techo; iluminación homogénea; LEDS de alta eficiencia que proporcionan una alta reproducción cromática; baldaquino con abertura de 2 orificios para integrar el cableado y sencilla conexión

Quickinfo

3000 K, 4000 K, TW
CRI ≥ 90 , 3 SDCM
UGR ≤ 19 / $65^\circ \leq 3000 \text{ cd/m}^2$
up to 129 lm/W
L80 @ 50 000 h
DALI-2
microprismatic (UGR ≤ 19)
IP 40

Types



Colours



standard



xal.com/colours

Light distribution

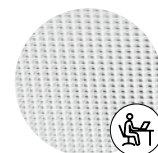


direct
indirect



Data
Monitoring

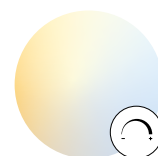
DiiA® standards
251, 252, 253



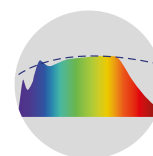
DIN EN 12464-1
UGR ≤ 19



direct/indirect
illumination



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

Order options

SUSPENSION

cable 1500 mm

COLOUR TEMPERATURE

3000 K 0

4000 K 1

tunable white 2700–6500 K*

*DALI-2 DT8; CRI ≥ 80

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010 7

● jet black RAL 9005 8

special colours* p. 992 X

*canopy always in white

LIGHT OPTIC COVER

microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 80

CRI ≥ 98 XPECTRUM

CONTROL

ESSENTIAL sensor
(brightness & presence)

TASK 1200 suspended



CRI
≥ 90

UGR
≤ 19

cd/m²
≤ 3000

RG0
IEC 62471

DALI
1ADDR

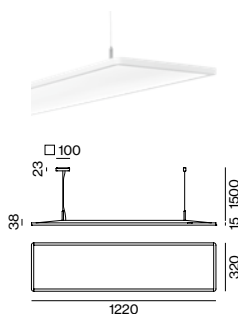
220-240V

X-PERT

X-PERT

DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
50 W	3000 K	↓ 3890 / ↑ 2180 lm	0 5 9 - 2 2 2 4 :: 3 K
	4000 K	↓ 4140 / ↑ 2320 lm	
52 W	2700–6500 K	↓ 3620 / ↑ 2100 lm	0 5 9 - 2 2 2 4 D 3 K



TASK 1500 suspended



CRI
≥ 90

UGR
≤ 19

cd/m²
≤ 3000

RG0
IEC 62471

DALI
1ADDR

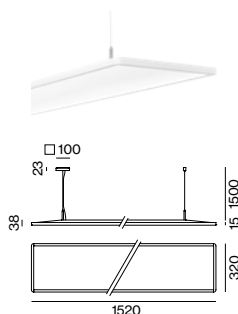
220-240V

X-PERT

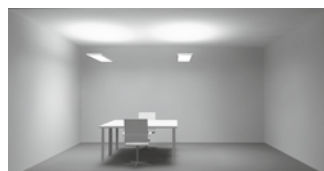
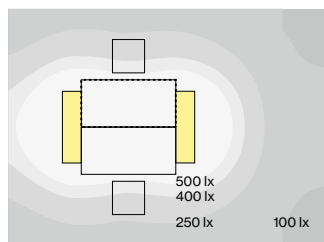
X-PERT

DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
63 W	3000 K	↓ 4860 / ↑ 2720 lm	0 5 9 - 2 2 2 5 :: 3 K
	4000 K	↓ 5170 / ↑ 2900 lm	
64 W	2700–6500 K	↓ 4530 / ↑ 2630 lm	0 5 9 - 2 2 2 5 D 3 K



Technical data



TASK 1200 suspended

50 W, 4000 K, direct/indirect power

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

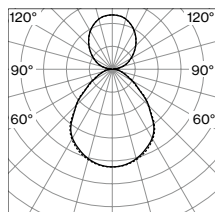
CALCULATION SURFACE

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	≤ 19
UGR axial	≤ 19
≥ 65° ≤ 3000 cd/m ²	

Light distribution



microprismatic
direct/indirect power

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover microprismatic