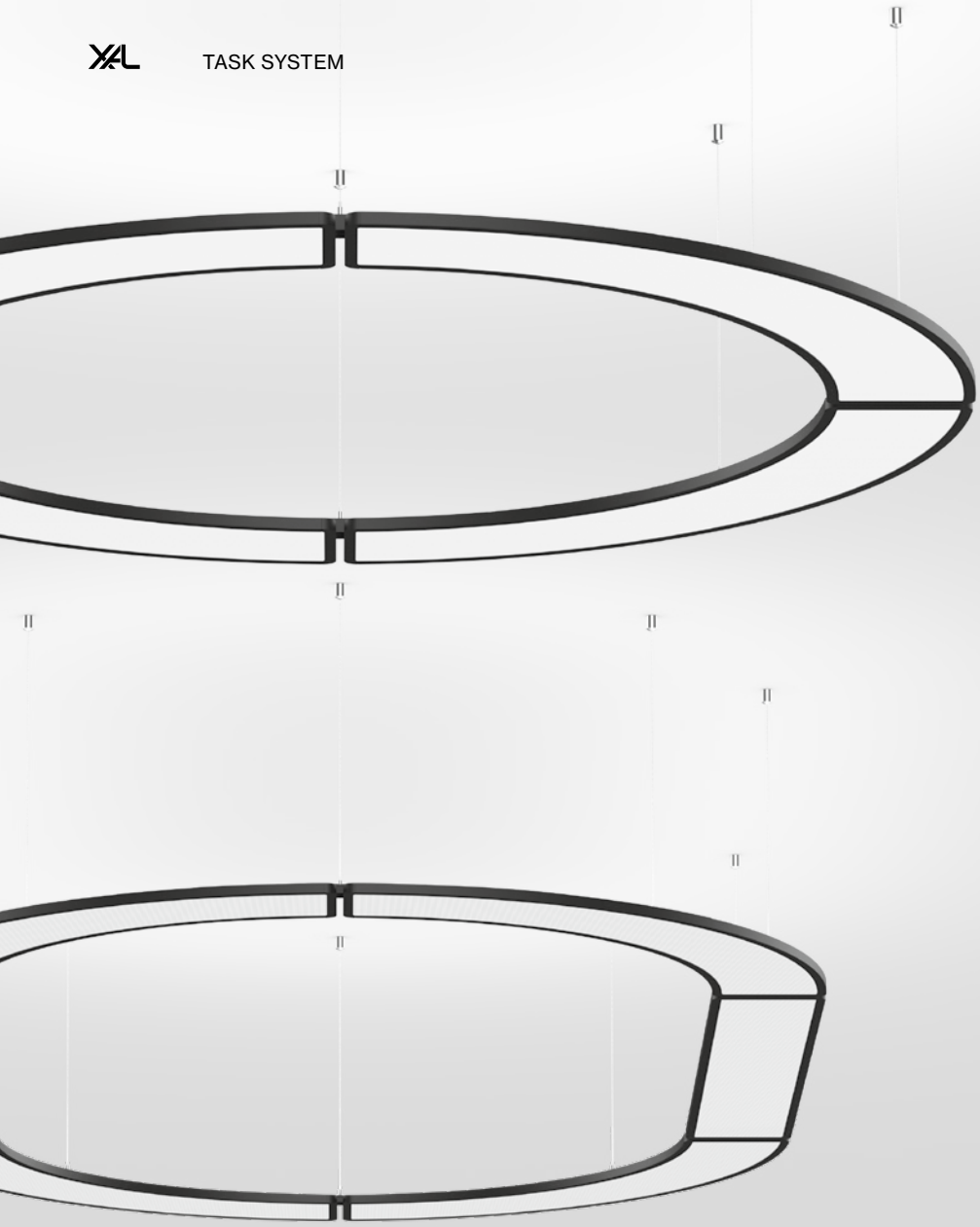


GERMAN DESIGN AWARD WINNER 2019

reddot award 2018 winner

TASK circle

suspended

EN Ring-shaped suspended luminaire, consisting of single elements in quarter circle or rectangular shape; Luminaire housing made of aluminium – rounded edges; ultra low-profile design (only 15 mm); surface powder coated; cable suspension, tool-less height adjustment; convenient quick mounting system without tools; 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-eff. LEDs – very good colour rendering; canopy for through wiring; optional acoustic elements available

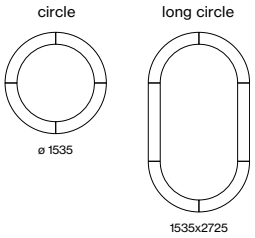
IT Corpo illuminante a sospensione di forma circolare, composto da singoli elementi in un quarto di cerchio o in una forma rettangolare; Corpo illuminante in alluminio – bordi arrotondati; forma ultrapiatta (solo 15 mm); verniciatura a polvere; cavo regolabile in altezza senza attrezzi; pratico sistema di montaggio rapido senza utensili; incl. cavo di alimentazione trasparente; distribuzione della luce diretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente e direzionata in basso tramite incisione laser; percentuale indiretta con piastre a flusso luminoso potenziato e massima illuminazione del soffitto; illuminazione assolutamente omogenea; LED a risp. energ. – ottima resa cromatica; rosone per cablaggio passante; in opzione elementi acustici disponibile

Quickinfo

4000 K
CRI ≥ 90, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 117 lm/W
L95 @ 50 000 h
DALI-2
microprismatic (UGR ≤ 19)

acoustic elements
PET felt
♻ from recycled material
up to absorption class A
available as B-s1, d0

Types



Luminaire colours



Acoustic colours



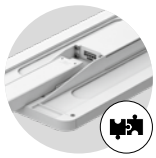
standard xal.com/acoustic-colours

Light distribution

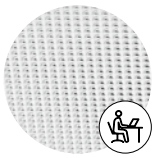




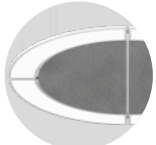
DiiA® standards
251, 252, 253



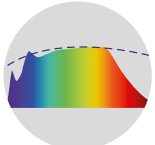
click-system



DIN EN 12464-1
UGR ≤ 19



acoustic elements



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE
4000 K

CONTROL
DALI-2

LUMINAIRE COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

ACOUSTIC COLOUR

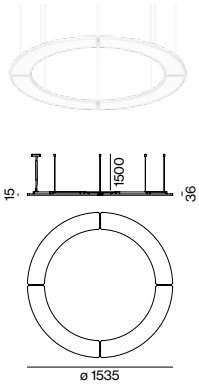
○ white	W
○ marble grey	D
● felt grey	G
● black	L
special colours ➔ p. 992	X

LIGHT OPTIC COVER
microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX
CRI ≥ 80
CRI ≥ 98 XPECTRUM

FORM
for other configurations see
TASK S suspended system

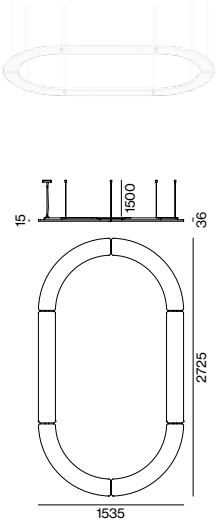


TASK circle suspended

CRI ≥ 90 | UGR ≤ 19 | 1 ADDR. | 220-240 V | X-PERT | X-PERT

DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
169 W	4000 K	↧ 12900 / ↥ 6870 lm	059-528113 K



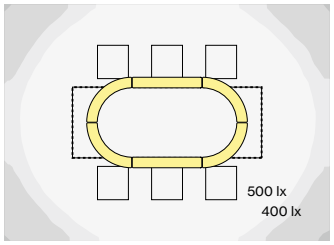
TASK long circle suspended

CRI ≥ 90 | UGR ≤ 19 | 1 ADDR. | 220-240 V | X-PERT | X-PERT

DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
252 W	4000 K	↧ 20200 / ↥ 10460 lm	059-528213 K

Technical data





TASK long circle
252 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

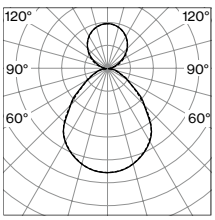
CALCULATION SURFACE

Surface dimensions	3.2 × 1.2 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

Light distribution



microprismatic
direct / indirect power

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

Acoustic elements

TASK ACOUSTIC inlay

	TYPE	L-W-H (mm)	ORDER CODE
1	TASK circle suspended	1155·1155·30	059-579736
2	TASK long circle suspended	1155·2346·30	059-579738

