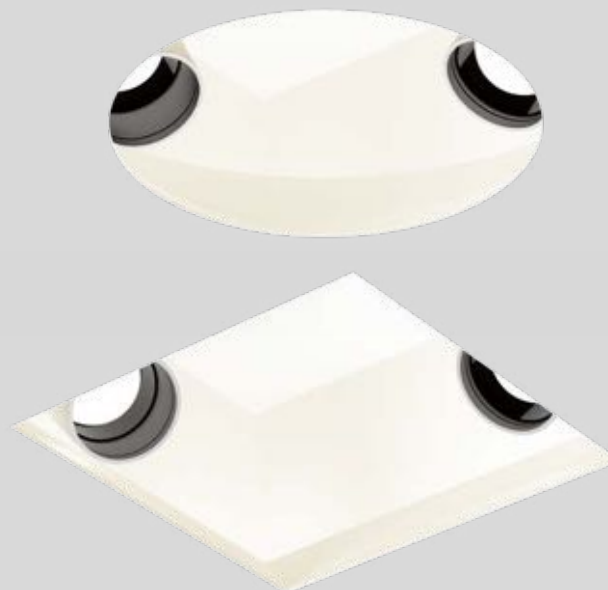


CAVO

round / square trimless

xal.com/cavo



Quickinfo

GENERAL

recessed trimless

IP20

patented

LED

up to 74 lm/W

3000 K

CRI ≥ 90

ESTIMATED LED LIFETIME

L80/50000 h

OPTICAL

direct illumination

beam angle 6°, 14°, 23°, 17–43°

ELECTRICAL

220–240 V

non DIM, DIM DALI

PHYSICAL

aluminium, gypsum

powder-coated

housing: glow, no glow

Description

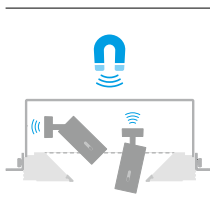
DE Einbaugehäuse aus Stahlblech für randlosen Einbau in Gipskartondecken, Unterseite aus aluminiumverstärktem Gips; wahlweise mit rundem oder quadratischem Ausschnitt; kein Ausbrechen der Kanten; bis zu 3 zylindrische Strahlerköpfe mittels Magnethalter werkzeuglos einsetzbar; einfacher elektrischer Anschluss der Strahler durch verpolungssichere Plug&Play Verbindung; Strahlerkopf 360° dreh- und 90° schwenkbar; Oberfläche weiß oder schwarz pulverbeschichtet; optional: Indirektlichtanteil im Gehäuse mittels DALI stufenlos dimmbar; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; mit COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in der Lichtfarbe 3000 K; CRI ≥ 90; min. 80% des Lichtstromes nach 50 000 h Lebensdauer gute Entblendung durch zurückversetzte Lichtpunktebene; inkl. hochwertiger Linsenoptik; präzise Abstrahlcharakteristik mit verschiedenen Ausstrahlwinkeln; Schutzart IP20; SK II; Hot Plug-Schutz; optional nicht dimmbar; flimmerfreier Sehkomfort durch analoge Stromstärkenregelung (Minimalwert 1%)

EN Recessed housing made of pressed steel sheet for flush installation in plasterboard ceilings, underside of aluminium-reinforced plaster; alternatively with round or square cut-out; no break-out of edges; up to 3 cylindrical spotlight heads can be installed without tools by means of magnetic holders; simple electrical connection of the spotlights due to non-reversible plug and play connection; spotlight head rotates 360° and tilts 90°; surface powder coated in white or black; optionally: indirect light component in housing continuously adjustable dimming via DALI; passive cooling of LEDs with optimised heat sink geometry; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colour 3000 K; CRI ≥ 90; min. 80% of the luminous flux after 50 000 hours; good glare reduction due to recessed light point plane; incl. high quality lens system; precise radiation characteristics with different beam angles; protection class IP20; PC II; hot plug protection; optional non-dimmable; flicker-free visual comfort through analogue current control (minimum value 1%)

Features

CAVO system
trimless

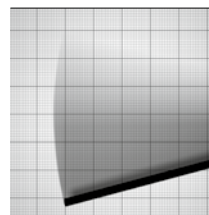
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magnetic holders for
tool-free mounting



hot plug safe



flicker-free dimming
(minimum value of 1%)



optical accessories
(maximum 1 piece)

Standard configuration

COLOUR TEMPERATURE

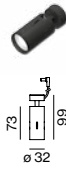
3000K

CONTROL ▼
DIM DALI 3

MATERIAL COLOUR ■
white 7
black 8



BEAM ANGLE ▲
medium 23° M



JUST 32 FOCUS 17–43°



SYSTEM POWER **COLOUR TEMP.** **LUMINOUS FLUX** **ORDER CODE**
5 W 3000K 250lm 0 4 9 - 8 2 1 1 5 3 ■
max. 3 spotlights

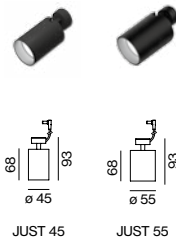
LIGHT DISTRIBUTION

min. angle 17°			max. angle 43°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	1561	0,30	1	449	0,80
2	390	0,59	2	112	1,59
3	173	0,89	3	49	2,39
4	97	1,19	4	28	3,18
5	62	1,49	5	17	3,98

Extended configuration

CONTROL ▼
non DIM 1

BEAM ANGLE ▲
super spot 6° (only 9W) V
spot 14° S



JUST 45 / 55



JUST 45
SYSTEM POWER **COLOUR TEMP.** **LUMINOUS FLUX** **ORDER CODE**
10 W 3000K 670lm 0 4 9 - 8 3 0 2 5 3 ■ M
max. 3 spotlights

JUST 55
SYSTEM POWER **COLOUR TEMP.** **LUMINOUS FLUX** **ORDER CODE**
9 W 3000K 600lm 0 4 9 - 8 4 0 0 5 3 ■ V
16 W 3000K 1170lm 0 4 9 - 8 4 0 0 5 3 ■ ▲
max. 1 spotlight 16W + 1 spotlight 9W

LIGHT DISTRIBUTION

JUST45 medium 23°			JUST 55 spot 14°			JUST 55 medium 23°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	3387	0,40	1	10212	0,25	1	4449	0,40
2	846	0,81	2	2553	0,50	2	1112	0,80
3	376	1,21	3	1134	0,76	3	494	1,21
4	211	1,61	4	638	1,01	4	278	1,61
5	135	2,02	5	408	1,26	5	177	2,01

Options on request

COLOUR TEMPERATURE

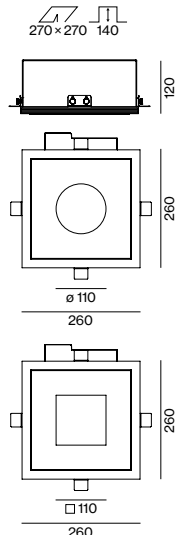
1800–3000K CWD

CONTROL
ZigBee 3.0

REFLECTOR
super spot 8°

OPTICAL ACCESSORIES

elliptical sculpture foil
snoot
colour filter (red, blue, green, etc.)
only for JUST 32 FOCUS



Mounting accessories

MOUNTING HOUSING 1 DALI address, max. 30W
for trimless installation in plasterboard ceilings 8-25 mm, \blacksquare 4,5 kg

TYPE **L-W-H (mm)** **ORDER CODE**
round 260-260-120 0 4 9 - 8 8 0 3 0 ■ ▼
square 260-260-120 0 4 9 - 8 8 1 3 0 ■ ▼

incl. power supply 220–240 V AC, 50–60 Hz, ENEC approved

MOUNTING HOUSING WITH GLOWING (3000K) 2 DALI addr., max. 30W
for trimless installation in plasterboard ceilings 8-25 mm, \blacksquare 4,5 kg

TYPE **L-W-H (mm)** **ORDER CODE**
round 260-260-120 0 4 9 - 8 8 2 3 5 ■ 7
square 260-260-120 0 4 9 - 8 8 3 3 5 ■ 7

incl. power supply 220–240 V AC, 50–60 Hz, ENEC approved

Optical accessories

HONEYCOMB LOUVER

TYPE **Ø-H (mm)** **ORDER CODE**
JUST 32 FOCUS 30-4 0 0 7 - 1 9 6 5 1 6 8
JUST 45 42-3 0 0 7 - 1 9 6 5 1 8 8
JUST 55 50-3 0 0 7 - 1 9 6 5 1 9 8

Inspiration

Private Residence
Graz, Austria

ARCHITECT
GSarchitects
Graz, Austria

PRODUCT
CAVO round
JUST 55





Inspiration

Art Gallery
Visualisation

PRODUCT
CAVO square
JUST 45



