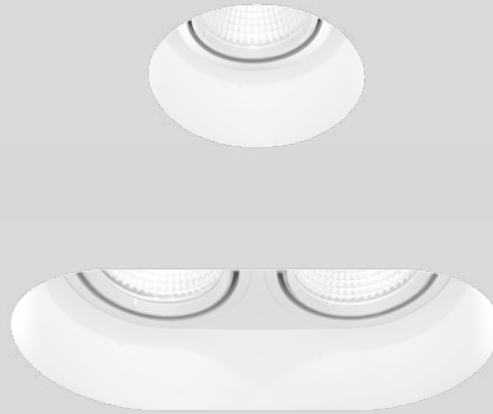


INVISIBLE 80

round trimless

xal.com/invisible



Quickinfo

GENERAL

recessed
IP20, IP44
plasterboard ceilings only

LED

COB LED module
up to 86lm/W
2700K, 3000K, 4000K, CWD
CRI ≥ 90
Binning initial ≤ 3 MacAdam

ESTIMATED LED LIFETIME

L80/50000h

OPTICAL

direct illumination
beam angle 6°, 27°, 37°
optical accessories

ELECTRICAL

non DIM, DIM DALI

PHYSICAL

gypsum housing
aluminium inset
powder-coated

Description

DE Einbaugehäuse aus Gips (überstreichbar); für randlosen Einbau in Gipskartondecken; runde Innenkontur; geeignet für Deckenstärken von 10-25mm; ruhiges Deckenbild durch zurückversetzte Leuchtenebene; ein oder zwei Strahler (SASSO) werkzeuglos einsetzbar durch Kugelschnappsystem; 360° dreh- und 35° schwenkbar; Oberfläche weiß, silbergrau oder schwarz pulverbeschichtet; optische Aufsätze sind als Zubehör erhältlich; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 2700K, 3000K und 4000K; optional mit CWD (Colour Warm Dimming); CRI ≥ 90; min. 80% des Lichtstromes nach 50000h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20 oder IP44; SK II; optional DALI-dimmbar

EN Recessed housing made of plaster (paintable); for trimless installation in plasterboard ceilings; round inner contour; suitable for ceiling thickness of 10-25mm; uncluttered ceiling look through recessed lighting level; one or two spotlights (SASSO), installation with ball catch system, without tools; 360° rotatable and 35° tiltable; surface white, silver-grey or black powder coated; optical attachments available as accessories; 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 colours 2700K, 3000K and 4000K; optional with CWD (Colour Warm Dimming); CRI ≥ 90; min. 80% of the luminous flux after 50000 hours; high quality reflector with spherical facet finish; precise radiation characteristic with two different beam angles; installed and exchanged without tools; protection class IP20 or IP44; PC II; optional DALI dimmable

Features



exchangeable light engine



patented ball catch system



skimmed into plasterboard ceiling (trimless)

Standard configuration

COLOUR TEMPERATURE **5**
 3000K

CONTROL **1**
 non DIM

MATERIAL COLOUR **7**
 white



REFLECTOR **F**
 flood 37°

Extended configuration

COLOUR TEMPERATURE **4**
 2700K
6
 4000K

CONTROL **3**
 DIM DALI

MATERIAL COLOUR **G**
 silver-grey
8
 black



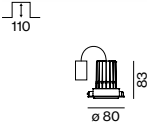
+5% surcharges

REFLECTOR **M**
 medium 27°

LENS **V**
 super spot 6° (only 8W non DIM)

Options on request

CONTROL
 phase-cut DIM



INSET SASSO 80 flush



SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
8W	2700K 3000K 4000K	630lm 660lm 700lm	0 4 8 - 2 3 1 0 :: 1
10W CWD	1800-3000K (CRI ≥ 95)	500lm	0 4 8 - 2 3 1 0 0 3 M
12W	2700K 3000K 4000K	950lm 980lm 1050lm	0 4 8 - 2 3 1 2 ::
12W IP44	3000K	980lm	8 4 8 - 2 3 1 2 5 7 F

LIGHT DISTRIBUTION for 12W, 3000K

super spot 6° (8W)			medium 27°			flood 37°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	21750	ø0,11	1	2534	ø0,48	1	1826	ø0,68
2	5437	ø0,21	2	633	ø0,96	2	456	ø1,36
3	2416	ø0,32	3	281	ø1,44	3	202	ø2,03
4	1359	ø0,43	4	158	ø1,92	4	114	ø2,71
5	870	ø0,53	5	101	ø2,40	5	73	ø3,39

Optical accessories

TYPE	ORDER CODE
honeycomb louver	0 4 8 - 2 0 9 1 3 1
linear prismatic lens	0 4 8 - 2 0 9 2 3 1
snoot	0 4 8 - 2 0 9 1 1 1
snoot with honeycomb louver	0 4 8 - 2 0 9 1 2 1

use only 1 optical accessory

Mounting accessories

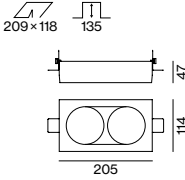
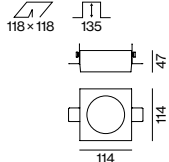
INVISIBLE 80 round

TRIMLESS MOUNTING HOUSING 80 1 LAMP
 for installation in plasterboard ceilings 10-25mm

TYPE	ORDER CODE
1 lamp	0 6 0 - 0 2 6 1 7

TRIMLESS MOUNTING HOUSING 80 2 LAMPS
 for installation in plasterboard ceilings 10-25mm

TYPE	ORDER CODE
2 lamps	0 6 0 - 0 2 6 2 7



Inspiration

Spreedreieck
Berlin, Germany

ARCHITECT
Ankett + Heese
Berlin, Germany

PRODUCT
INVISIBLE 80 round trimless

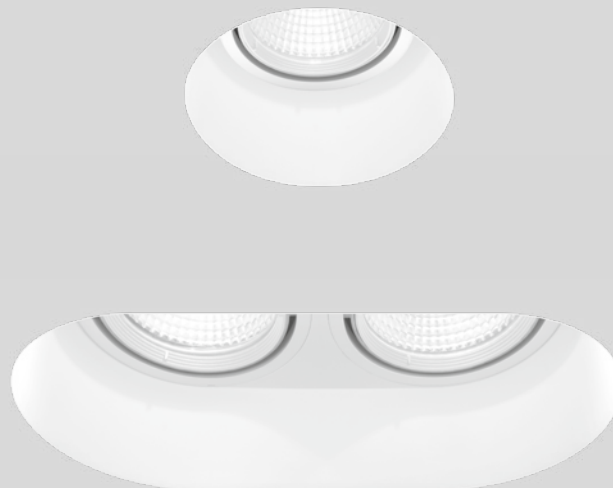




INVISIBLE 100

round trimless

xal.com/invisible



Quickinfo

GENERAL

recessed
IP20, IP44
plasterboard ceilings only

LED

COB LED module
up to 100lm/W
2700K, 3000K, 4000K, CWD
CRI ≥ 90
Binning initial ≤ 3 MacAdam

ESTIMATED LED LIFETIME

L80/50000h

OPTICAL

direct illumination
beam angle 18°, 24°, 36°
optical accessories

ELECTRICAL

non DIM, DIM DALI

PHYSICAL

gypsum housing
aluminium inset
powder-coated

Description

DE Einbaugehäuse aus Gips (überstreichbar); für randlosen Einbau in Gipskartondecken; runde Innenkontur; geeignet für Deckenstärken von 10-25mm; ruhiges Deckenbild durch zurückversetzte Leuchtenebene; ein oder zwei Strahler (SASSO) werkzeuglos einsetzbar durch Kugelschnappsystem; 360° dreh- und 35° schwenkbar; Oberfläche weiß, silbergrau oder schwarz pulverbeschichtet; optische Aufsätze sind als Zubehör erhältlich; passive Kühlung der LEDs durch optimierte Kühlkörpergeometrie; COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 2700K, 3000K und 4000K; optional mit CWD (Colour Warm Dimming); CRI ≥ 90; min. 80% des Lichtstromes nach 50000h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20 oder IP44; SK II; optional DALI-dimmbar

EN Recessed housing made of plaster (paintable); for trimless installation in plasterboard ceilings; round inner contour; suitable for ceiling thickness of 10-25mm; uncluttered ceiling look through recessed lighting level; one or two spotlights (SASSO), installation with ball catch system, without tools; 360° rotatable and 35° tiltable; surface white, silver-grey or black powder coated; optical attachments available as accessories; 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 colours 2700K, 3000K and 4000K; optional with CWD (Colour Warm Dimming); CRI ≥ 90; min. 80% of the luminous flux after 50000 hours; high quality reflector with spherical facet finish; precise radiation characteristic with three different beam angles; installed and exchanged without tools; protection class IP20 or IP44; PC II; optional DALI dimmable

Features



exchangeable light engine



patented ball catch system



skimmed into plasterboard ceiling (trimless)

Standard configuration

COLOUR TEMPERATURE ◆◆
3000K 5

CONTROL ◆
non DIM 1

MATERIAL COLOUR ■
white 7



REFLECTOR ▲
flood 36° F

Extended configuration

COLOUR TEMPERATURE ◆◆
2700K 4
4000K 6

CONTROL ◆
DIM DALI 3

MATERIAL COLOUR ■
silver-grey G
black 8



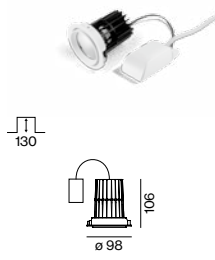
+5% surcharges

REFLECTOR ▲
spot 18° S
medium 24° M

Options on request

CONTROL
phase-cut DIM

LENS
beam angle 14°, 24°



INSET SASSO 100 flush



SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15 W	2700K	1360lm	0 4 8 - 2 4 1 0 ◆◆ ▲
	3000K	1410lm	
	4000K	1510lm	
<u>15 W CWD</u>	<u>1800-3000K (CRI ≥ 95)</u>	<u>1030lm</u>	<u>0 4 8 - 2 4 1 1 0 3 ■ ▲ F</u>
27 W	2700K	2140lm	0 4 8 - 2 4 1 2 ◆◆ ▲
	3000K	2220lm	
	4000K	2370lm	
<u>27 W IP44</u>	<u>3000K</u>	<u>2160lm</u>	<u>8 4 8 - 2 4 1 2 5 ◆ 7 F</u>

LIGHT DISTRIBUTION for 27W, 3000K

spot 18°			medium 24°			flood 36°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	14162	ø0,31	1	9171	ø0,42	1	5376	ø0,65
2	3540	ø0,62	2	2292	ø0,84	2	1344	ø1,31
3	1573	ø0,93	3	1019	ø1,27	3	597	ø1,96
4	885	ø1,24	4	573	ø1,69	4	336	ø2,61
5	566	ø1,55	5	366	ø2,11	5	215	ø3,27

Optical accessories

TYPE	ORDER CODE
honeycomb louver	0 4 8 - 2 1 9 1 3 1 ■
linear prismatic lens	0 4 8 - 2 1 9 2 3 1 ■
snoot	0 4 8 - 2 1 9 1 1 1 ■
snoot with honeycomb louver	0 4 8 - 2 1 9 1 2 1 ■

use only 1 optical accessory

Mounting accessories

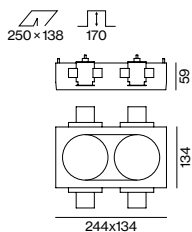
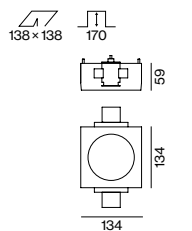
INVISIBLE 100 round

TRIMLESS MOUNTING HOUSING 100 1 LAMP
for installation in plasterboard ceilings 10-25 mm

TYPE	ORDER CODE
1 lamp	0 6 0 - 0 2 5 1 7

TRIMLESS MOUNTING HOUSING 100 2 LAMPS
for installation in plasterboard ceilings 10-25 mm

TYPE	ORDER CODE
2 lamps	0 6 0 - 0 2 5 2 7



Inspiration

Community Centre
Innertkirchen, Switzerland

ARCHITECT
Gschwind Architekten
Basel, Switzerland

PRODUCT
INVISIBLE 100 round trimless



