

INVISIBLE 80

round trimless

xal.com/invisible



Quickinfo

GENERAL

recessed
IP20
plasterboard ceilings only

LED

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

ESTIMATED LED LIFETIME

L80/50 000h

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 50 000h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20; 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 50 000hours; high quality reflector with spherical facet finish; precise radiation characteristic with two different beam angles; installed and exchanged without tools; protection class IP20; 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 37° F

Extended configuration

COLOUR TEMPERATURE ☼☼
2700K 4
4000K 6

CONTROL ◀▶
DIM DALI 3

MATERIAL COLOUR ◻
silver-grey G
black 8



+5% surcharges

REFLECTOR ▲
medium 27° M

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

Options on request

CONTROL
phase-cut DIM



INSET SASSO 80 flush



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

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

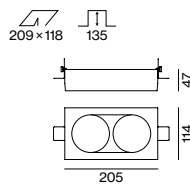
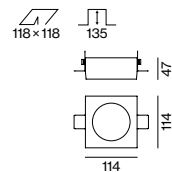
INVISIBLE 80 round

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

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

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

| 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

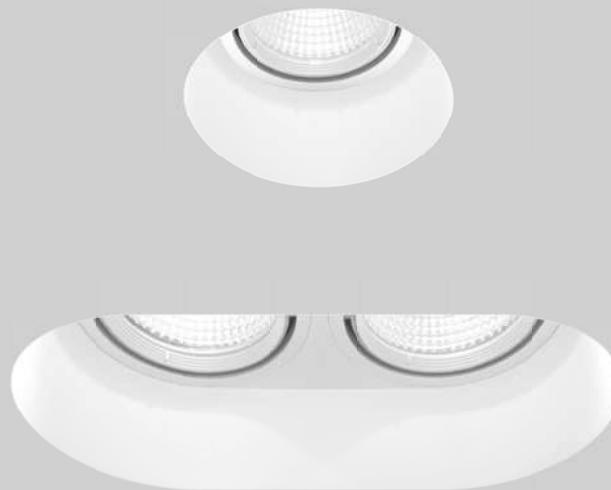




INVISIBLE 100

round trimless

xal.com/invisible



Quickinfo

GENERAL

recessed
IP20
plasterboard ceilings only

LED

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

ESTIMATED LED LIFETIME

L80/50 000h

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 10-25 mm; 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 2700 K, 3000 K und 4000 K; optional mit CWD (Colour Warm Dimming); CRI ≥ 90; min. 80 % des Lichtstromes nach 50 000 h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20; 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 10-25 mm; 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 2700 K, 3000 K and 4000 K; optional with CWD (Colour Warm Dimming); CRI ≥ 90; min. 80 % of the luminous flux after 50 000 hours; high quality reflector with spherical facet finish; precise radiation characteristic with three different beam angles; installed and exchanged without tools; protection class IP20; PC II; optional DALI dimmable

Features



exchangeable light engine



patented ball catch system



skimmed into plasterboard ceiling (trimless)

Standard configuration

COLOUR TEMPERATURE 
3000 K 5

CONTROL 
non DIM 1

MATERIAL COLOUR 
white 7



REFLECTOR 
flood 36° F

Extended configuration

COLOUR TEMPERATURE 
2700 K 4
4000 K 6

CONTROL 
DIM DALI 3

MATERIAL COLOUR 
silver-grey G
black 8



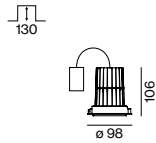
+5% surcharges

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 | 2700 K | 1360 lm | 0 4 8 - 2 4 1 0      |
| | 3000 K | 1410 lm | |
| | 4000 K | 1510 lm | |
| 15 W CWD | 1800-3000 K (CRI ≥ 95) | 1030 lm | 0 4 8 - 2 4 1 1 0 3      |
| 27 W | 2700 K | 2140 lm | 0 4 8 - 2 4 1 2      |
| | 3000 K | 2220 lm | |
| | 4000 K | 2370 lm | |

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

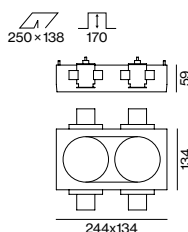
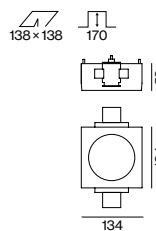
TRIMLESS MOUNTING HOUSING 100 1 LAMP
for installation in plasterboard ceilings 10-25 mm

| 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





INVISIBLE 80

asymmetric / square

trimless

xal.com/invisible



Quickinfo

GENERAL

recessed
IP20
plasterboard ceilings only

LED

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

ESTIMATED LED LIFETIME

L80/50 000h

OPTICAL

asymmetric 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; kantige Innenkontur mit asymmetrischer Abstrahlcharakteristik; geeignet für Deckenstärken von 10-25 mm; ruhiges Deckenbild durch zurückversetzte Leuchtenebene; ein 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 50 000 h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20; SK II; optional DALI-dimmbar

EN Recessed housing made of plaster (paintable); for trimless installation in plasterboard ceilings; angular inner contour with asymmetric radiation characteristic; suitable for ceiling thickness of 10-25 mm; uncluttered ceiling look through recessed lighting level; one spotlight (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 50 000 hours; high quality reflector with spherical facet finish; precise radiation characteristic with three different beam angles; installed and exchanged without tools; protection class IP20; 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

7

REFLECTOR 
flood 37° F

Extended configuration

COLOUR TEMPERATURE 
2700K 4
4000K 6

CONTROL 
DIM DALI 3

MATERIAL COLOUR 
silver-grey G
black 8

G 8

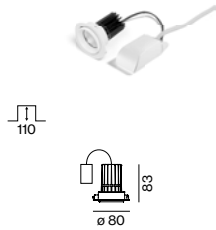
+5% surcharges

REFLECTOR 
medium 27° M

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





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  |
| 12W | 2700K 3000K 4000K | 950lm 980lm 1050lm | 0 4 8 - 2 3 1 2 ::   |

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 asymmetric

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

| TYPE | ORDER CODE |
|--------|-------------------|
| 1 lamp | 0 6 0 - 0 2 4 0 7 |

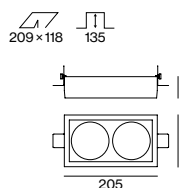
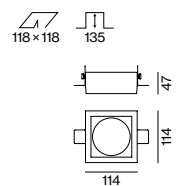
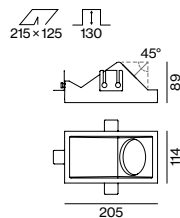
INVISIBLE 80 square

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

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

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

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



Inspiration

Private Residence
Palma de Mallorca, Spain

PRODUCT
INVISIBLE 80 asymmetric trimless
INVISIBLE 80 square trimless

ARCHITECT

Rambla 9
Palma de Mallorca, Spain

LIGHTING DESIGN

D-Mix
Palma de Mallorca, Spain





INVISIBLE 100

asymmetric / square trimless

xal.com/invisible



Quickinfo

GENERAL

recessed
IP 20
plasterboard ceilings only

LED

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

ESTIMATED LED LIFETIME

L80 / 50 000h

OPTICAL

asymmetric 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; kantige Innenkontur mit asymmetrischer Abstrahlcharakteristik; geeignet für Deckenstärken von 10-25 mm; ruhiges Deckenbild durch zurückversetzte Leuchtenebene; ein 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 50 000h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP 20; SK II; optional DALI-dimmbar

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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

7

REFLECTOR
flood 36° F

Extended configuration

COLOUR TEMPERATURE
2700K 4
4000K 6

CONTROL
DIM DALI 3

MATERIAL COLOUR
silver-grey G
black 8

G 8

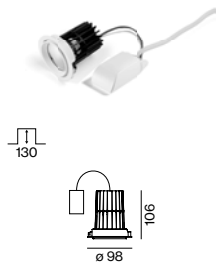
+5% surcharges

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 | 1360 lm | 0 4 8 - 2 4 1 0 :: ◻ ◻ ▲ |
| | 3000K | 1410 lm | |
| | 4000K | 1510 lm | |
| 15 W CWD | 1800-3000K (CRI ≥ 95) | 1030 lm | 0 4 8 - 2 4 1 1 0 3 ◻ F |
| 27 W | 2700K | 2140 lm | 0 4 8 - 2 4 1 2 :: ◻ ◻ ▲ |
| | 3000K | 2220 lm | |
| | 4000K | 2370 lm | |

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 asymmetric

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

| TYPE | ORDER CODE |
|--------|-------------------|
| 1 lamp | 0 6 0 - 0 2 4 1 7 |

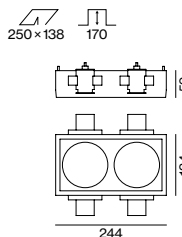
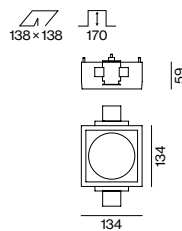
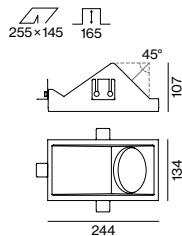
INVISIBLE 100 square

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

| TYPE | ORDER CODE |
|--------|-------------------|
| 1 lamp | 0 6 0 - 0 2 3 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 3 2 7 |



Inspiration

Doctor's Practice, Dr. Chaker
Geldern, Germany

PRODUCT
INVISIBLE 100 square trimless

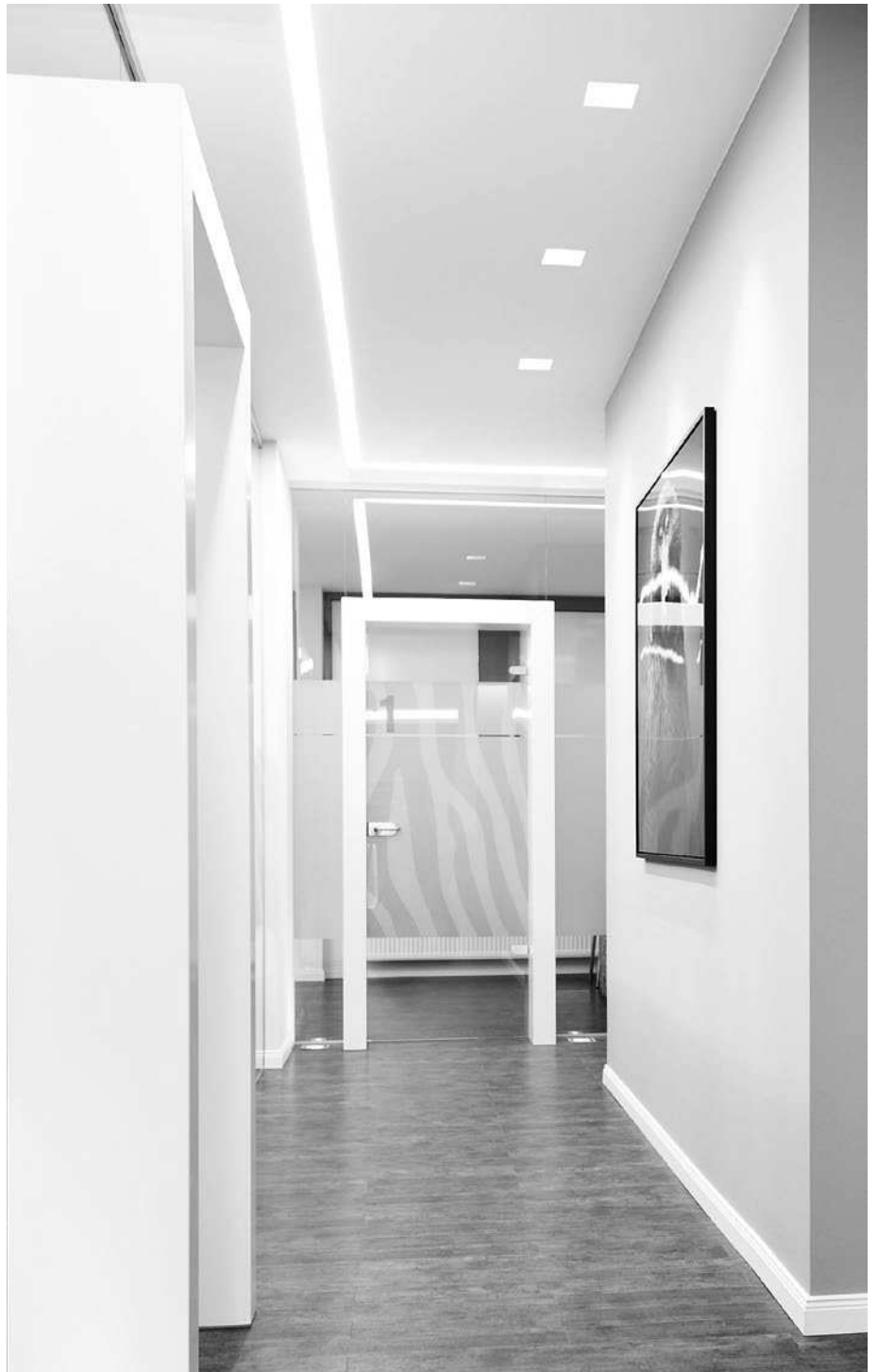
ARCHITECT

Göke Praxiskonzepte
Düsseldorf, Germany

LIGHTING DESIGN

Göke Praxiskonzepte
Düsseldorf, Germany

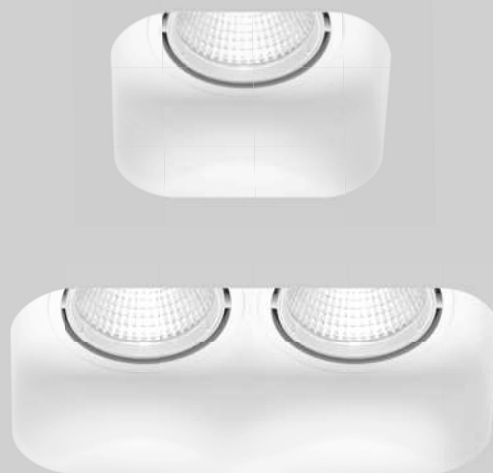




INVISIBLE 80

retro trimless

xal.com/invisible



Quickinfo

GENERAL

recessed
IP20
plasterboard ceilings only

LED

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

ESTIMATED LED LIFETIME

L80/50 000h

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; abgerundete Innenkontur; geeignet für Deckenstärken von 10-25 mm; 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 50 000 h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP20; SK II; optional DALI-dimmbar

EN Recessed housing made of plaster (paintable); for trimless installation in plasterboard ceilings; rounded internal contour; suitable for ceiling thickness of 10-25 mm; 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 50 000 hours; high quality reflector with spherical facet finish; precise radiation characteristic with three different beam angles; installed and exchanged without tools; protection class IP20; PC II; optional DALI dimmable

Features



exchangeable light engine



patented ball catch system

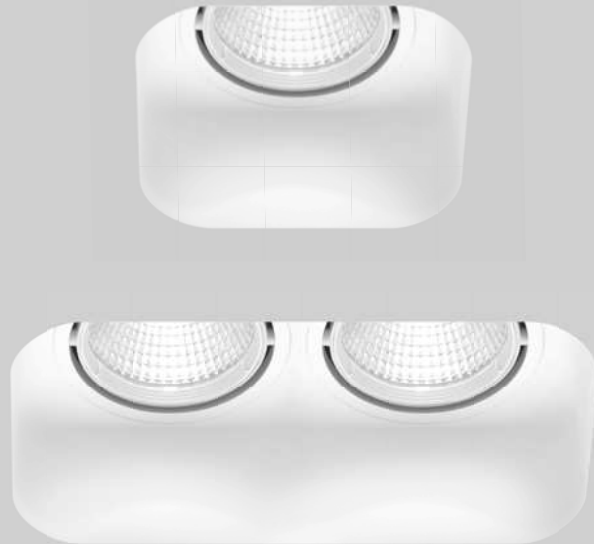


skimmed into plasterboard ceiling (trimless)

INVISIBLE 100

retro trimless

xal.com/invisible



Quickinfo

GENERAL

recessed
IP 20
plasterboard ceilings only

LED

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

ESTIMATED LED LIFETIME

L80/50 000h

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; abgerundete Innenkontur; geeignet für Deckenstärken von 10-25 mm; 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 50 000 h Lebensdauer hochwertiger Reflektor mit sphärischer Facettenoptik; präzise Abstrahlcharakteristik mit drei verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; Schutzart IP 20; SK II; optional DALI-dimmbar

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Features



exchangeable light engine



patented ball catch system



skimmed into plasterboard ceiling (trimless)

Inspiration

Doctor's Practice, Dr. Wüllenweber
Aachen, Germany

PRODUCT
INVISIBLE 100 retro trimless

ARCHITECT

Göke Praxiskonzepte
Düsseldorf, Germany

LIGHTING DESIGN

Göke Praxiskonzepte
Düsseldorf, Germany



