GLARELESS PIN SPOT

GLARELESS PIN SPOT

" Imagine standing in a beautifully illuminated room, with no glare on the ceiling and no way of knowing where the light is coming from.
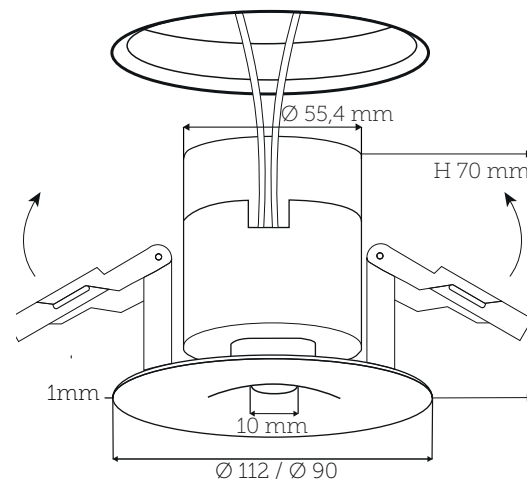
The innovative, durable and highly efficient Glareless Pin Spot is the way to achieve this. The LED light source is incorporated in the luminair and the optic is arranged in such a way that it transmits the light through an opening of only 10mm. The LED light source is not visible, which means there is no glare - making it unique in its kind. "
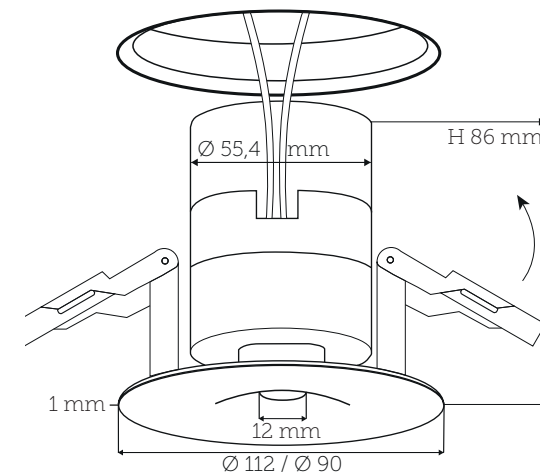
GLARELESS PIN SPOT
WITH SPRING CLIP

🟡 SINGLE-WHITE 🌈 DUAL-WHITE & RGB+W

Ø 55,4 mm
H 70 mm
1mm
10 mm
Ø 112 / Ø 90

Ø 55,4 mm
H 86 mm
1 mm
12 mm
Ø 112 / Ø 90

🟡 **SPRING CLIP - SINGLE WHITE - 20°/ 40° (2700K)**
DIFFERENT COLOUR TEMPERATURE ON REQUEST (4000K -7500K)
ART. NR: G-SW27-20-E-S / G-SW27-40-E-S
        EXTERNAL DRIVER OPTIONS:
        0-10 VOLT, DALI, CASAMBI, DMX (MAX 4 SPOTS)

🟡 **SPRING CLIP - DUAL WHITE - 20°/ 40° (2000K-4000K)**
ART. NR: G-DW-20-E-S / G-DW-40-E-S
        EXTERNAL DRIVER OPTIONS:
        0-10 VOLT, DALI, CASAMBI, DMX (MAX 4 SPOTS)

🟡 **SPRING CLIP - DUAL WHITE - 20°/ 40° (2000K-4000K)**
INTERNAL DRIVER: CASAMBI *ART. NR: G-DW-20-C-S / G-DW-40-C-S*
INTERNAL DRIVER: DMX *ART. NR: G-DW-20-D-S / G-DW-40-D-S*
        POWER SUPPLY: SPOTS INTERNAL DRIVER (MAX 4 SPOTS)

🌈 **SPRING CLIP - RGB+ W - 20°/ 40° (2700K)**
INTERNAL DRIVER: CASAMBI *ART. NR: G-RGBW-20-C-S / G-RGBW-40-C-S*
INTERNAL DRIVER: DMX *ART. NR: G-RGBW-20-D-S / G-RGBW-40-D-S*
        POWER SUPPLY: SPOTS INTERNAL DRIVER (MAX 4 SPOTS)

BEAM ANGLE	LIGHT OUTPUT	COLOUR FASTNESS	ENERGY USAGE	LIFE SPAN
20° - 40°	500-600 lumen	RA 85-95	max. 24 Watt	70% (after 50.000 hours)

GLARELESS PIN SPOT
PLASTER RING

Ø 90 mm
130 mm
2 mm
2 mm
16 mm

- PLASTER RING
ART. NR: G-PR

GLARELESS PIN SPOT
ADJUSTABLE

Ø 55 mm
Ø 10/12 mm
Ø 90 mm

ADJUSTABLE - SINGLE WHITE - 20°/ 40° (2700K)
DIFFERENT COLOUR TEMPERATURE ON REQUEST (4000K -7500K)
ART. NR: G-SW27-20-E-ADJ / G-SW27-40-E-ADJ
EXTERNAL DRIVER OPTIONS:
0-10 VOLT, DALI, CASAMBI, DMX (MAX 4 SPOTS)

ADJUSTABLE - DUAL WHITE - 20°/ 40° (2000K-4000K)
ART. NR: G-DW-20-E-ADJ / G-DW-40-E-ADJ
EXTERNAL DRIVER OPTIONS:
0-10 VOLT, DALI, CASAMBI, DMX (MAX 4 SPOTS)

ADJUSTABLE - DUAL WHITE - 20°/ 40° (2000K-4000K)
INTERNAL DRIVER: CASAMBI *ART. NR: G-DW-20-ADJ / G-DW-40-C-ADJ*
INTERNAL DRIVER: DMX *ART. NR: G-DW-20-D-ADJ / GW-DW-40-D-ADJ*
POWER SUPPLY: SPOTS INTERNAL DRIVER (MAX 4 SPOTS)

ADJUSTABLE - RGB+ W - 20°/ 40° (2700K)
INTERNAL DRIVER: CASAMBI *ART. NR: G-RGBW-20-C-ADJ / G-RGBW-40-C-ADJ*
INTERNAL DRIVER: DMX *ART. NR: G-RGBW-20-D-ADJ / G-RGBW-40-D-ADJ*
POWER SUPPLY: SPOTS INTERNAL DRIVER (MAX 4 SPOTS)

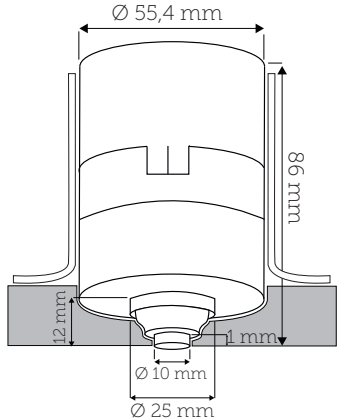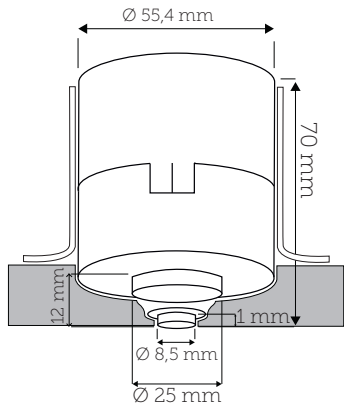| BEAM ANGLE	LIGHT OUTPUT	COLOUR FASTNESS	ENERGY USAGE	LIFE SPAN
20° - 40°	500-600 lumen	RA 85-95	max. 24 Watt	70% (after 50.000 hours)

GLARELESS PIN SPOT
WITH CONTRA CONSTRUCTION

⬤ SINGLE WHITE   ⬤🌈 DUAL-WHITE & RGB+W

Ø 55,4 mm — 70 mm — 12 mm — Ø 8,5 mm — 1 mm — Ø 25 mm

Ø 55,4 mm — 86 mm — 12 mm — Ø 10 mm — 1 mm — Ø 25 mm

⬤ **CONTRA - SINGLE WHITE - 20°/ 40° (2700K)**
DIFFERENT COLOUR TEMPERATURE ON REQUEST (4000K -7500K)
ART. NR: G-SW27-20-E-CON / G-SW27-40-E-CON
    EXTERNAL DRIVER OPTIONS:
    0-10 VOLT, DALI, CASAMBI, DMX (MAX 4 SPOTS)

⬤ **CONTRA - DUAL WHITE - 20°/ 40° (2000K-5000K)**
ART. NR: G-DW-20-E-CON / G-DW-40-E-CON
    EXTERNAL DRIVER OPTIONS:
    0-10 VOLT, DALI, CASAMBI, DMX (MAX 4 SPOTS)

⬤ **CONTRA - DUAL WHITE - 20°/ 40° (2000K-5000K)**
INTERNAL DRIVER: CASAMBI *ART. NR: G-DW-20-C-CON/ G-DW-40-C-CON*
INTERNAL DRIVER: DMX *ART. NR: G-DW-20-D-CON / G-DW-40-D-CON*
    POWER SUPPLY: SPOTS INTERNAL DRIVER (MAX 4 SPOTS)

🌈 **CONTRA - RGB+ W - 20°/ 40° (2700K)**
INTERNAL DRIVER: CASAMBI *ART. NR: G-RGBW-20-C-CON/ G-RGBW-40-C-CON*
INTERNAL DRIVER: DMX *ART. NR: G-RGBW-20-D-CON/ G-RGBW-40-D-CON*
    POWER SUPPLY: SPOTS INTERNAL DRIVER (MAX 4 SPOTS)

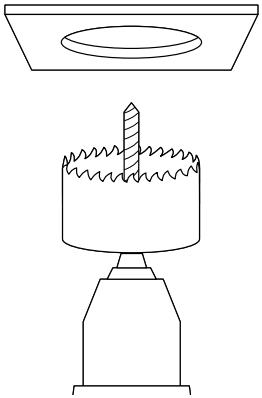| BEAM ANGLE	LIGHT OUTPUT	COLOUR FASTNESS	ENERGY USAGE	LIFE SPAN
20° - 40°	500-600 lumen	RA 85-95	max. 24 Watt	70% (after 50.000 hours)

PLASTER RING

STEP 1

- drill a hole in the ceiling with a hole saw of Ø 88
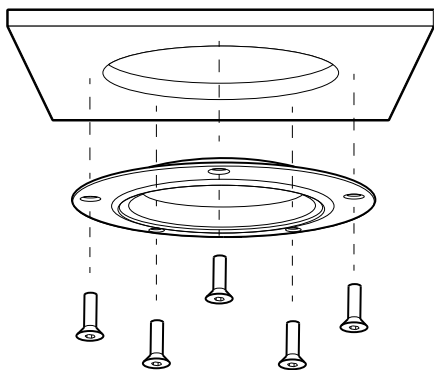
WHAT YOU NEED:
- Hole saw – Ø 88mm
- Drill

STEP 2

- Place the plaster ring in the borehole and screw the plaster ring with drywall screws.
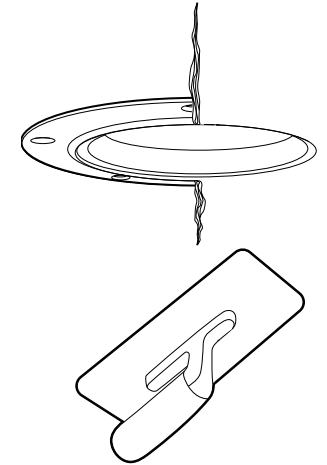
WHAT YOU NEED:
- 5x countersunk plasterboard screws
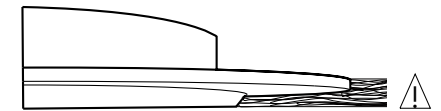- Screwdriver

STEP 3
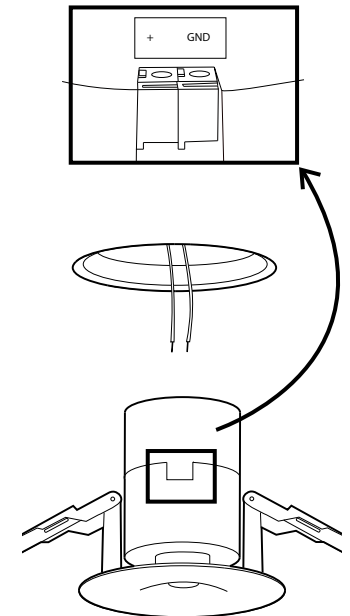
- Plaster the ceiling.

Note: Do not plaster higher than the inner edge of the plaster ring and prevent plaster from entering the ring.
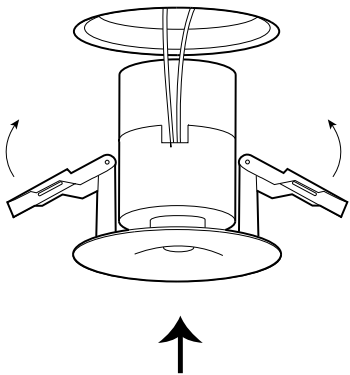
STEP 4

- Connect the "GND" and the "+"cable to the plug of the spot. To do this, press the orange square down in the plug connection.
- To control multiple spots in a group, see the connection diagram at step 6.
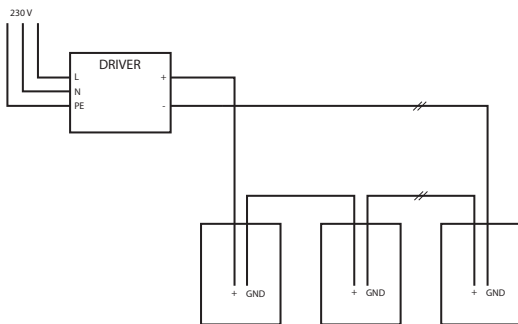
+   GND

STEP 5

- Squeeze in the springs of the spot and place the spot in the ceiling hole.

STEP 6

For multiple spots in a group:
- Connect the "+" of the driver to the "+" of the first spot.
- Connect the "GND" of the first spot to the "+" of the second spot
- Connect the "GND" of the second spot to the "+" of the third spot.
- Connect the "GND" of the last spot to the "-" of the GND driver.


```
230 V

DRIVER
L          +
N
PE         -

+  GND    +  GND    +  GND
```

Note: This way, a maximum of 4 spots can be put in the series

CONTRA CONSTRUCTION

INSTRUCTION FOR THE CONTRA CONSTRUCTION

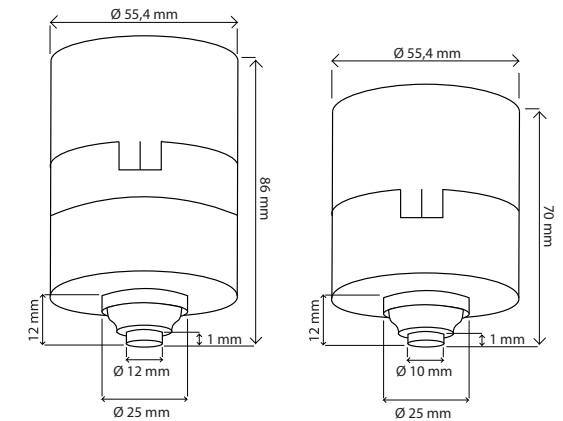## STEP 1

Mill a hole in the ceiling;
- 10mm for the Single-white
- 12 mm for the Dual-white

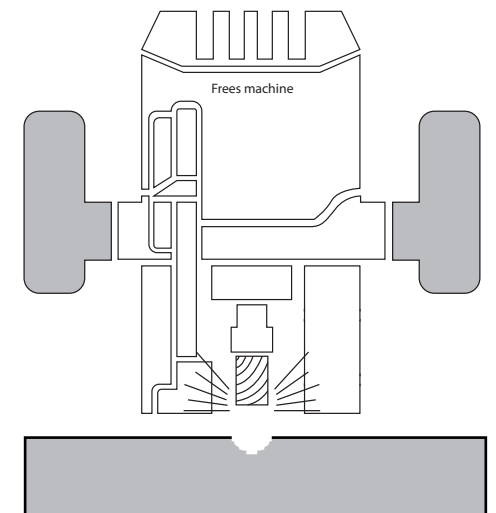**WHAT YOU NEED**
- Power router

Ø 55,4 mm · 86 mm · 12 mm · 1 mm · Ø 12 mm · Ø 25 mm

Ø 55,4 mm · 70 mm · 12 mm · 1 mm · Ø 10 mm · Ø 25 mm

STEP 2

- Cut out the sheet material in a way that the tip of the spot engine fits.

Frees machine

STEP 3

STEP 4

- Fix the spot on the top of the ceiling by adjusting the side feet to the thickness of the sheet material.

STEP 5

- Screw the construction into the ceiling

STEP 6

- Connect the 'GND' and the '+'cable to the connector of the spot. To do this, press the orange square down at the plug connection.

+   GND

ARTICLE NUMBER:

Article number:G-_____-_ -__°-___-___-___

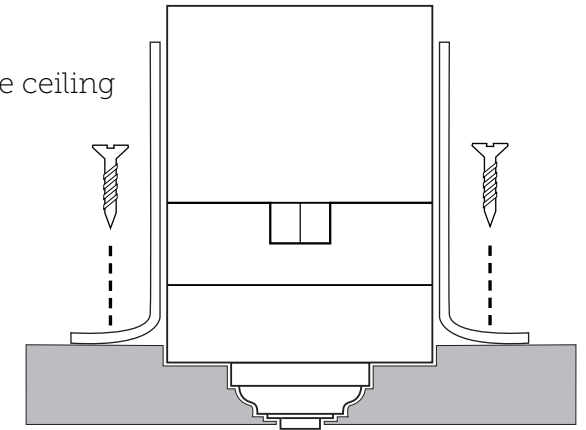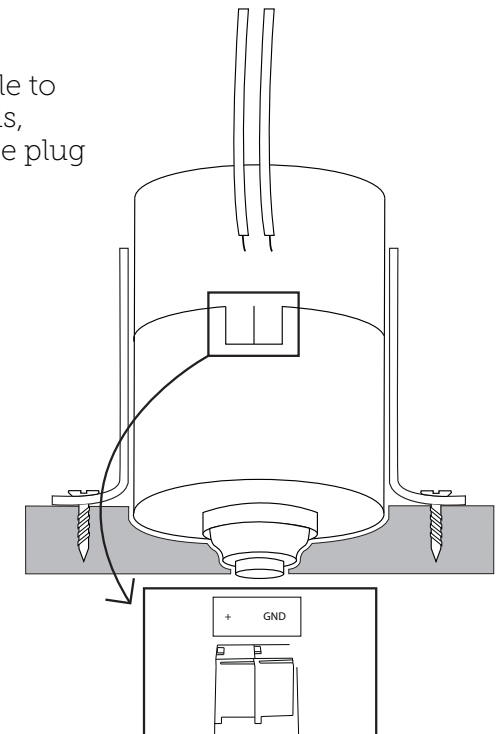| LIGHT ENGINE	CONTROL OPTIONS	BEAM ANGLE	INTEGRATION	DIMENSIONS FLANGE	RAL FLANGE
G-SW-27 = 2700K	D= External driver (Casambi,	20°	S = Spring clips	90= 090 mm	W= White
G-SW-30 = 3000K	0-10V, DALI, DMX)	40°	ADJ = Adjustable	112= 112 mm	B= Black
G-SW-40 = 4000K	C= Internal driver Casambi		CON = Contra construction	None= Only spot engine	CUS= Customized
G-SW-57 = 5700K	E= Internal driver DMX		G-PR = Plaster ring		
G-SW-CUS = Customized					
G-DW-W = 2000K-4000K					
G-DW-T= 2200K-5700K					
G-WD = 2200K - 3000K					
G-RGB+W = RGB+W (27000k)					

DATASHEET:

MEASUREMENTS

	SPOT ENGINE	SW	DW/RGB+W
Plaster ring	Ø 55,4 mm	H 70 mm	H 86 mm
Spot engine	Ø 55,4 mm	H 70 mm	H 86 mm
Spring clips	Ø 55,4 mm	H 70 mm	H 86 mm
Flange size (spring clips)		1mm x Ø90mm, 1mm x Ø112 mm or custom	1mm x Ø 90 mm, 1mm Ø112 mm or custom
Drill diameter of flange (spring clips)			Ø76 mm

SPECIFICATIONS

LIGHT SOURCE	VOLTAGE
Light composition	Single white, Dual white, Warm dimming, RGB+W
Lumen output	Ca. 500-600 Lumen
Control options	Integrated driver: Casambi, DMX External driver (SW/DW):DALI, 0-10V, Casambi, DMX
Dimming options	0-10V, Casambi, DMX, DALI (sw)
Luminaire type, assembly	Ceiling build in, plaster rings, Spring clips, Spot engine
Dimensions	See technical drawings page: 5, 7, 9 & 11
Flange	Aluminium
Heat sink	Cold Forced Casting aluminium

Finish / colour	Powder coated - Black, White, Customized
protection marking compliance	IP20, CE
Warranty	2 years
Produced in	The Netherlands
Specials	Customized version, Light colour, colour Rendering
Colour fastness	CRI 85-95
Lifespan	70% after 50.000H
Internal driver	Voltage: 24 VDC, Power: 12W max
External driver	Current: 950mA, Power: 12W max

SPOT

ENGINE

DYDELL