



reddot winner 2022



## SPIO 60

recessed

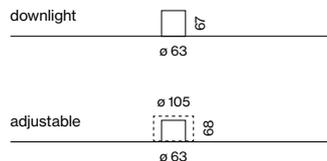
**EN** Round recessed spotlight in die-cast aluminium; installation without tools in mounting set with ball catch system or with magnetic attachment; for trimless installation in plaster-board ceilings; paintable cover; shadow joint between cover and mounting set optionally fillable; or with trim; choice of adjustable or fixed symmetric radiation characteristic; high quality lens system; uncluttered ceiling look through recessed lighting level; reduced light-emitting surface (only  $\varnothing$  10 mm); no multiple shadows; efficient LEDs with very good colour rendering

**ES** Proyector empotrable redondo de inyección en aluminio; instalación sin herramientas mediante kit de montaje con sistema inserción de bola o con fijación magnética; para montaje sin marco en techos de yeso; placa cobertora pintable; separación emplastable entre la placa cobertora y el kit de montaje; proyección simétrica fija o regulable; óptica de alta calidad; vista de techo con luminaria empotrada; superficie emis. de luz reducida (solo  $\varnothing$  10mm); no sombras múltiples; LEDs de eficiencia que proporcionan una alta reproducción cromática

### Quickinfo

2700 K, 3000 K  
CRI  $\geq$  90, 3 SDCM  
up to 60 lm/W  
L95 @ 50000h  
non DIM, DALI-2

### Types



### Colours



### Light distributions



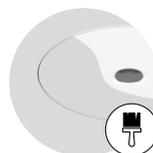
version with black trim



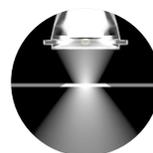
10mm light output area



trimless installation



paintable cover



LFO lens technology

## Order options

|                           |    |
|---------------------------|----|
| <b>COLOUR TEMPERATURE</b> | •• |
| 2700 K                    | 4  |
| 3000 K                    | 5  |

### MATERIAL COLOUR

traffic white RAL9016

paintable cover

### BEAM ANGLE

flood 35° **F**

wide flood 44° **W**

## Options on request

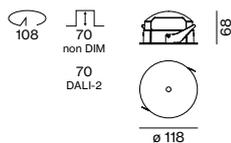
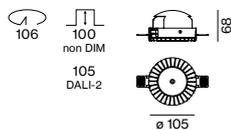
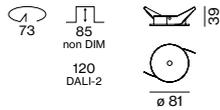
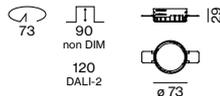
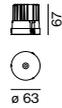
### COLOUR TEMPERATURE

4000 K

### CONCRETE HOUSING

primed concrete ceiling

exposed concrete ceiling



## SPIO 60 downlight



### DOWNLIGHT

|                      |                      |                          |
|----------------------|----------------------|--------------------------|
| <b>INSET POWER</b>   | <b>LUMINOUS FLUX</b> | <b>ORDER CODE</b>        |
| 11.9 W 12 Vf 1050 mA | 718 lm               | 0 4 8 - 1 5 1 0 •• 1 7 ▲ |

## Mounting accessories

**TRIMLESS MOUNTING SET** for plasterboard ceilings 12.5/15/25 mm

|   |                       |
|---|-----------------------|
| <b>COLOUR</b>                               | <b>ORDER CODE</b>     |
| <input type="radio"/> traffic white RAL9016 | 0 4 8 - 2 6 9 6 1 1 7 |

**MOUNTING SET WITH TRIM** for intermediate ceilings 2–25 mm

|   |                       |
|---|-----------------------|
| <b>COLOUR</b>                                       | <b>ORDER CODE</b>     |
| <input type="radio"/> traffic white RAL9016         | 0 4 8 - 1 5 9 7 2 0 7 |
| <input checked="" type="radio"/> jet black RAL 9005 | 0 4 8 - 1 5 9 7 2 0 8 |

## SPIO 60 adjustable



### ADJUSTABLE

|                      |                      |                          |
|----------------------|----------------------|--------------------------|
| <b>INSET POWER</b>   | <b>LUMINOUS FLUX</b> | <b>ORDER CODE</b>        |
| 11.9 W 12 Vf 1050 mA | 685 lm               | 0 4 8 - 1 5 2 0 •• 1 7 ▲ |

## Mounting accessories

**TRIMLESS MOUNTING SET** for plasterboard ceilings 12.5/15/25 mm

|   |                       |
|---|-----------------------|
| <b>COLOUR</b>                               | <b>ORDER CODE</b>     |
| <input type="radio"/> traffic white RAL9016 | 0 4 8 - 1 5 9 8 1 0 7 |

**MOUNTING SET WITH TRIM** for intermediate ceilings 2–25 mm

|   |                       |
|---|-----------------------|
| <b>COLOUR</b>                                       | <b>ORDER CODE</b>     |
| <input type="radio"/> traffic white RAL9016         | 0 4 8 - 1 5 9 7 1 0 7 |
| <input checked="" type="radio"/> jet black RAL 9005 | 0 4 8 - 1 5 9 7 1 0 8 |

## Electrical accessories

**POWER SUPPLY** 220-240 V AC, 50-60 Hz,  PC II

| TYPE              | EFFICIENCY | L-W-H (mm) | ORDER CODE        |
|-------------------|------------|------------|-------------------|
| 1050 mA   non DIM | η 85 %     | 111-38-28  | 0 0 2 - 9 0 7 8 7 |
| 1050 mA   DALI-2  | η 85 %     | 143-43-30  | 0 0 2 - 9 0 7 8 8 |

### DIN RAIL COMPONENTS

| TYPE  | W-H-D (mm) | ORDER CODE            |
|---|------------|-----------------------|
| POWER SUPPLY 220-240 V AC                     | 72-90-63   | 0 0 5 - 6 5 2 0 2 1 0 |
| 160 W   48 V DC constant voltage              |            |                       |
| LED DRIVER DALI-2 DT6 1–2 addr.               | 36-88-59   | 0 0 5 - 6 1 2 1 0 3 0 |
| 200–1050 mA settable const. current           |            |                       |
| 2 × 42 W   48 V DC   U <sub>OUT</sub> 10–40 V |            |                       |

for more details and components see XAL 22 catalog, page 980

**INSET POWER** is the current consumption excluding any ballast

**LUMINOUS FLUX** value calculated for 3000 K, CRI ≥ 90, colour white, lens wide flood, 2700 K -5 %