



## SPIO 20

recessed

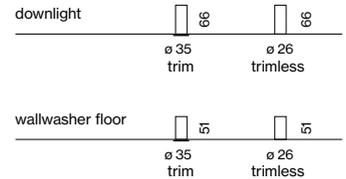
**EN** Round recessed spotlight in aluminium; installation without tools in mounting set with ball catch system or using snap spring closure; special mounting tool for easy installation of the trimless housing available as an accessory; for trimless installation in plasterboard ceilings; paintable light inset; shadow joint between light inset and mounting set optionally fillable; or with trim; with optional high quality lens system with precise radiation characteristic; or high quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with different beam angles; uncluttered ceiling look through recessed lighting level; reduced light-emitting surface - only  $\varnothing 10$  mm (DOWN-LIGHT) or  $\varnothing 13$  mm (WALLWASHER/FLOOR); no multiple shadows; energy-eff. LEDs - very good colour rendering

**DE** Runder Einbaustrahler aus Aluminium; werkzeuglose Montage im Montageset durch Kugelschnappsystem bzw. Schnappfederverschluss; spezielles Montagewerkzeug zur einfachen Installation des randlosen Gehäuses als Zubehör erhältlich; für randlosen Einbau in Gipskartondecken; überstreichbarer Lichteinsatz; Schattenfuge zwischen Lichteinsatz und Montageset optional verspachtelbar; oder mit umlaufendem Rand; wahlweise mit hochwertiger Linsenoptik mit präziser Abstrahlcharakteristik; oder hochwertiger, aluminiumbedampfter Reflektor mit Facettenoptik; präzise Abstrahlcharakteristik mit verschiedenen Ausstrahlwinkeln; ruhiges Deckenbild durch zurückversetzte Leuchtenebene; reduzierte Lichtaustrittsfläche - nur  $\varnothing 10$  mm (DOWN-LIGHT) bzw.  $\varnothing 13$  mm (WALLWASHER/FLOOR); keine Mehrfachschatten; energieeff. LEDs - sehr gute Farbwiedergabe

### Quickinfo

2700 K, 3000 K  
CRI  $\geq 90$ , 3 SDCM  
up to 69 lm/W  
L95 @ 50000 h  
non DIM, DALI-2

### Types



### Colours



### Light distributions



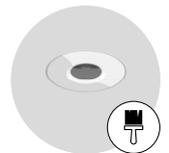
version with  
trim available



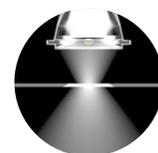
10 mm light  
output area



trimless  
installation



paintable  
cover



LFO lens  
technology



wallwasher  
floor

## Order options

<b>COLOUR TEMPERATURE</b>	☼☼
2700 K	4
3000 K	5

<b>MATERIAL COLOUR</b>	☑
○ traffic white RAL 9016	7
● jet black RAL 9005	8

<b>REFLECTOR COLOUR</b>	
● jet black RAL 9005	
paintable cover	

<b>BEAM ANGLE</b>	▲
flood 35°	F
wide flood 44°	W

## Options on request

<b>COLOUR RENDERING INDEX</b>	
CRI ≥ 95, 2 SDCM	

<b>COLOUR TEMPERATURE</b>	
4000 K	

<b>CONCRETE HOUSING</b>	
primed concrete ceiling	
exposed concrete ceiling	

<b>REFLECTOR COLOUR</b>	
○ traffic white* RAL9016	
*only for wallwasher / floor	



## SPIO 20 downlight



### DOWNLIGHT TRIMLESS

<b>INSET POWER</b>	<b>LUMINOUS FLUX</b>	<b>ORDER CODE</b>
6.5 W 12 Vf 600 mA	435 lm	0 4 8 - 1 7 1 0 ☼☼ 1 0 ▲

### TRIMLESS MOUNTING SET for plasterboard ceilings 9–25 mm

<b>COLOUR</b>	<b>ORDER CODE</b>
○ traffic white RAL9016	0 4 8 - 1 6 9 8 1 0 7

### DOWNLIGHT TRIM

<b>INSET POWER</b>	<b>LUMINOUS FLUX</b>	<b>ORDER CODE</b>
6.5 W 12 Vf 600 mA	435 lm	0 4 8 - 1 6 1 0 ☼☼ 1 ▲

## SPIO 20 wallwasher / floor



### WALLWASHER / FLOOR TRIMLESS

<b>INSET POWER</b>	<b>LUMINOUS FLUX</b>	<b>ORDER CODE</b>
5.9 W 5.6 Vf 1050 mA	409 lm	0 4 8 - 1 7 3 0 ☼☼ 1 0 8 W

### TRIMLESS MOUNTING SET for plasterboard ceilings 9–25 mm

<b>COLOUR</b>	<b>ORDER CODE</b>
○ traffic white RAL9016	0 4 8 - 1 6 9 8 1 0 7

### WALLWASHER / FLOOR TRIM

<b>INSET POWER</b>	<b>LUMINOUS FLUX</b>	<b>ORDER CODE</b>
5.9 W 5.6 Vf 1050 mA	409 lm	0 4 8 - 1 6 3 0 ☼☼ 1 8 W

## Mounting accessories

### SPECIAL MOUNTING TOOL

<b>TYPE</b>	<b>Ø-H (mm)</b>	<b>ORDER CODE</b>
SPIO 20	83-9	0 6 3 - 8 9 1 1 1 1 0

necessary to install mounting housing trimless

## Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
600 mA   max. 43 V   non DIM	η 85 %	147-44-22	0 0 2 - 9 0 7 8 3
600 mA   max. 46 V   DALI-2	η 85 %	143-43-30	0 0 2 - 9 0 7 8 4
1050 mA   max. 25 V   non DIM	η 85 %	111-38-28	0 0 2 - 9 0 7 8 7
1050 mA   max. 42 V   DALI-2	η 85 %	143-43-30	0 0 2 - 9 0 7 8 8

revision opening required

### 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 -3 %