



## 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  $\varnothing$  13 mm); no multiple shadows; energy-eff. LEDs - very good colour rendering

**DE** Runder Einbaustrahler aus Aluminium; werkzeuglose Montage im Montageset durch Kugelschnappsystem bzw. Schnappfederverchluss; 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  $\varnothing$  13 mm); keine Mehrfachschatten; energieeff. LEDs - sehr gute Farbwiedergabe

### Quickinfo

2700 K, 3000 K  
 CRI  $\geq$  90 / 3 SDCM (initial MacAdam)  
 UGR  $\leq$  10  
 up to 71 lm/W  
 L85 / 50000 h, L95 / 50000 h  
 DALI-2, non DIM  
 front IP20

### Types

downlight	 $\varnothing$ 35 trim	 $\varnothing$ 26 trimless
wallwasher floor	 $\varnothing$ 35 trim	 $\varnothing$ 26 trimless

### Colour



### Mounting set



### Light distributions



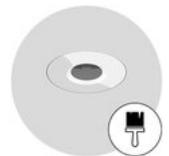
available with black trim



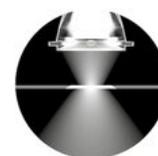
13 mm light output area



for trimless installation



paintable cover



LFO lens technology



wallwasher floor

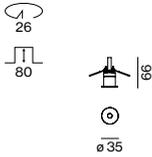


### SPIO 20 downlight trim



#### FLOOD 34°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
6.5 W, 12 Vf, 600 mA	2700 K	400 lm	61 lm/W	0 4 8 - 1 6 1 0 4 1 <input checked="" type="checkbox"/> F
	3000 K	410 lm	63 lm/W	0 4 8 - 1 6 1 0 5 1 <input checked="" type="checkbox"/> F



#### WIDE FLOOD 48°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
6.5 W, 12 Vf, 600 mA	2700 K	453 lm	69 lm/W	0 4 8 - 1 6 1 0 4 1 <input checked="" type="checkbox"/> W
	3000 K	464 lm	71 lm/W	0 4 8 - 1 6 1 0 5 1 <input checked="" type="checkbox"/> W

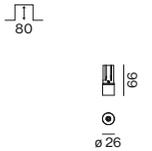


### SPIO 20 downlight trimless



#### FLOOD 34°, traffic white, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
6.5 W, 12 Vf, 600 mA	2700 K	400 lm	61 lm/W	0 4 8 - 1 7 1 0 4 1 0 F
	3000 K	410 lm	63 lm/W	0 4 8 - 1 7 1 0 5 1 0 F



#### WIDE FLOOD 48°, traffic white, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
6.5 W, 12 Vf, 600 mA	2700 K	453 lm	69 lm/W	0 4 8 - 1 7 1 0 4 1 0 W
	3000 K	464 lm	71 lm/W	0 4 8 - 1 7 1 0 5 1 0 W

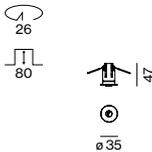


### SPIO 20 wallwasher/floor trim



#### WALLWASHER FLOOR CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
5.9 W, 5.6 Vf, 1050 mA	2700 K	399 lm	67 lm/W	0 4 8 - 1 6 3 0 4 1 <input checked="" type="checkbox"/> 8 W
	3000 K	409 lm	69 lm/W	0 4 8 - 1 6 3 0 5 1 <input checked="" type="checkbox"/> 8 W



#### Order options

COLOUR	
traffic white RAL 9016	7 <input checked="" type="checkbox"/>
jet black RAL 9005	8 <input checked="" type="checkbox"/>



### SPIO 20 wallwasher/floor trimless



#### WALLWASHER FLOOR traffic white, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
5.9 W, 5.6 Vf, 1050 mA	2700 K	399 lm	67 lm/W	0 4 8 - 1 7 3 0 4 1 0 8 W
	3000 K	409 lm	69 lm/W	0 4 8 - 1 7 3 0 5 1 0 8 W



### Mounting accessories (required)

#### MOUNTING SET trimless for plasterboard ceilings

COLOUR	CEILING THICKNESS	Ø-H (mm)	ORDER CODE
traffic white	9-25 mm	56-48	0 4 8 - 1 6 9 8 1 0 7

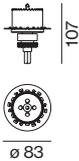


### Mounting tools accessories (optional)

#### SPECIAL MOUNTING TOOL

TYPE	ORDER CODE
for MOVE IN 22   SPIO 20	0 4 8 - 1 6 9 0 0 0 0

necessary to install mounting housing trimless



### Electrical accessories (required)

#### POWER SUPPLY PC2

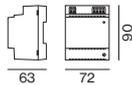
TYPE	INPUT VOLTAGE	EFFICIENCY	L-W-H (mm)	ORDER CODE
600 mA   32 W   non DIM	198-264 V AC	η 90 %	147-44-22	0 0 2 - 9 0 7 8 3
600 mA   28 W   DALI-2	176-264 V AC	η 85 %	143-43-30	0 0 2 - 9 0 7 8 4
1050 mA   44 W   DALI-2	176-264 V AC	η 89 %	143-43-30	0 0 2 - 9 0 7 8 8
1050 mA   40 W   non DIM	198-264 V AC	η 90 %	147-44-22	0 0 2 - 9 0 7 9 4

### Electrical accessories (optional)

#### DIN RAIL POWER SUPPLY BASIC 48 V

TYPE	INPUT VOLTAGE	EFFICIENCY	L-W-H (mm)	ORDER CODE
160 W   PC2	220-240 V AC	η 94 %	72-90-63	0 0 5 - 6 5 2 0 2 1 0

Lifetime >100.000h @ 120W, 45°C ambient temp., cascable max. 3 devices



#### DIN RAIL LED DRIVER

TYPE	L-W-H (mm)	ORDER CODE
DALI-2 DT6 1-2 addresses	36-88-59	0 0 5 - 6 1 2 1 0 3 0

200 - 1050mA settable const. current | 2x42W | 48V DC | U OUT 10-40V

### Order options

COLOUR	
traffic white RAL 9016	7
jet black RAL 9005	8