



# SASSO 60 square downlight

recessed 1 lamp

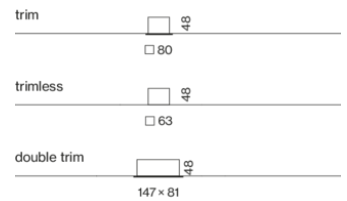
**EN** Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; precise radiation characteristic due to high quality lens system; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering

**DE** Quadratischer Einbaustrahler; werkzeuglose Montage im Montageset (randlos oder mit umlaufendem Rand) durch Kugelschnappsystem; Oberfläche lackiert; Einbau in unterschiedlichen Gehäusen möglich; präzise Abstrahlcharakteristik durch hochwertige Linsenoptik; COB (Chip on Board) Technologie für höchste Effizienz; keine Mehrfachschatten; effiziente LEDs mit sehr guter Farbwiedergabe

## Quickinfo

2700 K, 3000 K, 3500 K, 4000 K, colour warm dimming 1800 - 3000 K  
 CRI  $\geq$  90 / 2 SDCM (initial MacAdam), 3 SDCM (initial MacAdam)  
 UGR  $\leq$  13, UGR  $\leq$  16, UGR  $\leq$  19 up to 109 lm/W  
 L80 / 50000 h, L85 / 50000 h  
 DALI-2, non DIM  
 front IP40, IP44, back IP20

## Types



## Colour



## Mounting set



## Light distributions



glare control  
(UGR  $\leq$  16)



60 mm  
recessed depth



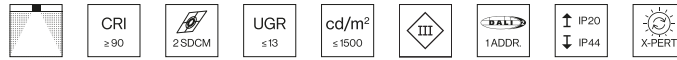
Colour Warm  
Dimming 1800 -  
3000 K



CRI  $\geq$  95 2  
SDCM  
(optional)



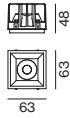
## SASSO 60 square downlight



### SPOT 15°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
10.9 W, 36 Vf, 300 mA	2700 K	898 lm	83 lm/W	0 4 8 - 2 6 1 2 9 1 <input checked="" type="checkbox"/> S
	3000 K	928 lm	85 lm/W	0 4 8 - 2 6 1 2 0 1 <input checked="" type="checkbox"/> S
	3500 K	947 lm	87 lm/W	0 4 8 - 2 6 1 2 2 1 <input checked="" type="checkbox"/> S
	4000 K	976 lm	90 lm/W	0 4 8 - 2 6 1 2 1 1 <input checked="" type="checkbox"/> S

The data values for the luminaire luminous flux may differ for specific order options by -7%. Luminous flux value refers to colour matt silver.



### MEDIUM 26°-27°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
10.2 W, 300 mA	CWD	814 lm	80 lm/W	0 4 8 - 2 6 1 2 E 1 <input checked="" type="checkbox"/> M
10.6 W, 36 Vf, 300 mA	2700 K	1070 lm	100 lm/W	0 4 8 - 2 6 1 2 9 1 <input checked="" type="checkbox"/> M
	3000 K	1110 lm	104 lm/W	0 4 8 - 2 6 1 2 0 1 <input checked="" type="checkbox"/> M
	3500 K	1130 lm	106 lm/W	0 4 8 - 2 6 1 2 2 1 <input checked="" type="checkbox"/> M
	4000 K	1160 lm	109 lm/W	0 4 8 - 2 6 1 2 1 1 <input checked="" type="checkbox"/> M

The data values for the luminaire luminous flux may differ for specific order options by -11%. Luminous flux value refers to colour matt silver. CWD only for DALI-2; not for DIN-RAIL LED Driver

### FLOOD 35°-42°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
10.2 W, 300 mA	CWD	791 lm	77 lm/W	0 4 8 - 2 6 1 2 E 1 <input checked="" type="checkbox"/> F
10.6 W, 36 Vf, 300 mA	2700 K	1020 lm	96 lm/W	0 4 8 - 2 6 1 2 9 1 <input checked="" type="checkbox"/> F
	3000 K	1060 lm	100 lm/W	0 4 8 - 2 6 1 2 0 1 <input checked="" type="checkbox"/> F
	3500 K	1080 lm	102 lm/W	0 4 8 - 2 6 1 2 2 1 <input checked="" type="checkbox"/> F
	4000 K	1110 lm	104 lm/W	0 4 8 - 2 6 1 2 1 1 <input checked="" type="checkbox"/> F

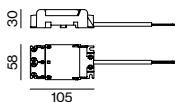
The data values for the luminaire luminous flux may differ for specific order options by -13%. Luminous flux value refers to colour matt silver. CWD only for DALI-2; not for DIN-RAIL LED Driver

### WIDE FLOOD 57°-58°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
10.6 W, 36 Vf, 300 mA	2700 K	1070 lm	101 lm/W	0 4 8 - 2 6 1 2 9 1 <input checked="" type="checkbox"/> W
	3000 K	1110 lm	104 lm/W	0 4 8 - 2 6 1 2 0 1 <input checked="" type="checkbox"/> W
	3500 K	1130 lm	107 lm/W	0 4 8 - 2 6 1 2 2 1 <input checked="" type="checkbox"/> W
	4000 K	1160 lm	109 lm/W	0 4 8 - 2 6 1 2 1 1 <input checked="" type="checkbox"/> W

The data values for the luminaire luminous flux may differ for specific order options by -10%. Luminous flux value refers to colour matt silver.

## Electrical mounting accessories (optional)



### THROUGH WIRING CONNECTION BOX

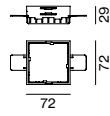
TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4 – 12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4 – 12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

Linect®-Ready

## Order options

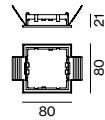
COLOUR	<input checked="" type="checkbox"/>	COLOUR	
jet black RAL 9005	1	white aluminium	RAL 9006
matt silver	4		
traffic white RAL 9016	7		
gold dust RAL 260-M	9		

### Mounting accessories (required)



#### MOUNTING SET trimless for plasterboard ceilings

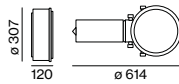
COLOUR	PLASTERBOARD CEILING THICKNESS	L-W-H (mm)	ORDER CODE
traffic white	12.5/15/25 mm	72-72-29	0 4 8 - 2 6 9 7 1 1 7



#### MOUNTING SET with trim 1 lamp for intermediate ceilings, 2-25 mm

COLOUR	L-W-H (mm)	ORDER CODE
traffic white	80-80-21	0 4 8 - 2 6 9 7 3 1 7
jet black	80-80-21	0 4 8 - 2 6 9 7 3 1 8
white aluminium	80-80-21	0 4 8 - 2 6 9 7 3 1 G

### Mounting accessories (optional)



#### PRIMED CONCRETE MOUNTING HOUSING

L-W-H (mm)	ORDER CODE
614-307-120	0 4 8 - 2 6 9 5 1 1 0

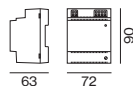
order mounting set separately

### Electrical accessories (required)

#### POWER SUPPLY 300 mA, 15 W, 198-264 V AC, PC2

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
non DIM	η 84 %	85-40-22	0 0 2 - 9 0 7 7 1
DALI-2	η 87 %	165-29-21	0 0 2 - 9 0 7 9 0

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

#### POWER SUPPLY PRE-WIRED with junction box 198-264 V AC, PC2

TYPE	EFFICIENCY	ORDER CODE
300 mA   15 W   DALI-2	η 87 %	0 0 2 - 9 0 7 9 0 A
250 mA   15 W   DALI-2	η 87 %	0 0 2 - 9 0 7 4 8 A
300 mA   15 W   non DIM	η 84 %	0 0 2 - 9 0 7 7 1 A
250 mA   10 W   non DIM	η 80 %	0 0 2 - 9 0 7 4 2 A

### Order options

COLOUR	<input checked="" type="checkbox"/>	COLOUR	
jet black RAL 9005	1	white aluminium	RAL 9006
matt silver	4		
traffic white RAL 9016	7		
gold dust RAL 260-M	9		

**POWER SUPPLY with loop through function DALI-2, 15 W, 198-264 V AC, PC2**

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
300 mA	$\eta$ 87 %	185-30-21	0 0 2 - 9 0 7 7 0
250 mA	$\eta$ 87 %	185-30-21	0 0 2 - 9 0 7 4 7

**Order options**

COLOUR	<input checked="" type="checkbox"/>	COLOUR	
jet black RAL 9005	1	white aluminium	RAL 9006
matt silver	4		
traffic white RAL 9016	7		
gold dust RAL 260-M	9		