

## SASSO 100 square

recessed 1 lamp

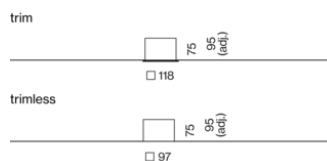
**EN** Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering

**ES** Proyector empotrable cuadrado; instalación sin herramientas mediante kit de montaje (con o sin marco) con sistema inserción de bola; superficie lacada; posibilidad de instalar distintas carcassas; elección de la característica de radiación; ajustable o fija simétrica o asimétrica; variantes de radiación simétrica: proyección precisa con óptica de lente de alta calidad; variantes con emisión asimétrica: reflector de alta calidad con superficie de múltiples facetas revestida con aluminio por vaporización; Chip on Board que proporciona una máxima eficiencia (ADJUSTABLE y DOWNLIGHT); no sombras múltiples; LEDs de eficiencia que proporcionan una alta reproducción cromática

### Quickinfo

2700 K, 3000 K, 3500 K, 4000 K,  
colour warm dimming 1800 K -  
3000 K, tunable white 1800 K -  
4000 K, tunable white 2700 K -  
6000 K, tunable white 2700 K -  
6500 K  
CRI  $\geq 90$ , CRI  $\geq 92$  / 2 SDCM, 3  
SDCM  
UGR  $\leq 10$ , UGR  $\leq 13$ , UGR  $\leq 16$ ,  
UGR  $\leq 19$   
hasta 143 lm/W  
L80 / 50000 h, L85 / 50000 h,  
L90 / 50000 h  
DALI-2, non attenuable  
front IP20, IP40, IP44, back IP20

### Types



### Color



### Set de montaje



### Distribución luminosa



wallwasher and  
wallwasher  
floor inset



glare control  
(UGR  $\leq 16$ )



60 mm  
recessed depth



Colour Warm  
Dimming 1800  
- 3000 K



CRI  $\geq 95$  2  
SDCM  
(optional)



## SASSO 100 square downlight



### SPOT CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	FIXTURE	ORDER CODE
15.2 W, 450 mA	2700 K	1710 lm	112 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> S
	3000 K	1760 lm	116 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> S
	3500 K	1800 lm	118 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> S
	4000 K	1840 lm	121 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> S
22.7 W, 650 mA	2700 K	2350 lm	104 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> S
	3000 K	2390 lm	105 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> S
	3500 K	2440 lm	108 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> S
	4000 K	2500 lm	110 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> S

The data values for the luminaire luminous flux may differ for specific order options by -8%. Luminous flux value refers to colour traffic white.

### MEDIUM CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	FIXTURE	ORDER CODE
15.2 W, 450 mA	2700 K	1770 lm	116 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> M
	3000 K	1820 lm	120 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> M
	3500 K	1870 lm	123 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> M
	4000 K	1910 lm	125 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> M
22.7 W, 650 mA	2700 K	2440 lm	107 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> M
	3000 K	2470 lm	109 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> M
	3500 K	2530 lm	111 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> M
	4000 K	2590 lm	114 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> M
23.8 W, 700 mA	CWD	2090 lm	88 lm/W	0 4 8 - 2 7 1 0 E 1 <input checked="" type="checkbox"/> M

The data values for the luminaire luminous flux may differ for specific order options by -6%. Luminous flux value refers to colour traffic white, matt silver. CWD only for DALI-2; not for DIN-RAIL LED Driver

### FLOOD CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	FIXTURE	ORDER CODE
15.2 W, 450 mA	2700 K	1680 lm	110 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> F
	3000 K	1730 lm	114 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> F
	3500 K	1770 lm	116 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> F
	4000 K	1810 lm	119 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> F
22.7 W, 650 mA	2700 K	2310 lm	102 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> F
	3000 K	2340 lm	103 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> F
	3500 K	2400 lm	106 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> F
	4000 K	2450 lm	108 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> F

The data values for the luminaire luminous flux may differ for specific order options by -8%. Luminous flux value refers to colour traffic white.

### WIDE FLOOD CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	FIXTURE	ORDER CODE
15.2 W, 450 mA	2700 K	1800 lm	118 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> W
	3000 K	1850 lm	121 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> W
	3500 K	1890 lm	124 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> W
	4000 K	1940 lm	127 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> W
22.7 W, 650 mA	2700 K	2470 lm	109 lm/W	0 4 8 - 2 7 1 0 9 1 <input checked="" type="checkbox"/> W
	3000 K	2510 lm	110 lm/W	0 4 8 - 2 7 1 0 0 1 <input checked="" type="checkbox"/> W
	3500 K	2560 lm	113 lm/W	0 4 8 - 2 7 1 0 2 1 <input checked="" type="checkbox"/> W
	4000 K	2620 lm	116 lm/W	0 4 8 - 2 7 1 0 1 1 <input checked="" type="checkbox"/> W
23.8 W, 700 mA	CWD	2310 lm	97 lm/W	0 4 8 - 2 7 1 0 E 1 <input checked="" type="checkbox"/> W

The data values for the luminaire luminous flux may differ for specific order options by -9%. Luminous flux value refers to colour matt silver. CWD only for DALI-2; not for DIN-RAIL LED Driver

## Order options

COLOUR	
jet black RAL 9005	1
matt silver	4
traffic white RAL 9016	7
gold dust RAL 260-M	9



### SASSO 100 square downlight (TW 2700K - 6500K)



#### MEDIUM DALI-2, CRI ≥ 92

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
24.1 W	tunable w.	1830 lm	76 lm/W	0 4 8 - 2 7 1 0 D 3  M

The data values for the luminous flux may differ for specific order options by -6%. Luminous flux value refers to colour matt silver. DALI-2 power supply included

#### WIDE FLOOD DALI-2, CRI ≥ 92

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
24.1 W	tunable w.	1870 lm	78 lm/W	0 4 8 - 2 7 1 0 D 3  W

DALI-2 power supply included



### SASSO 100 square downlight (TW 1800K - 4000K)



#### MEDIUM DALI-2, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
27.6 W	tunable w.	2010 lm	73 lm/W	0 4 8 - 2 7 1 0 L 3  M

DALI-2 power supply included

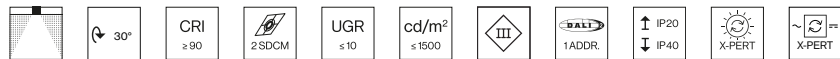
#### WIDE FLOOD DALI-2, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
27.6 W	tunable w.	2050 lm	74 lm/W	0 4 8 - 2 7 1 0 L 3  W

DALI-2 power supply included



### SASSO 100 square adjustable



#### SPOT CRI ≥ 90










FIXTURE	COLOUR TEMP.	LUM. FLUX	FIXTURE	ORDER CODE
15.2 W, 450 mA	2700 K	1750 lm	115 lm/W	0 4 8 - 2 7 3 0 9 1  S
	3000 K	1800 lm	118 lm/W	0 4 8 - 2 7 3 0 0 1  S
	3500 K	1840 lm	121 lm/W	0 4 8 - 2 7 3 0 2 1  S
	4000 K	1880 lm	124 lm/W	0 4 8 - 2 7 3 0 1 1  S
22.7 W, 650 mA	2700 K	2400 lm	106 lm/W	0 4 8 - 2 7 3 0 9 1  S
	3000 K	2440 lm	107 lm/W	0 4 8 - 2 7 3 0 0 1  S
	3500 K	2490 lm	110 lm/W	0 4 8 - 2 7 3 0 2 1  S
	4000 K	2550 lm	112 lm/W	0 4 8 - 2 7 3 0 1 1  S

The data values for the luminaire luminous flux may differ for specific order options by -8%. Luminous flux value refers to colour traffic white.

#### Order options









COLOUR	
jet black RAL 9005	1
matt silver	4
traffic white RAL 9016	7
gold dust RAL 260-M	9

**MEDIUM CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	FIXTURE	ORDER CODE
15.2 W, 450 mA	2700 K	1750 lm	115 lm/W	0 4 8 - 2 7 3 0 9 1  M
	3000 K	1810 lm	119 lm/W	0 4 8 - 2 7 3 0 0 1  M
	3500 K	1850 lm	121 lm/W	0 4 8 - 2 7 3 0 2 1  M
	4000 K	1890 lm	124 lm/W	0 4 8 - 2 7 3 0 1 1  M
22.7 W, 650 mA	2700 K	2410 lm	106 lm/W	0 4 8 - 2 7 3 0 9 1  M
	3000 K	2450 lm	108 lm/W	0 4 8 - 2 7 3 0 0 1  M
	3500 K	2500 lm	110 lm/W	0 4 8 - 2 7 3 0 2 1  M
	4000 K	2560 lm	113 lm/W	0 4 8 - 2 7 3 0 1 1  M
23.8 W, 700 mA	CWD	2070 lm	87 lm/W	0 4 8 - 2 7 3 0 E 1  M










The data values for the luminaire luminous flux may differ for specific order options by -6%. Luminous flux value refers to colour traffic white, matt silver. CWD only for DALI-2; not for DIN-RAIL LED Driver

**FLOOD CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	FIXTURE	ORDER CODE
15.2 W, 450 mA	2700 K	1670 lm	110 lm/W	0 4 8 - 2 7 3 0 9 1  F
	3000 K	1720 lm	113 lm/W	0 4 8 - 2 7 3 0 0 1  F
	3500 K	1760 lm	116 lm/W	0 4 8 - 2 7 3 0 2 1  F
	4000 K	1800 lm	118 lm/W	0 4 8 - 2 7 3 0 1 1  F
22.7 W, 650 mA	2700 K	2300 lm	101 lm/W	0 4 8 - 2 7 3 0 9 1  F
	3000 K	2330 lm	103 lm/W	0 4 8 - 2 7 3 0 0 1  F
	3500 K	2390 lm	105 lm/W	0 4 8 - 2 7 3 0 2 1  F
	4000 K	2440 lm	107 lm/W	0 4 8 - 2 7 3 0 1 1  F


The data values for the luminaire luminous flux may differ for specific order options by -9%. Luminous flux value refers to colour traffic white.

**WIDE FLOOD CRI ≥ 90**

FIXTURE	COLOUR TEMP.	LUM. FLUX	FIXTURE	ORDER CODE
15.2 W, 450 mA	2700 K	1800 lm	118 lm/W	0 4 8 - 2 7 3 0 9 1  W
	3000 K	1850 lm	121 lm/W	0 4 8 - 2 7 3 0 0 1  W
	3500 K	1890 lm	124 lm/W	0 4 8 - 2 7 3 0 2 1  W
	4000 K	1940 lm	127 lm/W	0 4 8 - 2 7 3 0 1 1  W
22.7 W, 650 mA	2700 K	2470 lm	109 lm/W	0 4 8 - 2 7 3 0 9 1  W
	3000 K	2500 lm	110 lm/W	0 4 8 - 2 7 3 0 0 1  W
	3500 K	2560 lm	113 lm/W	0 4 8 - 2 7 3 0 2 1  W
	4000 K	2620 lm	116 lm/W	0 4 8 - 2 7 3 0 1 1  W
23.8 W, 700 mA	CWD	2300 lm	97 lm/W	0 4 8 - 2 7 3 0 E 1  W


CWD only for DALI-2; not for DIN-RAIL LED Driver

**SASSO 100 square adjustable (TW 2700K - 6500K)****MEDIUM DALI-2, CRI ≥ 92**

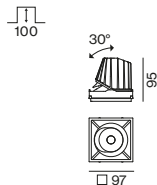
SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
24.1 W	tunable w.	1810 lm	75 lm/W	0 4 8 - 2 7 3 0 D 3  M


The data values for the luminous flux may differ for specific order options by -6%. Luminous flux value refers to colour traffic white. DALI-2 power supply included

**WIDE FLOOD DALI-2, CRI ≥ 92**

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
24.1 W	tunable w.	1860 lm	77 lm/W	0 4 8 - 2 7 3 0 D 3  M

DALI-2 power supply included

**Order options**

COLOUR	
jet black RAL 9005	1 
matt silver	4
traffic white RAL 9016	7
gold dust RAL 260-M	9



### SASSO 100 square adjustable (TW 1800K - 4000K)



#### MEDIUM DALI-2, CRI ≥ 90

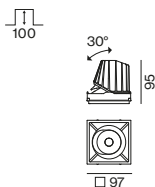
SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
27.6 W	tunable w.	1990 lm	72 lm/W	0 4 8 - 2 7 3 0 L 3 <input checked="" type="checkbox"/> M

The data values for the luminous flux may differ for specific order options by -6%. Luminous flux value refers to colour traffic white. DALI-2 power supply included

#### WIDE FLOOD DALI-2, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
27.6 W	tunable w.	2050 lm	74 lm/W	0 4 8 - 2 7 3 0 L 3 <input checked="" type="checkbox"/> M

DALI-2 power supply included



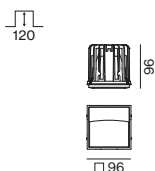
### SASSO 100 square wallwasher



#### WALLWASHER CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	FIXTURE	ORDER CODE
15.8 W, 450 mA	2700 K	1690 lm	107 lm/W	0 4 8 - 2 7 5 0 9 1 <input checked="" type="checkbox"/> A
	3000 K	1760 lm	111 lm/W	0 4 8 - 2 7 5 0 0 1 <input checked="" type="checkbox"/> A
	3500 K	1760 lm	111 lm/W	0 4 8 - 2 7 5 0 2 1 <input checked="" type="checkbox"/> A
	4000 K	1830 lm	116 lm/W	0 4 8 - 2 7 5 0 1 1 <input checked="" type="checkbox"/> A
23.7 W, 650 mA	2700 K	2330 lm	98 lm/W	0 4 8 - 2 7 5 0 9 1 <input checked="" type="checkbox"/> A
	3000 K	2420 lm	102 lm/W	0 4 8 - 2 7 5 0 0 1 <input checked="" type="checkbox"/> A
	3500 K	2420 lm	102 lm/W	0 4 8 - 2 7 5 0 2 1 <input checked="" type="checkbox"/> A
	4000 K	2520 lm	107 lm/W	0 4 8 - 2 7 5 0 1 1 <input checked="" type="checkbox"/> A

The data values for the luminaire luminous flux may differ for specific order options by -8%. Luminous flux value refers to colour traffic white, matt silver.

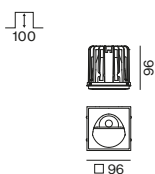


### SASSO 100 square wallwasher/floor



#### WALLWASHER FLOOR CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	FIXTURE	ORDER CODE
14.6 W, 450 mA	2700 K	1920 lm	131 lm/W	0 4 8 - 2 7 5 0 9 1 <input checked="" type="checkbox"/> W
	3000 K	1980 lm	136 lm/W	0 4 8 - 2 7 5 0 0 1 <input checked="" type="checkbox"/> W
	3500 K	2040 lm	140 lm/W	0 4 8 - 2 7 5 0 2 1 <input checked="" type="checkbox"/> W
	4000 K	2080 lm	143 lm/W	0 4 8 - 2 7 5 0 1 1 <input checked="" type="checkbox"/> W
21.5 W, 650 mA	2700 K	2590 lm	121 lm/W	0 4 8 - 2 7 5 0 9 1 <input checked="" type="checkbox"/> W
	3000 K	2690 lm	125 lm/W	0 4 8 - 2 7 5 0 0 1 <input checked="" type="checkbox"/> W
	3500 K	2760 lm	129 lm/W	0 4 8 - 2 7 5 0 2 1 <input checked="" type="checkbox"/> W
	4000 K	2820 lm	131 lm/W	0 4 8 - 2 7 5 0 1 1 <input checked="" type="checkbox"/> W



#### Order options

COLOUR	
jet black RAL 9005	1
matt silver	4
traffic white RAL 9016	7
gold dust RAL 260-M	9



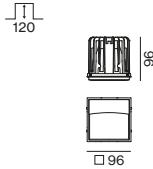
### SASSO 100 square wallwasher (TW 2700K - 6000K)



#### WALLWASHER DALI-2, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
11.9 W	tunable w.	595 lm	50 lm/W	0 4 8 - 2 7 5 0 D 3 <input checked="" type="checkbox"/> A

The data values for the luminous flux may differ for specific order options by -8%. Luminous flux value refers to colour traffic white, matt silver. DALI-2 power supply included



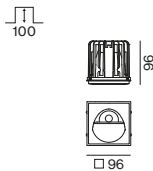
### SASSO 100 square wallwasher/floor (TW 2700K - 6500K)



#### WALLWASHER FLOOR DALI-2, CRI ≥ 92

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
24.1 W	tunable w.	1840 lm	76 lm/W	0 4 8 - 2 7 5 0 D 3 <input checked="" type="checkbox"/> W

DALI-2 power supply included



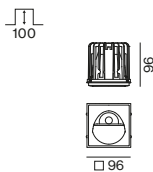
### SASSO 100 square wallwasher/floor (TW 1800K - 4000K)



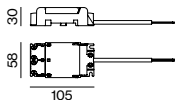
#### WALLWASHER FLOOR DALI-2, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
27.6 W	tunable w.	2020 lm	73 lm/W	0 4 8 - 2 7 5 0 L 3 <input checked="" type="checkbox"/> W

DALI-2 power supply included



### Electrical mounting accessories (optional)



#### THROUGH WIRING CONNECTION BOX

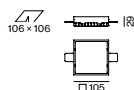
TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4 – 12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4 – 12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

Linect®-Ready

#### Order options

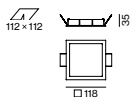
COLOUR	
jet black RAL 9005	<input checked="" type="checkbox"/> 1
matt silver	4
traffic white RAL 9016	7
gold dust RAL 260-M	9

## Mounting accessories (required)



### MOUNTING SET trimless

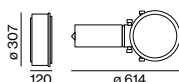
TYPE	COLOUR	L-W-H (mm)	ORDER CODE
for plasterboard ceilings 12.5/15/25 mm	traffic white	105-105-29	0 4 8 - 2 7 9 7 1 1 7



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

COLOUR	L-W-H (mm)	ORDER CODE
traffic white	118-118-35	0 4 8 - 2 7 9 7 3 1 7
jet black	118-118-35	0 4 8 - 2 7 9 7 3 1 8
white aluminium	118-118-35	0 4 8 - 2 7 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 PC2, -264 V AC

TYPE	INPUT VOLTAGE	EFFICIENCY	L-W-H (mm)	ORDER CODE
450 mA   21 W   non DIM	198 V AC	η 86 %	143-43-30	0 0 2 - 9 0 7 6 6
450 mA   28 W   DALI-2	176 V AC	η 85 %	143-43-30	0 0 2 - 9 0 7 6 7
700 mA   38 W   DALI-2	198 V AC	η 90 %	143-43-30	0 0 2 - 9 0 7 7 6
650 mA   31 W   non DIM	198 V AC	η 88 %	143-43-30	0 0 2 - 9 0 7 8 0
650 mA   28 W   DALI-2	176 V AC	η 85 %	143-43-30	0 0 2 - 9 0 7 8 9

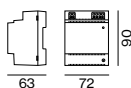
## Electrical accessories (optional)



### 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 | 2 × 42 W | 48 V DC | U OUT 10 - 40 V



### DIN RAIL POWER SUPPLY

L-W-H (mm)	ORDER CODE
72-90-63	0 0 5 - 6 5 2 0 2 1 0

220-240 V AC | 160 W | 48 V DC constant voltage

### POWER SUPPLY PRE-WIRED with junction box 28 W, PC2, -264 V AC

TYPE	INPUT VOLTAGE	EFFICIENCY	ORDER CODE
450 mA   non DIM	198 V AC	η 88 %	0 0 2 - 9 0 7 6 6 A
450 mA   DALI-2	176 V AC	η 85 %	0 0 2 - 9 0 7 6 7 A
700 mA   non DIM	198 V AC	η 88 %	0 0 2 - 9 0 7 7 4 A
700 mA   DALI-2	176 V AC	η 85 %	0 0 2 - 9 0 7 7 6 A
650 mA   non DIM	198 V AC	η 88 %	0 0 2 - 9 0 7 8 0 A
650 mA   DALI-2	176 V AC	η 85 %	0 0 2 - 9 0 7 8 9 A