

# S A X

Design by Walter Gadda

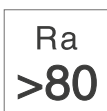


Sistema lineare professionale ad incasso disponibile con ottica simmetrica o asimmetrica per interni

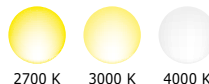
- **Applicazioni:** corridoi, pareti, soffitti, mensole, vetrine
- **Ambientazioni:** hotel, musei, ristoranti, abitazioni private
- **Installazioni:** a incasso a soffitto o parete
- **Materiali:** alluminio - policarbonato
- **Finiture:** alluminio anodizzato
- **Sorgente LED:** media potenza
- **Ottiche:** schermo satinato o prismaticizzato - ottica asimmetrica
- **Efficienza LED:** 140 - 180 lm/W
- **Funzionamento:** accensione on-off o dimmerabile
- **Caratteristiche:** lunghezza fino a 2 metri
- **Alimentazione:** tensione costante 24 Vdc  
tensione di rete 110-240 Vac

*Professional recessed lighting system available with symmetric or asymmetric optics for indoor applications*

- **Applications:** corridors, walls, ceilings, shelves, windows
- **Settings:** hotels, museums, restaurants, private houses
- **Installations:** ceiling or wall recessed
- **Materials:** aluminium - polycarbonate
- **Finishes:** grey anodized aluminium
- **LED light source:** medium power
- **Optics:** satin or prismatic screen  
asymmetric optics
- **LED efficiency:** 140 - 180 lm/W
- **Functions:** on-off, dimmable
- **Features:** lengths up to 2 metres (78,74")
- **Power supply:** 24 Vdc constant voltage  
110-240 Vac mains voltage

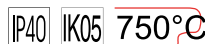


#### Colori LED / LED Colours



2700 K 3000 K 4000 K

#### Caratteristiche / Features







Ra  
**>80**








  
3-STEP  
MACADAM

  
0°C  
40°C

**140 - 180**  
lm/W

**SAX MID POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC**

example **SAX.01.A27A1.0**

passo <i>pitch</i> [mm + in]	lunghezza <i>length</i> [mm + in]	potenza <i>power</i> [W]	codice <i>code</i>	+ ottiche <i>optics</i>	+ colori LED <i>LED colours</i>	+ finiture <i>finishes</i>	+ revisione <i>release</i>
10 mm 0,393"	520 (20,472")	13	<b>SAX.01</b>	<b>.A</b>  ottica asimmetrica <i>asymmetric</i> optics  <b>.S</b>  schermo satinato <i>satin screen</i>  <b>.V</b>  schermo prismatizzato <i>prismatic</i> screen	<b>27</b>  warm white 2700 K  <b>30</b>  warm white 3000 K  <b>40</b>  neutral white 4000 K	<b>A1</b>  alluminio anodizzato <i>anodized aluminium</i>	<b>.0</b>
	1020 (40,157")	25	<b>SAX.02</b>				
	1520 (59,842")	38	<b>SAX.03</b>				
	2020 (79,527")	50	<b>SAX.04</b>				



Schermo satinato  
*Satin screen*



Schermo prismatizzato  
*Prismatic screen*



Ottica asimmetrica  
*Asymmetric optics*

**Riferimenti pagina / Page references**

Accessori / <i>accessories</i>	pag. 174
Alimentatori / <i>power supply units</i>	pag. 186
Elettronica / <i>electronics</i>	pag. 192
Schemi di collegamento / <i>connection diagrams</i>	pag. 200 - D1/F1/G1/K1/P1

**Note / Notes**

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / *24 Vdc constant voltage supply dimmable, parallel connection*  
 A richiesta sono disponibili LED con temperature colore 2200 K e 2500 K / *LED with colour temperatures 2200 K and 2500 K are available on request*



Ra  
>80








3-STEP  
MACADAM

0°C  
40°C

140 - 180  
lm/W

## SAX MID POWER LED PLUS 24 Vdc MONOCROMATICO / MONOCHROMATIC

example **SAX.06.S40A1.0**

passo <i>pitch</i> [mm + in]	lunghezza <i>length</i> [mm + in]	potenza <i>power</i> [W]	codice <i>code</i>	+ ottiche <i>optics</i>	+ colori LED <i>LED colours</i>	+ finiture <i>finishes</i>	+ revisione <i>release</i>
10 mm 0,393"	145 (5,708")	5	<b>SAX.09</b>	<b>.A</b>  ottica asimmetrica <i>asymmetric optics</i>	<b>27</b>  warm white 2700 K	<b>A1</b>  alluminio anodizzato <i>anodized aluminium</i>	<b>.0</b>
	520 (20,472")	20	<b>SAX.05</b>				
	1020 (40,157")	40	<b>SAX.06</b>	<b>.S</b>  schermo satinato <i>satın screen</i>	<b>30</b>  warm white 3000 K		
	1520 (59,842")	60	<b>SAX.07</b>				
2020 (79,527")	80	<b>SAX.08</b>	<b>.V</b>  schermo prismattizzato <i>prismatic screen</i>	<b>40</b>  neutral white 4000 K			



Schermo satinato  
*Satin screen*



Schermo prismattizzato  
*Prismatic screen*



Ottica asimmetrica  
*Asymmetric optics*

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Accessori / <i>accessories</i>	pag. 174
Alimentatori / <i>power supply units</i>	pag. 186
Elettronica / <i>electronics</i>	pag. 192
Schemi di collegamento / <i>connection diagrams</i>	pag. 200 - D1/F1/G1/K1/P1

### Note / Notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection  
A richiesta sono disponibili LED con temperature colore 2200 K e 2500 K / LED with colour temperatures 2200 K and 2500 K are available on request



Ra  
**>80**







  
3-STEP  
MACADAM

  
0°C  
-40°C

**140 - 180**  
lm/W

### SAX MID POWER LED PLUS 110-240 Vac MONOCROMATICO / MONOCHROMATIC

example **SAX.10.S40A1.0**

passo <i>pitch</i> [mm + in]	lunghezza <i>length</i> [mm + in]	potenza codice <i>power code</i> [W]	+ ottiche <i>optics</i>	+ colori LED <i>LED colours</i>	+ finiture <i>finishes</i>	+ revisione <i>release</i>
5 mm 0,196"	145 (5,708")	6 <b>SAX.10</b>	<b>.A</b>  ottica asimmetrica <i>asymmetric</i> <i>optics</i> <b>.S</b>  schermo satinato <i>satın screen</i>	<b>27</b>  warm white 2700 K <b>30</b>  warm white 3000 K <b>40</b>  neutral white 4000 K	<b>A1</b>  alluminio anodizzato <i>anodized aluminium</i>	<b>.0</b>

#### Riferimenti pagina / Page references

Accessori / accessories

pag. 174

#### Note / Notes

Alimentazione a tensione di rete 110-240 Vac con collegamento in parallelo / 110-240 Vac mains voltage supply with parallel connection

A richiesta sono disponibili LED con temperature colore 2200 K e 2500 K / LED with colour temperatures 2200 K and 2500 K are available on request





## SCHEDA TECNICA

<b>Corpo</b>	estruso in lega di alluminio UNI 6060
<b>Schermo</b>	metacrilato, policarbonato
<b>Ottica</b>	ottica asimmetrica, schermo satinato o microprismato
<b>Tappi terminali</b>	acciaio inox
<b>Installazione</b>	tramite molle in acciaio
<b>Cavi di alimentazione</b>	vedi tabella pag. 196
<b>Sorgenti installabili</b>	<b>versione standard:</b> mid Power LED (passo 10 mm) - <b>versione PLUS:</b> mid Power LED (passo 5 mm)
<b>Alimentazione</b>	tensione costante 24 Vdc ( $\pm 5\%$ ) - tensione di rete 110-240 Vac
<b>Potenza assorbita per metro</b>	<b>versione standard:</b> 25 W - <b>versione PLUS:</b> 40 W
<b>Efficienza luminosa</b>	140 - 180 lm/W
<b>CRI</b>	Ra > 80
<b>Selezione cromatica</b>	3-step MacAdam
<b>Montaggio consigliato</b>	a incasso (mensola, parete, soffitto)
<b>Temperatura di funzionamento</b>	0°C ÷ 40°C
<b>Peso per metro</b>	<b>versione 24 Vdc:</b> 650 g/m - <b>versione 110-240 Vac:</b> 200 g/m
<b>Grado di protezione</b>	IP40, IK05
<b>Marchi</b>	CE, UL (solo per versioni asimmetriche a tensione costante)
<b>Normativa</b>	prodotti in conformità alle vigenti norme EN 60598-1; EN 60598-2 e sue parti - UI 2018; CAN/CSA C22.2 No. 250.0-08 Certificate number: 20191127-E506810 low-voltage lighting systems, power units, luminaires and fittings

## TECHNICAL INFORMATION

<b>Body</b>	aluminium extrusion alloy UNI 6060
<b>Screen</b>	methacrylate, polycarbonate
<b>Optics</b>	asymmetric optics, satin or microprismatic screen
<b>End caps</b>	stainless steel
<b>Installation</b>	with stainless steel fixing clips
<b>Power supply cables</b>	see table page 196
<b>Available light sources</b>	<b>standard version:</b> mid Power LED (pitch 10 mm - 0,393") - <b>PLUS version:</b> mid Power LED (pitch 5 mm - 0,196")
<b>Power supply</b>	24 Vdc constant voltage ( $\pm 5\%$ ) - 110-240 Vac mains voltage
<b>Power consumption per meter</b>	<b>standard version:</b> 25 W - <b>PLUS version:</b> 40 W
<b>Luminous efficiency</b>	140 - 180 lm/W
<b>CRI</b>	Ra > 80
<b>Chromatic selection</b>	MacAdam 3-step
<b>Recommended installation</b>	recessed (shelf, wall, ceiling)
<b>Working temperature</b>	0°C ÷ 40°C
<b>Weight per meter</b>	<b>24 Vdc version:</b> 650 g (22.92 oz/m) - <b>110-240 Vac version:</b> 200 g (7.05 oz/m)
<b>Protection degree</b>	IP40, IK05
<b>Markings</b>	CE, UL (only for constant voltage asymmetric versions)
<b>Norms</b>	products comply with norms EN 60598-1; EN 60598-2 and its parts - UI 2018; CAN/CSA C22.2 No. 250.0-08 Certificate number: 20191022-E506810 low-voltage lighting systems, power units, luminaires and fittings

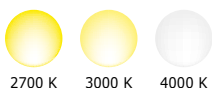
### Importante / Remarks:

La temperatura del metallo in prossimità del LED non deve superare il valore di 90°C  
The metal's temperature near the LED should not exceed 90°C (194 °F)



solo per versioni asimmetriche 24 Vdc  
24 Vdc asymmetric versions only

### Colori LED LED Colours

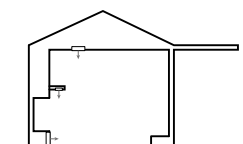


### Finiture Finishes



Alluminio anodizzato  
Anodized aluminium

### Montaggio consigliato Recommended installation



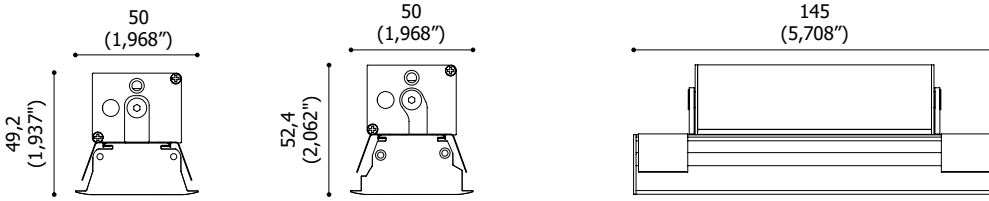
DISEGNI TECNICI / TECHNICAL DRAWINGS

Dimensioni in mm (in) / Dimensions in mm (in)

Sax 110-240 Vac

simmetrico  
symmetric

asimmetrico  
asymmetric

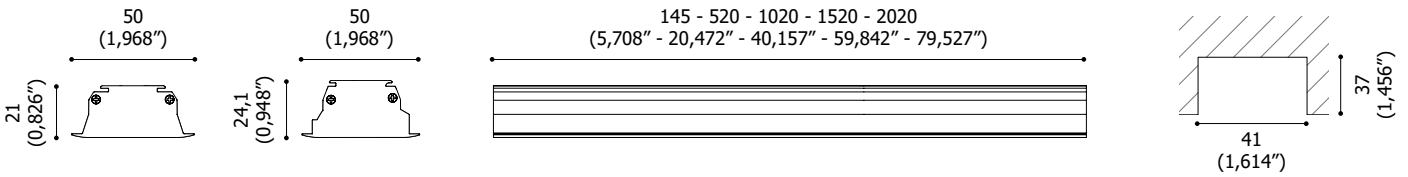


Per la versione con alimentazione a tensione di rete 110-240 Vac è necessaria la cassaforma CSF.0092.0  
The version with mains voltage 110-240 Vac needs recessing box CSF.0092.0

Sax 24 Vdc

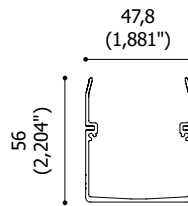
simmetrico  
symmetric

asimmetrico  
asymmetric



CASSEFORME / RECESSING BOXES

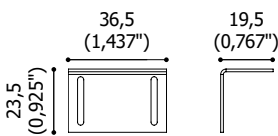
- CSF.0092.0** Cassaforma / recessing box 145 mm (5,708")
- CSF.0073.0** Cassaforma / recessing box 520 mm (20,472")
- CSF.0074.0** Cassaforma / recessing box 1020 mm (40,157")
- CSF.0075.0** Cassaforma / recessing box 1520 mm (59,842")
- CSF.0076.0** Cassaforma / recessing box 2020 mm (79,527")



ACCESSORI / ACCESSORIES

**ACC.0116.0**

kit staffe per cassaforma (4x)  
brackets for recessing box kit (4x)



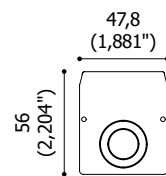
**ACC.0003.0**

kit di allineamento casseforme  
alignment kit for housing boxes



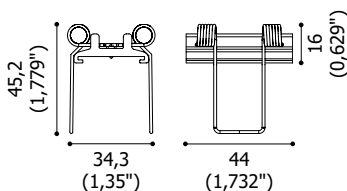
**ACC.0075.0**

coppia di testate per cassaforma  
couple of end caps for recessing box



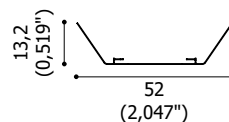
**ACC.0079.0 \***

molla di fissaggio per controsoffitti  
fixing spring for false ceilings



**ACC.0070.0 \***

molla di fissaggio per cassaforma e mensole  
fixing spring for recessing boxes and shelves



**\* Consigli per applicazione con molle**  
**Advices for spring application**

- 3 molle / springs: 520 mm (20,472")
- 1020 mm (40,157")
- 4 molle / springs: 1520 mm (59,842")
- 2020 mm (79,527")

Spessore minimo ÷ massimo per il montaggio 1 mm ÷ 24 mm  
Minimum ÷ maximum thickness for installation 1 mm (0,039") ÷ 24 mm (0,944")