

SHANGHAI

Design by Walter Gadda

PATENT

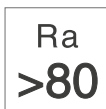


Sistema innovativo di illuminazione a LED progettato per interni, permette la creazione di infinite combinazioni e forme

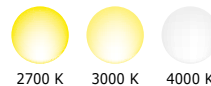
- **Applicazione:** soffitto
- **Ambientazione:** hotel, musei, uffici, case private, ingressi, atrii
- **Installazione:** a sospensione
- **Materiale:** alluminio - metacrilato - policarbonato
- **Finiture:** bianco o rosso opaco
- **Sorgente LED:** media potenza
- **Ottiche:** schermo satinato o prismaticizzato
- **Efficienza LED:** 140-180 lm/W
- **Funzionamento:** accensione on-off
- **Caratteristiche:** connessione senza cavi - lunghezza fino a 2,5 metri
- **Alimentazione:** tensione costante 24 Vdc

Professional innovative LED lighting system designed for indoor applications, it allows the creation of infinite combinations and shapes

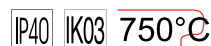
- **Applications:** ceiling
- **Settings:** hotels, museums, offices, private houses, lobbies, halls
- **Installation:** pendant
- **Materials:** aluminium - methacrylate - polycarbonate
- **Finishes:** matt white or red
- **LED Light source:** medium power
- **Optics:** satin or prismatic screen
- **LED efficiency:** 140 - 180 lm/W
- **Functions:** on-off
- **Features:** connection between modules without cables - lengths up to 2,5 metres (98,425")
- **Power supply:** 24 Vdc constant voltage



Colori LED / LED Colours



Caratteristiche / Features














Ra
>80



140 - 180
lm/W








SHANGHAI MID POWER LED 24 Vdc MONOEMISSIONE / MONOEMISSION

example *SHA.01.S40W1.0*

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"	1030 (40,551")	25	SHA.01	.S  schermo satinato <i>satin screen</i>	27  warm white 2700 K	W1  bianco opaco <i>matt white</i>	.0
	1530 (60,236")	38	SHA.02				
	2030 (79,921")	50	SHA.03	.V  schermo prismaticizzato <i>prismatic screen</i>	30  warm white 3000 K	R1  rosso opaco <i>matt red</i>	
	2530 (99,606")	63	SHA.04		40  neutral white 4000 K		

SHANGHAI MID POWER LED 24 Vdc MONOEMISSIONE / MONOEMISSION PLUS

example *SHA.07.V27R1.0*

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>
5 mm 0,196"	1030 (40,551")	40	SHA.05	.S  schermo satinato <i>satin screen</i>	27  warm white 2700 K	W1  bianco opaco <i>matt white</i>	.0
	1530 (60,236")	60	SHA.06				
	2030 (79,921")	80	SHA.07	.V  schermo prismaticizzato <i>prismatic screen</i>	30  warm white 3000 K	R1  rosso opaco <i>matt red</i>	
	2530 (99,606")	100	SHA.08		40  neutral white 4000 K		

Riferimenti pagina / Page references

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Alimentatori / <i>power supply units</i>	pag. 186
Elettronica / <i>electronics</i>	pag. 192
Schemi di collegamento / <i>connection diagrams</i>	pag. 200 - C1

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 differenti temperature colore / *LED with different colour temperatures are available on request*

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*



Square Tree Office - Panama City, Panama









Ra
>80



140 - 180
lm/W

SHANGHAI MID POWER LED 24 Vdc BIEMISSIONE / BIEMISSION

example *SHA.12.V40W1.0*

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"	1030 (40,551")	50	SHA.09	.V  schermo prismatizzato prismatic screen	27  warm white 2700 K	W1  bianco opaco matt white	.0
	1530 (60,236")	75	SHA.10				
	2030 (79,921")	100	SHA.11				
	2530 (99,606")	125	SHA.12				
					30  warm white 3000 K	R1  rosso opaco matt red	
					40  neutral white 4000 K		



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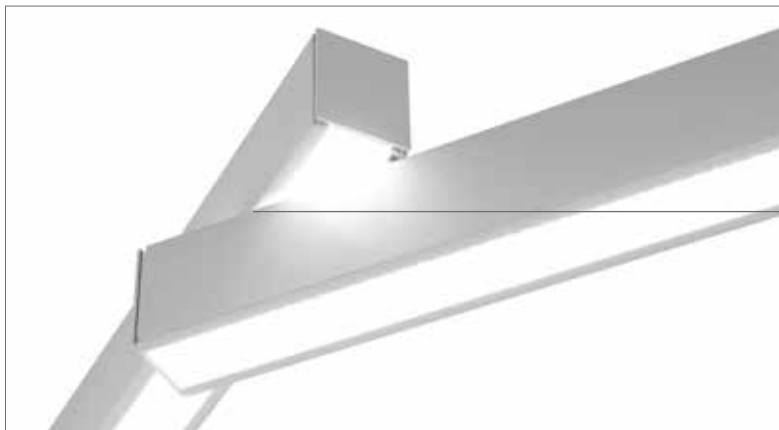
Note / Notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection
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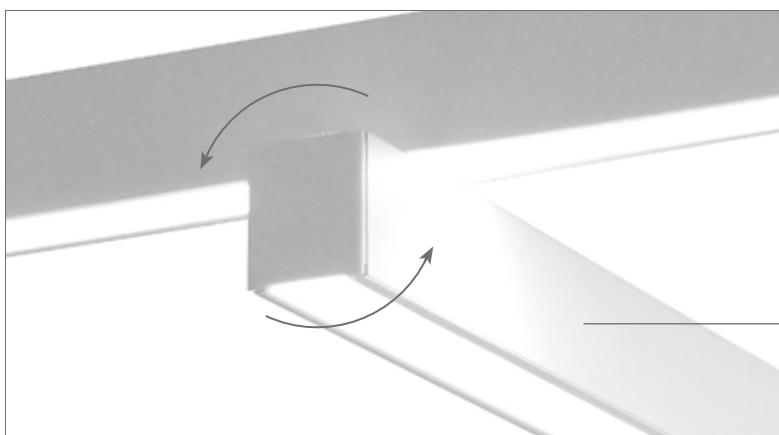
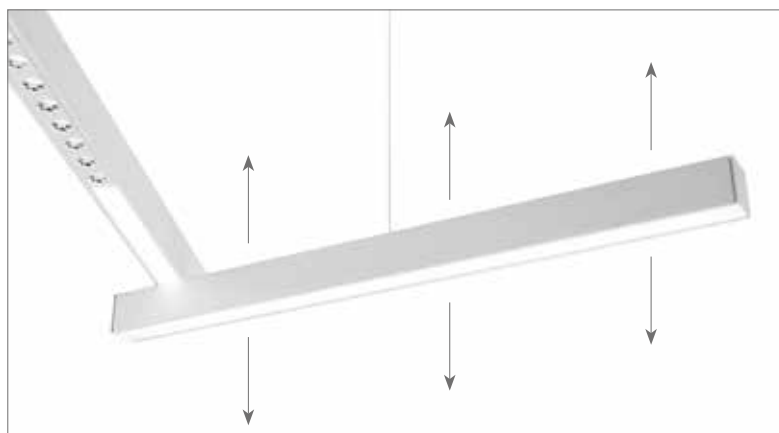
Private house - Milan, Italy

CARATTERISTICHE DEL SISTEMA / SYSTEM FEATURES



Connessione elettrica tra i moduli **senza cavi**
Wireless electric connection between modules

Illuminazione **diretta** o **diretta e indiretta**
Direct or **direct - indirect** lighting



Reversibilità dei moduli
 Modules **reversibility**



Schermo prismatico antiabbagliamento
 No glare prismatic screen



Schermo satinato
 Satin screen



Modulo speciale con ottiche ibride
 Special module with hybrid optics

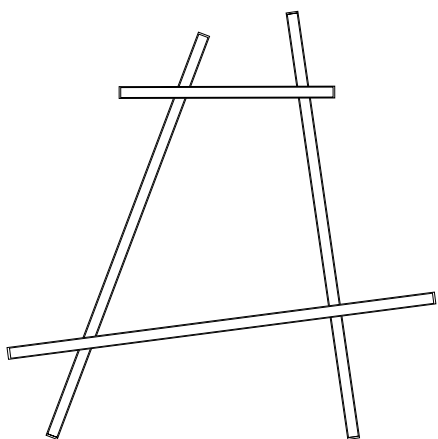
Una sola alimentazione *
One only power supply *

Un solo cavo per modulo
One only cable for module

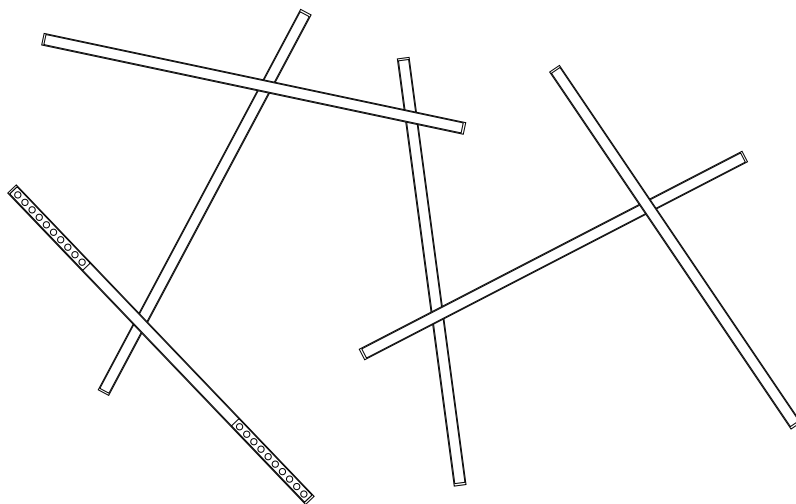


* max 12 metri per la versione standard; max 6 metri per versioni PLUS e biemissione
12 meters (39.37 ft) max for standard version; 6 meters (19.68 ft) max for PLUS and biemission versions

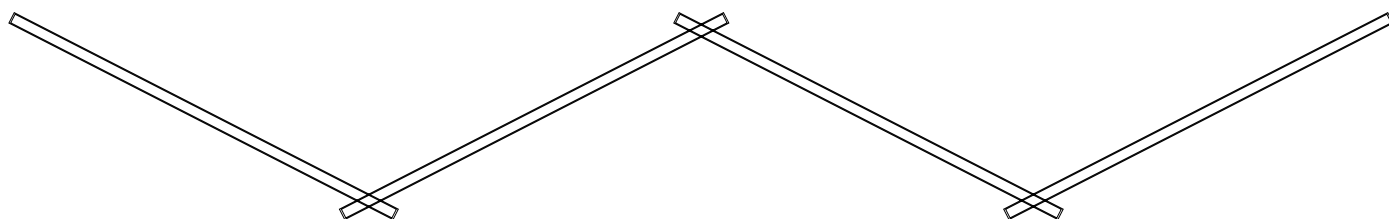
ESEMPI DI COMPOSIZIONE / COMPOSITION EXAMPLES



Composizione chiusa
Closed composition



Composizione aperta
Open composition



Composizione zig-zag
Zig-zag composition



Composizione lineare continua
Continuous linear composition

SCHEDA TECNICA

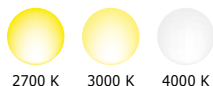
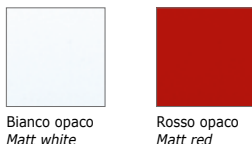
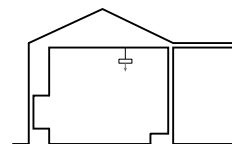
Corpo	alluminio
Schermo	metacrilato, policarbonato
Ottica	schermo opale o microprismato
Tappi terminali	PVC
Installazione	sospensione
Cavi di alimentazione	vedi tabella pag. 196
Sorgenti installabili	versione standard: mid Power LED (passo 10 mm) - versione PLUS: mid Power LED (passo 5 mm)
Alimentazione	tensione costante 24 Vdc ($\pm 5\%$), collegamento in parallelo - non dimmerabile
Potenza assorbita per metro	monoemissione: 25 W - monoemissione PLUS: 40 W - biemissione: 50 W
Efficienza luminosa	140 - 180 lm/W
CRI	Ra > 80
Selezione cromatica	3-step MacAdam
Montaggio consigliato	sospensione (soffitto)
Temperatura di funzionamento	0°C ÷ 40°C
Peso per metro	2600 g/m
Grado di protezione	IP40, IK03
Marchi	CE, UL
Normativa	prodotti in conformità alle vigenti norme EN 60598-1; EN 60598-2 e sue parti - UI 2018; IEC 60598-1; CSA C22.2 No. 250.0-08 Certificate number: 20191022-E506810 low-voltage lighting systems, power units, luminaires and fittings

TECHNICAL INFORMATION

Body	aluminium
Screen	methacrylate, polycarbonate
Optics	opal or microprismatic screen
End caps	PVC
Installation	suspended
Power supply cables	see table page 196
Available light sources	standard version: mid Power LED (pitch 10 mm - 0,393") - PLUS version: mid Power LED (pitch 5 mm - 0,196")
Power supply	24 Vdc constant voltage ($\pm 5\%$), parallel connection - not dimmable
Power consumption per meter	monoemission: 25 W - monoemission PLUS: 40 W - biemission: 50 W
Luminous efficiency	140 - 180 lm/W
CRI	Ra > 80
Chromatic selection	MacAdam 3-step
Recommended installation	suspended (ceiling)
Working temperature	0°C ÷ 40°C
Weight per meter	2600 g/m
Protection degree	IP40, IK03
Markings	CE, UL
Norms	products comply with norms EN 60598-1; EN 60598-2 and its parts - UI 2018; IEC 60598-1; CSA C22.2 No. 250.0-08 Certificate number: 20191022-E506810 low-voltage lighting systems, power units, luminaires and fittings

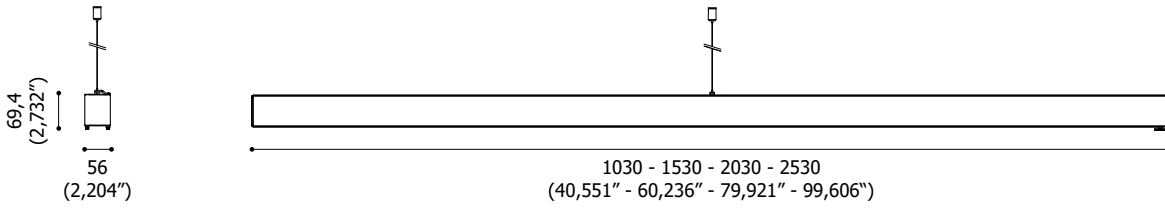
Importante / Remarks:

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)
Il prodotto deve essere utilizzato solo con gli alimentatori forniti e consigliati da Aldabra
The product must be used only with the power supplies provided and suggested by Aldabra

Colori LED
LED ColoursFiniture
FinishesMontaggio consigliato
Recommended installation

DISEGNI TECNICI / TECHNICAL DRAWINGS

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

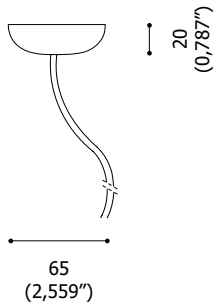


Nota: Quando viene installata una barra singola, senza composizioni, l'elemento deve essere dotato di 2 cavi di sospensione
Note: For single bar installation, without multiple compositions, the lighting element must be suspended with 2 cables

ACCESSORI / ACCESSORIES

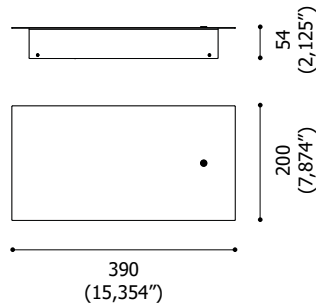
ACC.0087.0

rosone con cavo di alimentazione L. 200 cm verniciato bianco
 ceiling rose with power supply cable L. 200 cm (78,74'') painted white



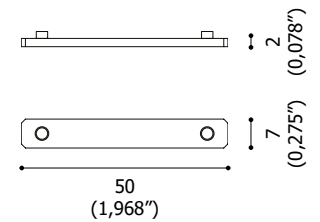
ACC.0088.0

rosone con cavo di alimentazione L. 200 cm e alimentatore 320 W 24 Vdc verniciato bianco
 ceiling rose with power supply cable L. 200 cm (78,74'') and power supply 320 W 24 Vdc painted white



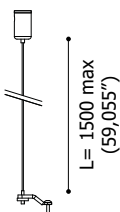
ACC.0089.0

kit di connessione in linea
 1 coppia
 linear connection kit
 1 couple



ACC.0090.0

kit di sospensione bianco
 white suspension kit



ACC.0144.0

kit di sospensione rosso
 red suspension kit

