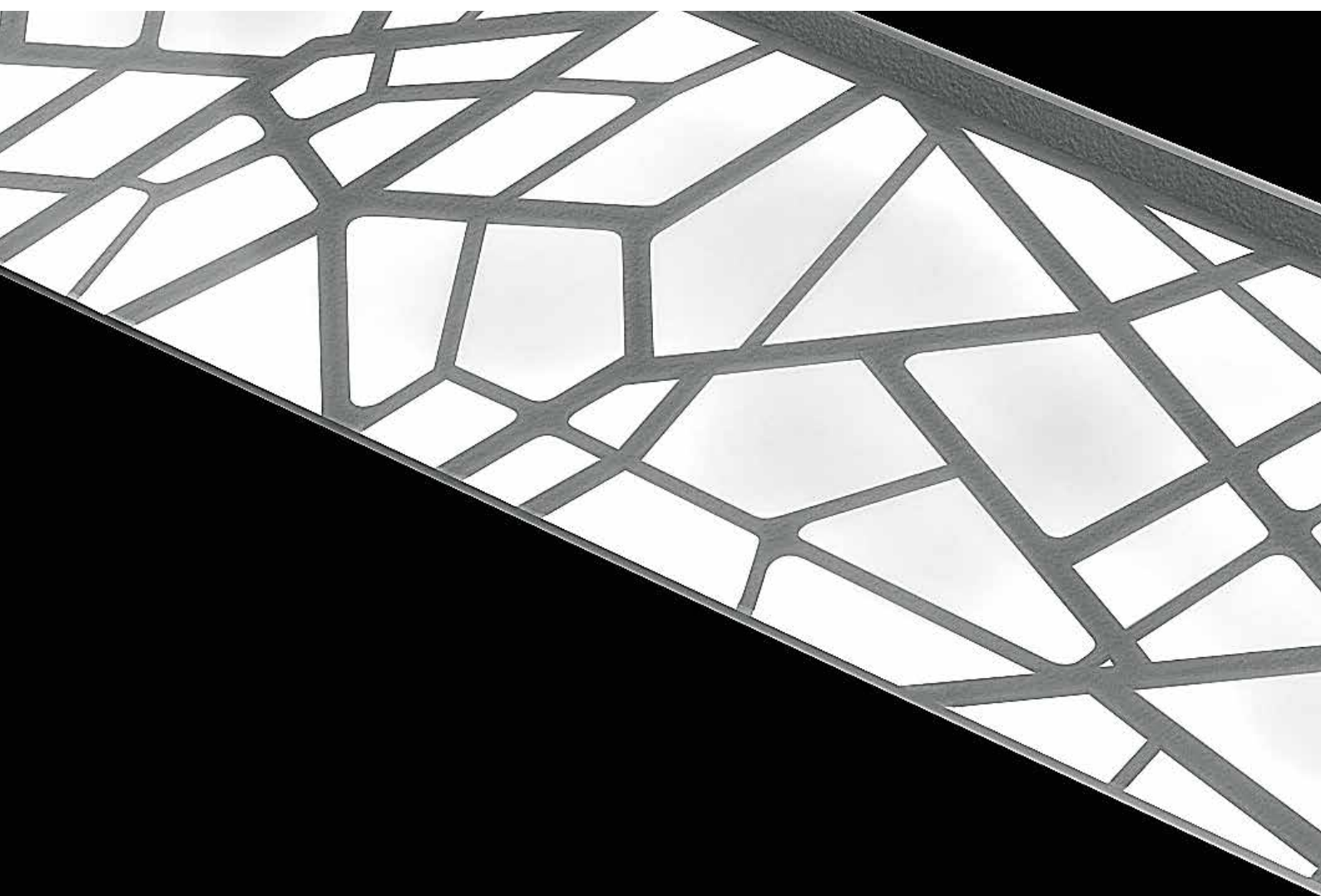


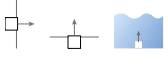
# EK4



**Sistema lineare modulare professionale per illuminazione di segnalazione adatto ad ambienti interni ed esterni**

<b>Applicazioni</b>	gradini, nicchie, muri, parapetti, mensole
<b>Ambientazioni</b>	hotel, musei, edifici storici, abitazioni private
<b>Installazioni</b>	da incasso con cassaforma
<b>Materiali</b>	alluminio - resine
<b>Finiture</b>	alluminio anodizzato
<b>Sorgente</b>	mid Power LED 140 - 180 lm/W
<b>Ottiche</b>	diffusore opale (115°) - disegni decorativi integrati
<b>Funzionamento</b>	accensione on-off o dimmerabile
<b>Caratteristiche</b>	dimensioni ridotte - lunghezza fino a 2 metri
<b>Alimentazione</b>	tensione costante 24 Vdc

## Installazione / installation



## Caratteristiche / features

IP66

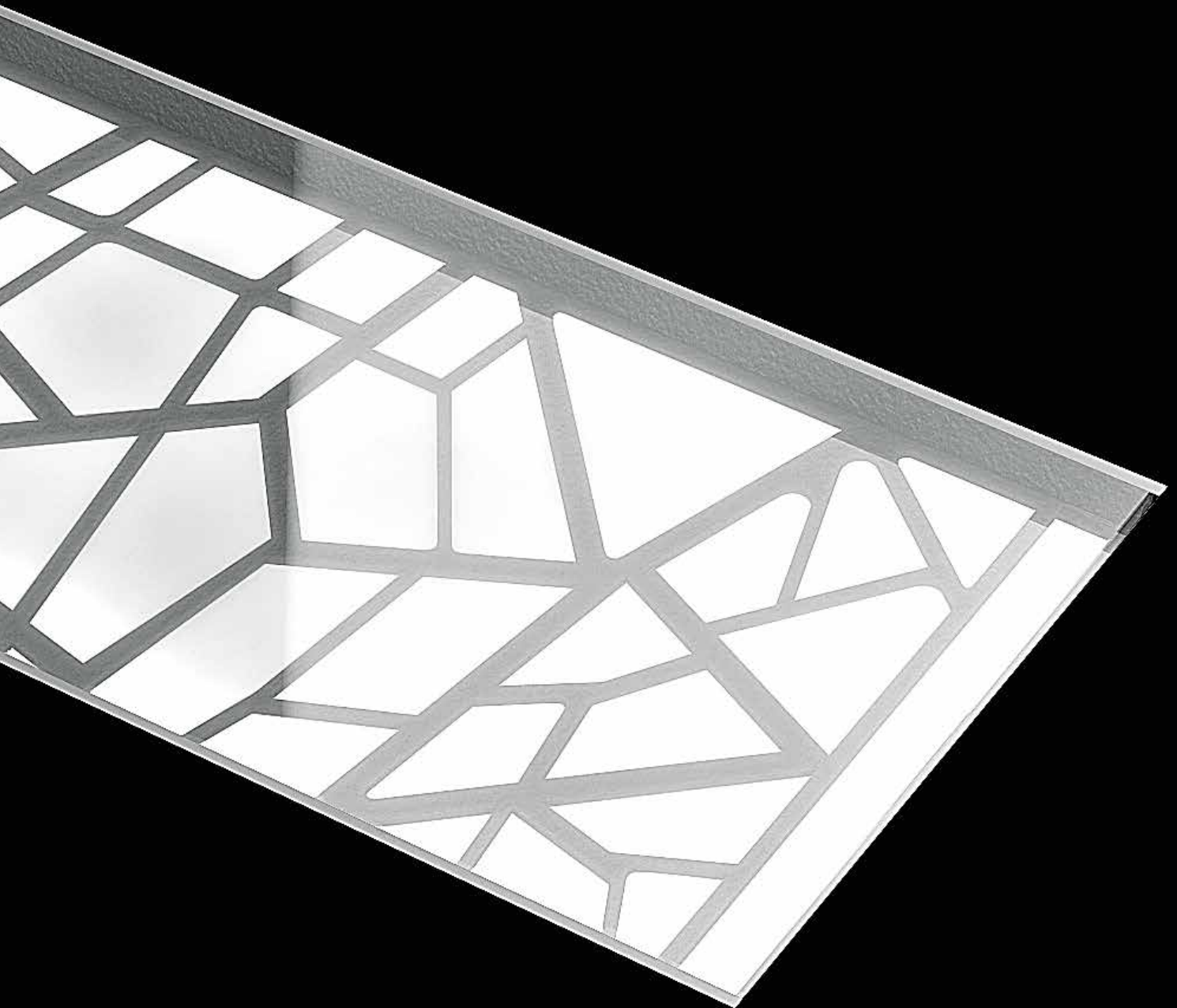
IP68

IK10



750°C

## Colori LED / LED colours


**Professional modular linear lighting system for signal lighting suitable for indoor and outdoor settings**

<b>Applications</b>	<i>steps, niches, walls, parapets, shelves</i>
<b>Settings</b>	<i>hotels, museums, historical buildings, private houses</i>
<b>Installations</b>	<i>recessed with housing</i>
<b>Materials</b>	<i>aluminium - resins</i>
<b>Finishes</b>	<i>anodized aluminium</i>
<b>Light source</b>	<i>mid Power LED 140 - 180 lm/W</i>
<b>Optics</b>	<i>opal diffuser (115°) - integrated decorative patterns</i>
<b>Functions</b>	<i>on-off, dimmable</i>
<b>Features</b>	<i>reduced dimensions - lengths up to 2 meters (78,74")</i>
<b>Power supply</b>	<i>24 Vdc constant voltage</i>

Ra  
>803-STEP  
MAGADAM-30°C  
50°C140 - 180  
lm/W

## MID POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC

example EK4.03.D37A1.0

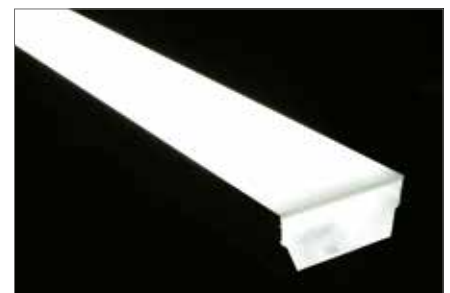
passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
20 mm 0,787"	520 (20,472") 1020 (40,157") 1520 (59,842") 2020 (79,527")	18 36 54 72	<b>EK4.01</b> <b>EK4.02</b> <b>EK4.03</b> <b>EK4.04</b>	<b>.D</b> diffusore opale opal diffuser 115°	<b>27</b> warm white 2700 K <b>30</b> warm white 3000 K <b>37</b> neutral white 3700 K	<b>A1</b> alluminio anodizzato anodized aluminium	<b>.0</b>



EK4 2700 K



EK4 3000 K



EK4 3700 K

## Riferimenti pagina / page references

Accessori / accessories	pag. 362
Alimentatori / power supply units	pag. 376
Elettronica / electronics	pag. 380
Schemi di collegamento / connection diagrams	pag. 392 - 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 differenti temperature colore / LED with different colour temperatures are available on request









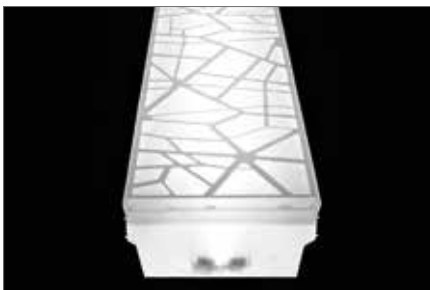
Ra  
>803-STEP  
MACADAM-30°C  
50°C140 - 180  
lm/W

## DECORI / PATTERNS

## MID POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC

example EK4.04.237A1.0

passo pitch [mm + in]	lunghezza length [mm + in]	potenza power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
20 mm 0,787"	520 (20,472")	18	<b>EK4.01</b>	.2  RAMI	37  neutral white 3700 K	A1  alluminio anodizzato anodized aluminium	.0
	1020 (40,157")	36	<b>EK4.02</b>				
	1520 (59,842")	54	<b>EK4.03</b>	.3  GIRAFFA			
	2020 (79,527")	72	<b>EK4.04</b>				

EK4 con decoro integrato RAMI  
EK4 with integrated pattern RAMIProdotto resistente agli urti  
Shockproof product

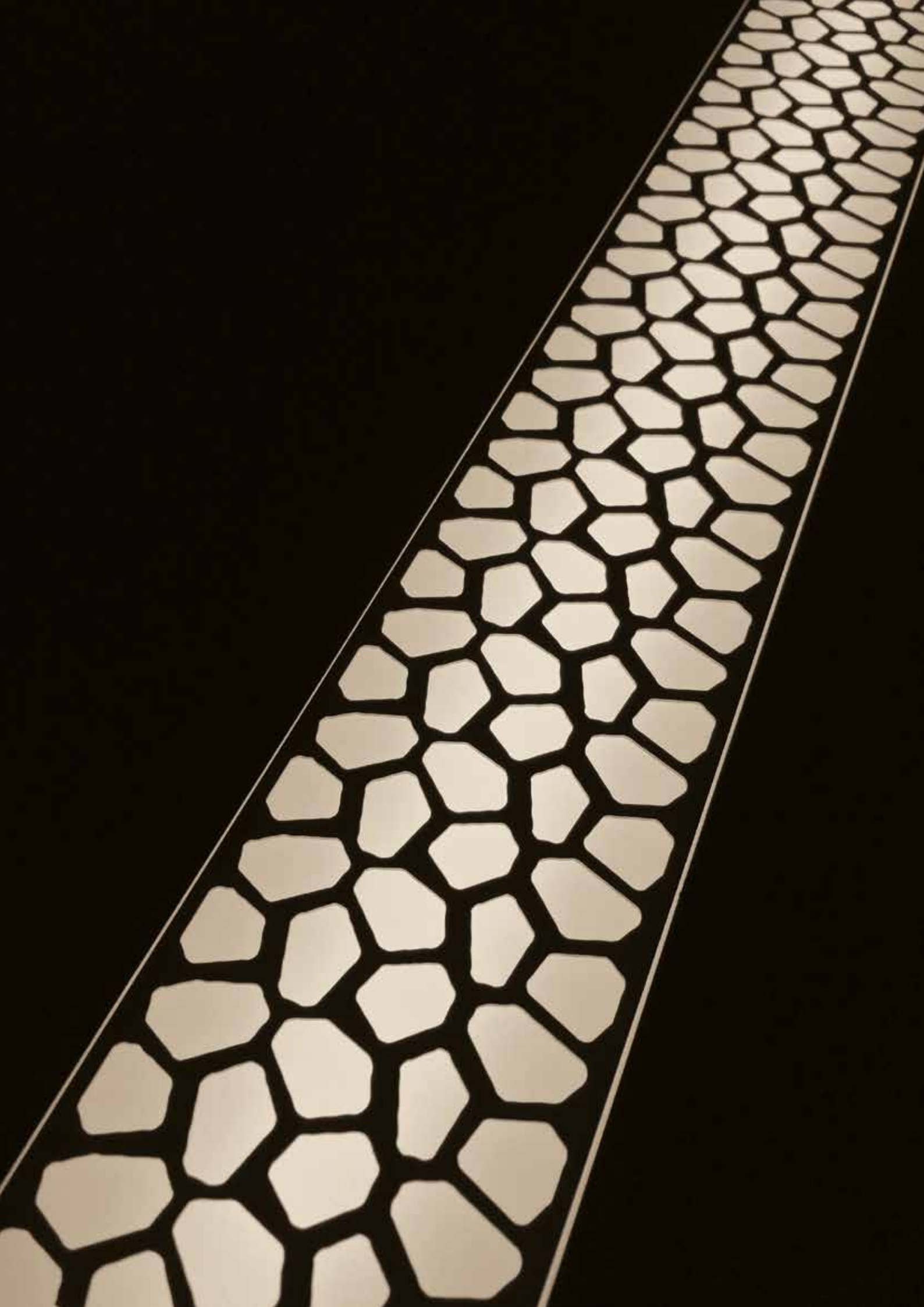
## Riferimenti pagina / page references

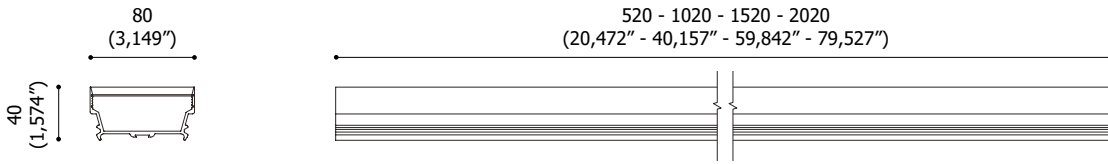
Accessori / accessories	pag. 362
Alimentatori / power supply units	pag. 376
Elettronica / electronics	pag. 380
Schemi di collegamento / connection diagrams	pag. 392 - D1/F1/G1/K1/P1

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

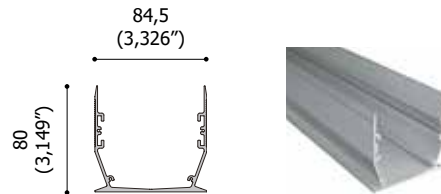




## CASSEFORME / RECESSING BOXES

- CSF.0077.0** Cassaforma senza bordo / trimless recessing box 520 mm (20,472")  
**CSF.0078.0** Cassaforma senza bordo / trimless recessing box 1020 mm (40,157")  
**CSF.0079.0** Cassaforma senza bordo / trimless recessing box 1520 mm (59,842")  
**CSF.0080.0** Cassaforma senza bordo / trimless recessing box 2020 mm (79,527")

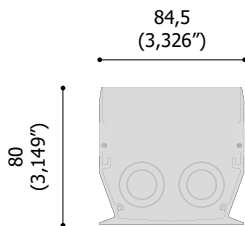
Molle di fissaggio incluse / Fixing springs included



## ACCESSORI / ACCESSORIES

**ACC.0071.0**

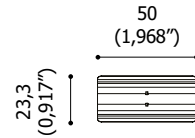
coppia di testate per cassaforma  
couple of end caps for recessing box

**ACC.0020.0**

attrezzo per estrazione modulo da cassaforma  
tool for pulling out the module from the housing box

**ACC.0076.0**

molla di fissaggio - 1 coppia  
fixing spring - 1 couple

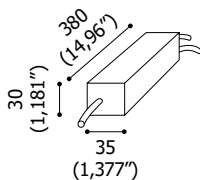


Consigli per applicazione con molle  
Advices for springs application

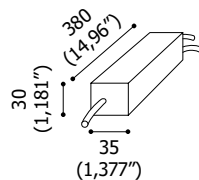
- 2 coppie di molle 520 mm (20,472") -  
2 couple of springs: 1020 mm (40,157")  
3 coppie di molle 1520 mm (59,842") -  
3 couple of springs: 2020 mm (79,527")

**ACC.0027.1**

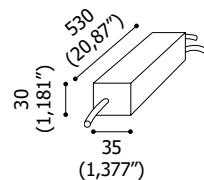
box di alimentazione 220-240 Vac 50/60 Hz  
30W SELV - ENEC - CE - IP67  
power supply box 220-240 Vac 50/60 Hz  
30W SELV - ENEC - CE - IP67

**ACC.0029.1**

box di alimentazione 220-240 Vac 50/60 Hz  
60W SELV - ENEC - CE - IP67  
power supply box 220-240 Vac 50/60 Hz  
60W SELV - ENEC - CE - IP67

**ACC.0078.1**

box di alimentazione 220-240 Vac 50/60 Hz  
100W SELV - ENEC - CE - IP67  
power supply box 220-240 Vac 50/60 Hz  
100W SELV - ENEC - CE - IP67

**Note / notes**

Versioni dimmerabili 1-10 V disponibili su richiesta / Dimmable 1-10 V versions available on request

**ACC.0082.0**

kit staffe di fissaggio box di alimentazione  
power supply box fixing brackets



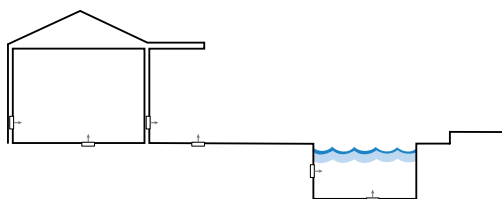
## SCHEDA TECNICA

<b>Corpo</b>	alluminio, resina
<b>Schermo</b>	resina
<b>Finitura</b>	alluminio anodizzato
<b>Ottica</b>	diffusore opale (115°) - disegni decorativi integrati
<b>Viteria</b>	acciaio inox
<b>Fissaggio</b>	a incasso tramite cassaforma
<b>Cavi di alimentazione</b>	vedi tabella pag. 390
<b>Colori LED</b>	2700 K, 3000 K, 3700 K
<b>Alimentazione</b>	tensione costante 24 Vdc (±5%), collegamento in parallelo
<b>Potenza assorbita per metro</b>	Mid Power LED 36 W (passo 20 mm)
<b>Efficienza luminosa</b>	mid Power LED 140 - 180 lm/W
<b>CRI</b>	Ra > 80
<b>Selezione cromatica</b>	3-step MacAdam
<b>Montaggio consigliato</b>	a incasso (parete, pavimento) - immersione
<b>Temperatura di funzionamento</b>	-30°C ÷ 50°C
<b>Temperatura della superficie</b>	Ts ≤ 65° C
<b>Resistenza al carico statico</b>	1000 kg
<b>Peso per metro</b>	3300 g
<b>Grado di protezione</b>	IP66/IP68 - 30 metri, IK10
<b>Marchi</b>	CE, UL
<b>Normativa</b>	prodotti in conformità alle vigenti norme EN60598-1 e sue parti; EN60598-2 e sue parti - UL 676; CSA C22.2 No. 89-15; UL 2018; UL 1598/C250.-08 - Certificate number: 20190726-E506880 submersible luminaires

## TECHNICAL INFORMATION

<b>Body</b>	aluminium, resin
<b>Screen</b>	resin
<b>Finish</b>	anodized aluminium
<b>Optics</b>	opal diffuser (115°) - integrated decorative patterns
<b>Screws</b>	stainless steel
<b>Installation</b>	recessed in recessing box
<b>Power supply cables</b>	see table pag. 390
<b>LED Colours</b>	2700 K, 3000 K, 3700 K
<b>Power supply</b>	24 Vdc (±5%) constant voltage - parallel connection
<b>Absorbed power per meter</b>	Mid Power LED 4 W (pitch 20 mm - 0,787")
<b>Luminous efficiency</b>	mid Power LED 140 - 180 lm/W
<b>CRI</b>	Ra > 80
<b>Chromatic selection</b>	MacAdam 3-step
<b>Recommended installation</b>	recessed (wall, floor) - immersion
<b>Static load resistance</b>	1000 kg (2.204 Lbs)
<b>Working temperature</b>	-30°C ÷ 50°C (-22°F ÷ 122°F)
<b>Surface temperature</b>	Ts ≤ 65°C (149°F)
<b>Weight per meter</b>	4000 g (141.1 oz)
<b>Protection degree</b>	IP66/IP68 - 30 meters (98,42 ft), IK10
<b>Markings</b>	CE, UL
<b>Norms</b>	products comply norms EN60598-1 and its parts; EN60598-2 and its parts - UL 676; CSA C22.2 No. 89-15; UL 2018; UL 1598/C250.-08 - Certificate number: 20190726-E506880 submersible luminaires

## Montaggio consigliato / recommended installation



## Caratteristiche / features



IP68 30 m (98,42 ft)

## Note / notes

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