

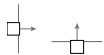
# KAY



## Apparecchio a incasso carrabile per interni ed esterni

<b>Applicazioni</b>	pavimentazioni, facciate, alberi di piccola e media dimensione, vasche, fontane, piscine
<b>Ambientazioni</b>	piazze, vie, hotel, abitazioni private, centri commerciali
<b>Installazioni</b>	a incasso
<b>Materiali</b>	alluminio - acciaio - vetro
<b>Finiture</b>	acciaio inox satinato
<b>Sorgente</b>	Power LED 105 - 130 lm/W
<b>Ottiche</b>	narrow beam (10°) - medium beam (25°) - wide beam (35° - 45°) - diffusore trasparente e satinato (59°)
<b>Funzionamento</b>	accensione on-off o dimmerabile
<b>Caratteristiche</b>	fissaggio con viti antieffrazione
<b>Alimentazione</b>	corrente costante 350/500 mA - tensione costante 24 Vdc

Installazione / installation



Caratteristiche / features

IP66

IP68

IK08

3500kg

960°C

AQA  
STOP  
ELEX

Colori LED / LED colours












### Drive-over recessed fixture for indoor and outdoor applications

<b>Applications</b>	<i>pavings, facades, small and medium-sized trees, pools, fountains</i>
<b>Settings</b>	<i>squares, streets, hotels, private houses, shopping centres</i>
<b>Installations</b>	<i>ground or wall recessed with housing</i>
<b>Materials</b>	<i>aluminium - steel - glass</i>
<b>Finishes</b>	<i>satin stainless steel</i>
<b>Light source</b>	<i>Power LED 105 - 130 lm/W</i>
<b>Optics</b>	<i>narrow beam (10°) - medium beam (25°) - wide beam (35° - 45°) - transparent and satin diffuser (59°)</i>
<b>Functions</b>	<i>on-off, dimmable</i>
<b>Features</b>	<i>anti-vandal screws</i>
<b>Power supply</b>	<i>350/500 mA constant current - 24 Vdc constant voltage</i>

Ra  
>802-STEP  
MACADAM-30°C  
50°C105 - 130  
lm/W

## POWER LED 350/500 mA MONOCROMATICO / MONOCHROMATIC

example KAY.01.W40S1.0

numero LED LED number	potenza total power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
3	3/4,5	<b>KAY.01</b>	<b>.M</b>  narrow beam 10°	<b>27</b>  warm white 2700 K	<b>S1</b>  acciaio inox satinato satin stainless steel	<b>.0</b>
4	4/6	<b>KAY.02</b>	<b>.F</b>  medium beam 25°	<b>30</b>  warm white 3000 K		
			<b>.W</b>  wide beam 35°	<b>40</b>  neutral white 4000 K		
			<b>.T</b>  diffondente trasparente transparent diffuser 59°			
			<b>.S</b>  diffondente satinato satin diffuser 59°			

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## Note / notes










Alimentazione a corrente costante da 350 mA a 500 mA con collegamento in serie / 350/500 mA constant current supply with series connection

A richiesta sono disponibili LED con differenti temperature colore / LED with different colour temperatures are available on request

Ra  
>802-STEP  
MACADAM-30°C  
50°C105 - 130  
lm/W

## POWER LED 24 Vdc MONOCROMATICO / MONOCHROMATIC

example KAY.04.S30S1.0

numero LED LED number	potenza total power [W]	codice code	+ ottiche optics	+ colori LED LED colours	+ finiture finishes	+ revisione release
3	5	<b>KAY.03</b>	<b>.M</b>  narrow beam 10°	<b>27</b>  warm white 2700 K	<b>S1</b>  acciaio inox satinato satin stainless steel	<b>.0</b>
4	7	<b>KAY.04</b>	<b>.F</b>  medium beam 25°	<b>30</b>  warm white 3000 K		
			<b>.W</b>  wide beam 35°	<b>40</b>  neutral white 4000 K		
			<b>.T</b>  diffondente trasparente transparent diffuser 59°			
			<b>.S</b>  diffondente satinato satin diffuser 59°			

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## 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



## POWER LED 24 Vdc RGB

example KAY.03.T90S1.0

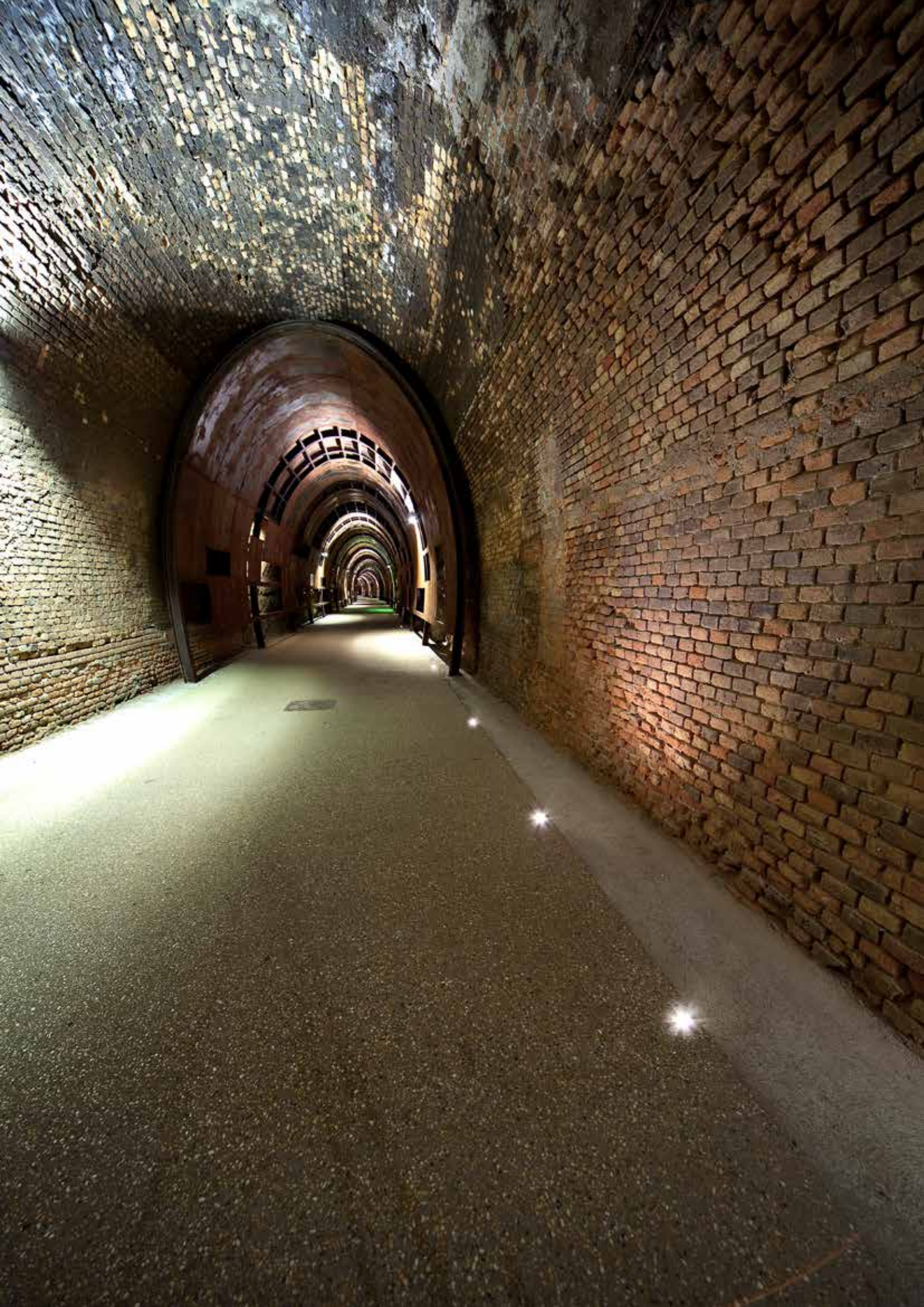
numero LED LED number	potenza total power [W]	codice code	+	ottiche optics	+	colori LED LED colours	+	finiture finishes	+	revisione release
3	4	<b>KAY.03</b>		<b>.W</b>  wide beam 45°		<b>90</b>  RGB		<b>S1</b>  acciaio inox satinato satin stainless steel		<b>.0</b>
				<b>.T</b>  diffondente trasparente transparent diffuser 59°						
				<b>.S</b>  diffondente satinato satin diffuser 59°						

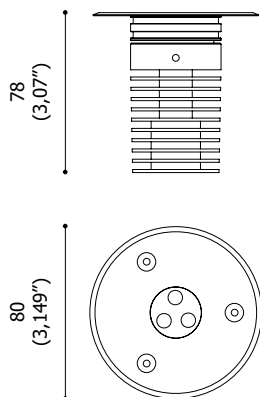
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## Note / notes

Alimentazione a tensione costante 24 Vdc dimmerabile, collegamento in parallelo / 24 Vdc constant voltage supply dimmable, parallel connection



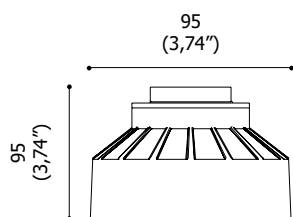


Foro d'incasso / dimensions of recessing hole  
46 mm (1,811")

## CASSEFORME / RECESSING BOXES

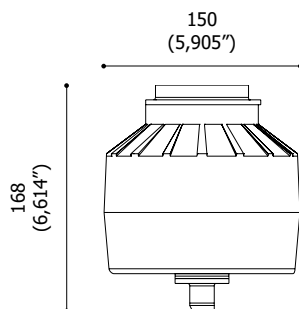
### CSF.0013.1

cassaforma drenante  
draining recessing box



### CSF.0029.0

cassaforma per IP68 h 168 mm  
recessing box for IP68 h 168 mm (6,614")



## ACCESSORI / ACCESSORIES

### ACC.0268.0

chiave per chiusura cassaforma per IP68  
key for closing the recessing box for IP68

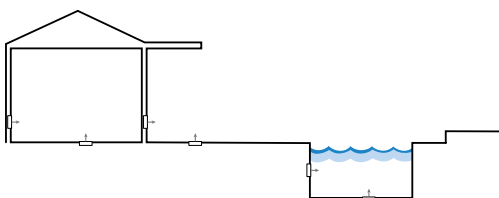
## SCHEMA TECNICA

<b>Corpo</b>	lega di alluminio ANTICORODAL UNI 6060
<b>Schermo</b>	vetro piano temprato trasparente o satinato
<b>Frontale</b>	acciaio inox AISI 316L
<b>Finitura</b>	acciaio inox satinato
<b>Ottica</b>	narrow beam (10°) - medium beam (25°) - wide beam (35° - 45°) - diffusore trasparente e satinato (59°)
<b>Viteria</b>	acciaio inox AISI 316L (TORX TX 20 + PIN)
<b>Guarnizioni</b>	gomma siliconica, teflon
<b>Fissaggio</b>	tramite viti e guarnizioni in silicone
<b>Pressacavo</b>	PG7 in ottone nichelato
<b>Cavi di alimentazione</b>	vedi tabella pag. 390
<b>Colori LED</b>	2700 K, 3000 K, 4000 K, RGB
<b>Alimentazione</b>	tensione costante 24 Vdc - corrente costante 350/500 mA
<b>Potenza assorbita</b>	<b>monocromatico: 3 LED 3 W 350 mA, 4,5 W 500 mA, 5 W 24 Vdc - 4 LED 4 W 350 mA, 6 W 500 mA, 7 W 24 Vdc</b> <b>RGB: 4 W 24 Vdc</b>
<b>Efficienza luminosa</b>	Power LED 105 - 130 lm/W
<b>CRI</b>	Ra > 80
<b>Selezione cromatica</b>	2-step MacAdam
<b>Montaggio consigliato</b>	a incasso (parete, pavimento)
<b>Temperatura di funzionamento</b>	-30°C ÷ 50°C
<b>Temperatura della superficie</b>	Ts ≤ 65° C
<b>Resistenza al carico</b>	carrabile fino a 3500 kg
<b>Peso</b>	<b>350/500 mA:</b> 306 g - <b>24 Vdc:</b> 346 g
<b>Grado di protezione</b>	IP66/IP68, IK08
<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: 20190727-E506879 submersible and swimming pool luminaires

## TECHNICAL INFORMATION

<b>Body</b>	ANTICORODAL aluminium alloy UNI 6060
<b>Screen</b>	tempered transparent or satin flat glass
<b>Front</b>	stainless steel AISI 316L
<b>Finish</b>	satin stainless steel
<b>Optics</b>	narrow beam (10°) - medium beam (25°) - wide beam (35° - 45°) - transparent and satin diffuser (59°)
<b>Screws</b>	stainless steel AISI 316L (TORX TX 20 + PIN)
<b>Gaskets</b>	silicone rubber, teflon
<b>Cable gland</b>	PG7 in nickleled brass
<b>Installation</b>	by screws or silicone gaskets
<b>Power supply cables</b>	see table pag. 390
<b>LED Colours</b>	2700 K, 3000 K, 4000 K, RGB
<b>Power supply</b>	24 Vdc constant voltage - 350/500 mA constant current
<b>Absorbed power</b>	<b>monochromatic: 3 LED 3 W 350 mA, 4,5 W 500 mA, 5 W 24 Vdc - 4 LED 4 W 350 mA, 6 W 500 mA, 7 W 24 Vdc</b> <b>RGB: 4 W 24 Vdc</b>
<b>Luminous efficiency</b>	Power LED 105 - 130 lm/W
<b>CRI</b>	Ra > 80
<b>Chromatic selection</b>	MacAdam 2-step
<b>Recommended installation</b>	recessed (wall, floor)
<b>Working temperature</b>	-30°C ÷ 50°C (-22°F ÷ 122°F)
<b>Surface temperature</b>	Ts ≤ 65°C (149°F)
<b>Load resistance</b>	drive-over up to 3500 kg (7.716 Lbs)
<b>Weight</b>	<b>350/500 mA:</b> 306 g (10.79 oz) - <b>24 Vdc:</b> 346 g (12.20 oz)
<b>Protection degree</b>	IP66/IP68, IK08
<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: 20190727-E506879 submersible and swimming pool luminaires

## Montaggio consigliato / recommended installation



## Caratteristiche / features



## 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)