

# A L C O R



Apparecchio a incasso carrabile per interni ed esterni

- **Applicazione:** pavimentazioni, illuminazione d'accento di facciate, alberi di piccola dimensione, vasche, fontane, piscine
- **Ambientazione:** piazze, vie, hotel, abitazioni private, centri commerciali
- **Installazione:** a incasso
- **Materiale:** acciaio inox - vetro
- **Finiture:** acciaio inox satinato
- **Sorgente LED:** alta potenza
- **Ottiche:** 8° - 22° - 48° ottiche arretrate  
vetro trasparente o satinato  
45° - vetro trasparente o satinato (RGB)
- **Funzionamento:** accensione on-off o dimmerabile
- **Caratteristiche:** fissaggio con viti antieffrazione  
acciaio inox Aisi 316L garantito 10 anni
- **Alimentazione:** corrente costante 350/500 mA  
tensione costante 24Vdc

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

- **Applications:** pavings, accent lighting of facades, small trees, water features, pools, fountains
- **Setting:** squares, streets, hotels, private houses, shopping centres
- **Installation:** recessed
- **Material:** stainless steel - glass
- **Finishes:** satin stainless steel
- **LED Light source:** high power
- **Optics:** 8° - 22° - 48° recessed optics  
transparent or satin glass  
45° - transparent or satin glass (RGB)
- **Functions:** on-off, dimmable
- **Features:** anti-vandal screws  
10 years guaranteed stainless steel Aisi 316L
- **Power supply:** constant current 350/500mA  
constant voltage 24Vdc

## Colori LED / LED Colours



Bianco 3000K  
White 3000K



Bianco 4000K  
White 4000K



Bianco 5500K  
White 5500K



RGB

## Caratteristiche / Characteristics







Abitazione privata - Pontirolo (BG), Italia - Alcor 5500K ottica 48° - Lighting Designer Andrea Mazza  
Private house - Pontirolo (BG), Italy - Alcor 5500K optics 48° - Lighting Designer Andrea Mazza

## ALCOR POWER LED 1W 350mA - 2W 500mA MONOCROMATICO / MONOCHROMATIC


## Ottica 8° / optics 8°

		3000K	4000K	5500K
	Inox Aisi 316L satinato / <i>satin stainless steel</i>	ALC.004.28	ALC.005.28	ALC.006.28


## Ottica 22° / optics 22°

	Inox Aisi 316L satinato / <i>satin stainless steel</i>	ALC.007.28	ALC.008.28	ALC.009.28
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## Ottica 48° / optics 48°

	Inox Aisi 316L satinato / <i>satin stainless steel</i>	ALC.010.28	ALC.011.28	ALC.012.28
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## Vetro trasparente / transparent glass

	Inox Aisi 316L satinato / <i>satin stainless steel</i>	ALC.013.28	ALC.014.28	ALC.015.28
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## Vetro satinato / satin glass

	Inox Aisi 316L satinato / <i>satin stainless steel</i>	ALC.016.28	ALC.017.28	ALC.018.28
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Ottiche arretrate 8°, 22°, 48°  
Recessed optics 8°, 22°, 48°

## Riferimenti pagina / Page references:


Elettronica di controllo / <i>Electronic control gear</i>	Pag. 595
Alimentatori / <i>Power supply units</i>	Pag. 592, 593
Schemi di collegamento / <i>Connection diagrams</i>	Pag. 606: A, D, H, R
Diagrammi conici / <i>Conical diagrams</i>	Pag. 618
Accessori / <i>Accessories</i>	Pag. 576
Cassaforme / <i>Housing boxes</i>	Pag. 572

## Importante / Remarks:


Alimentazione a corrente costante con collegamento in serie / *Constant current supply with series connection*  
A richiesta anche con LED nei colori Rosso, Blu, Verde / *On request, LEDS are available also in Red, Blue, Green colours*

## ALCOR POWER LED 2W 24Vdc MONOCROMATICO / MONOCHROMATIC


## Ottica 8° / optics 8°

		3000K	4000K	5500K
	Inox Aisi 316L satinato / <i>satin stainless steel</i>	ALC.022.28	ALC.023.28	ALC.024.28


## Ottica 22° / optics 22°

	Inox Aisi 316L satinato / <i>satin stainless steel</i>	ALC.025.28	ALC.026.28	ALC.027.28
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## Ottica 48° / optics 48°

	Inox Aisi 316L satinato / <i>satin stainless steel</i>	ALC.028.28	ALC.029.28	ALC.030.28
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## Vetro trasparente / transparent glass

	Inox Aisi 316L satinato / <i>satin stainless steel</i>	ALC.031.28	ALC.032.28	ALC.033.28
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## Vetro satinato / satin glass

	Inox Aisi 316L satinato / <i>satin stainless steel</i>	ALC.034.28	ALC.035.28	ALC.036.28
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Ottiche arretrate 8°, 22°, 48°  
Recessed optics 8°, 22°, 48°

## Riferimenti pagina / Page references:

Elettronica di controllo / <i>Electronic control gear</i>	Pag. 600, 601, 602, 603
Alimentatori / <i>Power supply units</i>	Pag. 590, 591
Schemi di collegamento / <i>Connection diagrams</i>	Pag. 606: G, I, I bis, Q
Diagrammi conici / <i>Conical diagrams</i>	Pag. 618
Accessori / <i>Accessories</i>	Pag. 576
Cassaforme / <i>Housing boxes</i>	Pag. 572

## Importante / Remarks:

Alimentazione a tensione costante 24Vdc dimmerabile, collegamento in parallelo / *Constant voltage supply 24Vdc dimmable, parallel connection*  
A richiesta anche con LED nei colori Rosso, Blu, Verde / *On request, LEDS are available also in Red, Blue, Green colours*

## ALCOR POWER LED 4W 24Vdc RGB

## Ottica 45° / optics 45°



RGB

Inox Aisi 316L satinato / *satin stainless steel*

ALC.040.28

## Vetro trasparente / transparent glass



RGB

Inox Aisi 316L satinato / *satin stainless steel*

ALC.041.28

## Vetro satinato / satin glass



RGB

Inox Aisi 316L satinato / *satin stainless steel*

ALC.042.28

**Riferimenti pagina / Page references:**Elettronica di controllo / *Electronic control gear*

Pag. 600, 601, 602, 603

Alimentatori / *Power supply units*

Pag. 590, 591

Schemi di collegamento / *Connection diagrams*

Pag. 606: I, I bis, L, P, U

Diagrammi conici / *Conical diagrams*

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Accessori / *Accessories*

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Cassaforme / *Housing boxes*

Pag. 572

**Importante / Remarks:**

Alimentazione a tensione costante 24Vdc dimmerabile, collegamento in parallelo

*Constant voltage supply 24Vdc dimmable, parallel connection*



## SCHEDE TECNICA ALCOR

<b>Dissipatore</b>	acciaio inox AISI 316L
<b>Frontale</b>	acciaio inox AISI 316L
<b>Finitura del frontale</b>	acciaio inox satinato
<b>Viteria</b>	acciaio inox AISI 316L
<b>Vetro di protezione</b>	vetro piano temperato trasparente o satinato
<b>Guarnizioni</b>	gomma siliconica, teflon
<b>Ottica</b>	lenti in PMMA 8°, 22°, 48° ottiche arretrate + 45° (RGB Power)
<b>Fissaggio</b>	tramite viti TORX antieffrazione
<b>Pressacavo</b>	PG7 in ottone nichelato
<b>Cavi di alimentazione</b>	monocromatico 350/500mA: 50cm di cavo PBS8-F AD8 per immersione (2x0,5mm <sup>2</sup> ) Ø esterno 4,2mm monocromatico 24Vdc: 50cm di cavo PBS8-F AD8 per immersione (3x0,5mm <sup>2</sup> ) Ø esterno 4,2mm RGB 24Vdc: 50cm di cavo PBS8-F AD8 per immersione (5x0,5mm <sup>2</sup> ) Ø esterno 6,1mm
<b>Temperatura di colore</b>	3000K, 4000K, 5500K
<b>Alimentazione</b>	monocromatico: 350/500mA corrente costante / 24Vdc tensione costante RGB: 24Vdc tensione costante
<b>Potenza assorbita</b>	monocromatico: 1,1W 350mA - 1,7W 500mA - 2W 24Vdc RGB: 4W 24Vdc
<b>Montaggio consigliato</b>	a incasso (parete, pavimento)
<b>Temperatura di utilizzo</b>	-30°C ÷ +50°C
<b>Resistenza al carico</b>	carrabile fino a 1500kg
<b>Peso</b>	350/500mA: 200g / 24Vdc: 260g
<b>Grado di protezione</b>	IP67, IP68, IK08
<b>Marchi</b>	CE, F, Classe III
<b>Normativa</b>	prodotti in conformità alle vigenti norme EN60598-1 CEI 34-21

## TECHNICAL INFORMATION ALCOR

<b>Dissipator</b>	stainless steel AISI 316L
<b>Front</b>	stainless steel AISI 316L
<b>Front finish</b>	satin stainless steel
<b>Screws</b>	stainless steel AISI 316L
<b>Protection glass</b>	tempered, transparent, satin flat glass
<b>Gaskets</b>	silicone rubber, teflon
<b>Optics</b>	lens in PMMA 8°, 22°, 48° recessed optics + 45° (RGB Power)
<b>Installation</b>	through TORX anti-vandal screws
<b>Cable gland</b>	PG7 in nicked brass
<b>Power supply cables</b>	monochromatic 350/500mA: 50cm PBS8-F AD8 cable for immersion (2x0,5mm <sup>2</sup> ) external Ø 4,2mm monochromatic 24Vdc: 50cm PBS8-F AD8 cable for immersion (3x0,5mm <sup>2</sup> ) external Ø 4,2mm RGB 24Vdc: 50cm PBS8-F AD8 cable for immersion (5x0,5mm <sup>2</sup> ) external Ø 6,1mm
<b>Colour temperature</b>	3000K, 4000K, 5500K
<b>Power supply</b>	monochromatic: 350/500mA constant current / 24Vdc constant voltage RGB: 24Vdc constant voltage
<b>Absorbed power</b>	monochromatic: 1,1W 350mA - 1,7W 500mA - 2W 24Vdc RGB 4W 24Vdc
<b>Recommended installation</b>	recessed (wall, floor)
<b>Working temperature</b>	-30°C to +50°C
<b>Load resistance</b>	drive over up to 1500kg
<b>Weight</b>	350/500mA: 200g / 24Vdc: 260g
<b>Protection degree</b>	IP67, IP68, IK08
<b>Markings</b>	CE, F, Class III
<b>Norms</b>	products comply EN60598-1 CEI 34-21 norms

## Importante / Remarks:

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



## Colori LED / LED Colours



Bianco 3000K  
White 3000K



Bianco 4000K  
White 4000K



Bianco 5500K  
White 5500K



RGB

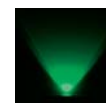
## A richiesta / On request



Rosso  
Red



Blu  
Blue



Verde  
Green

## Finiture / Finishes

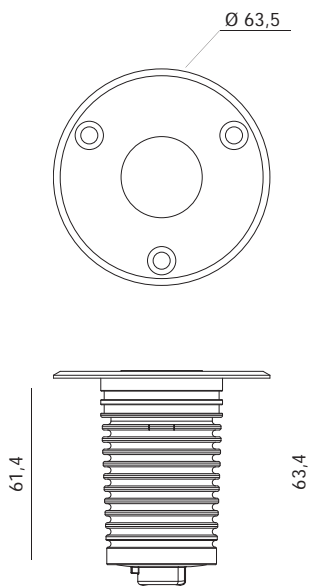
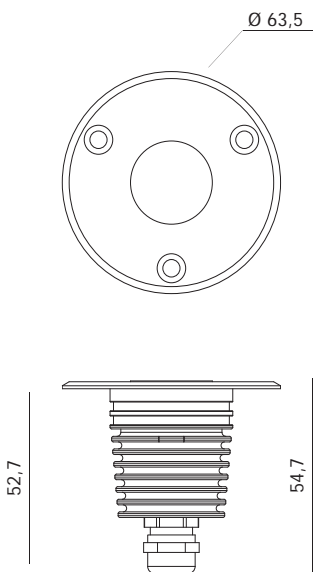


Inox satinato  
Satin stainless steel

DISEGNI TECNICI / TECHNICAL DRAWINGS

1W 350mA  
2W 500mA

24Vdc

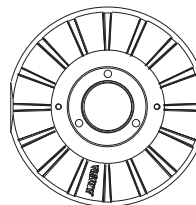
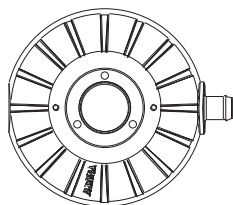
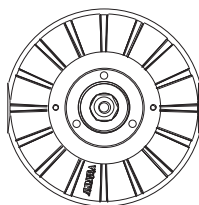
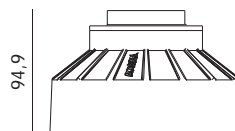
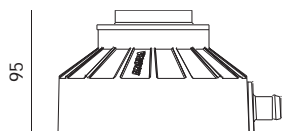
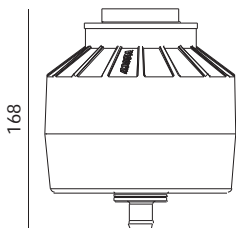


CASSAFORME / HOUSING BOXES

Cassaforma per IP68 h: 168mm  
Housing box for IP68

Cassaforma h: 95mm  
Housing box

Cassaforma drenante  
Draining housing box



Cod. CAS.0185.99

Cod. CAS.0203.99

Cod. CAS.0165.99