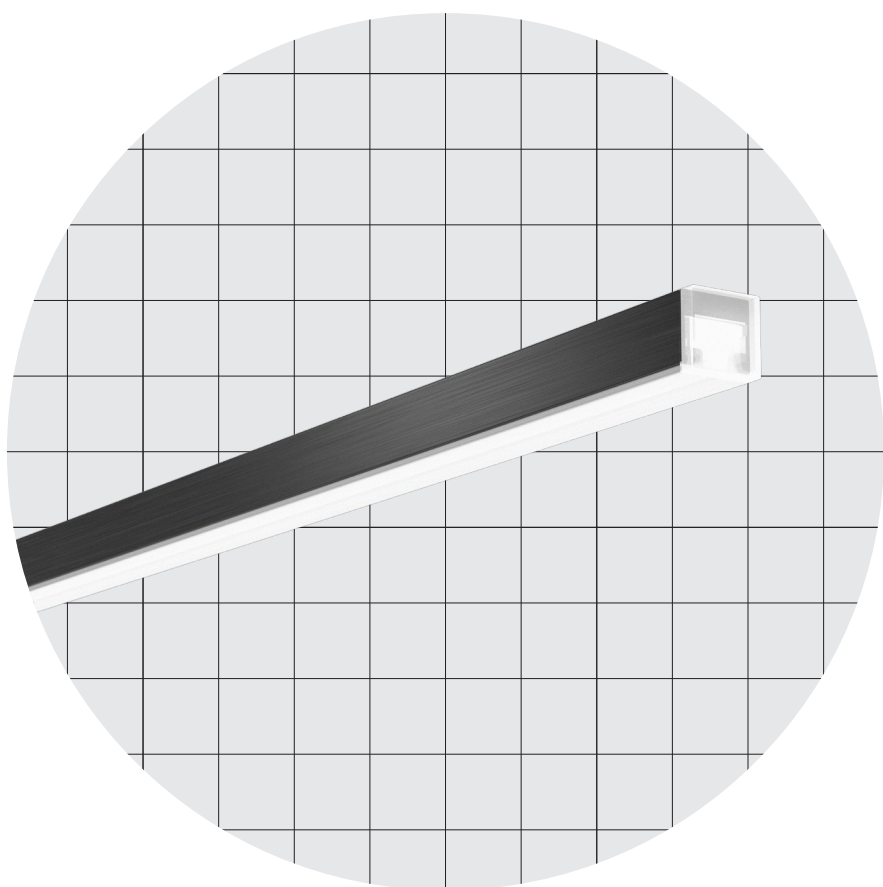


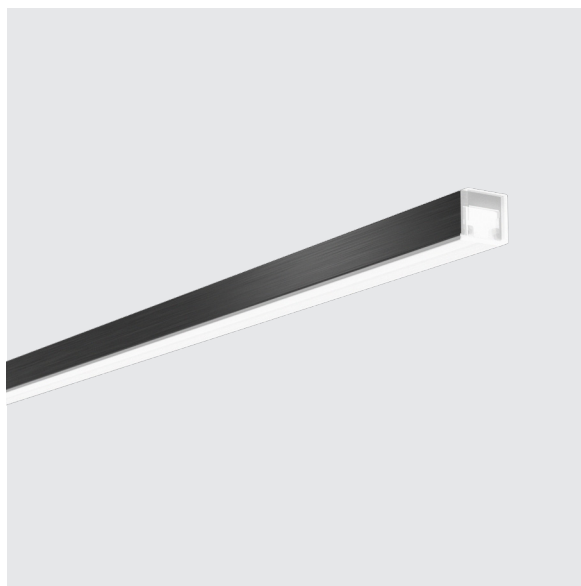
# Aiko 8

**182 LED/m • 55 LED/ft**  
5,0 W/m • 1,5 W/ft  
**182 LED/m • 55 LED/ft**  
9,5 W/m • 2,9 W/ft  
**182 LED/m • 55 LED/ft**  
15,7 W/m • 4,8 W/ft



**8,0 × 8,0 mm**  
**0,31 × 0,31"**

# Aiko 8



Sharp

## Body Corpo

### Symmetrical linear profile

Profilo lineare simmetrico

|  |   |  |
|--|---|--|
| <b>Fastening</b><br>Fissaggio              | Caps + Magnets<br>Magnetic end caps   | Tappi + Magneti<br>Testatine magnetiche      |
| <b>Screens</b><br>Schermi                  | <b>Opal OP30</b><br>(Screening 30%)   | <b>Opale OP30</b><br>(Scherm. 30%)           |
|  | <b>FRS (Flux Recovery System) - Patented</b>  | <b>FRS (Flux Recovery System) - Patented</b> |
| <b>Wiring set</b><br>Cavo alimentazione    | 2000 mm • 78,74 "   | 2000 mm                                      |
| <b>Custom size</b><br>Lunghezza ordinabile | Up to 3000 mm • 118,10 "  | Fino a 3000 mm                               |
| <b>Finishing</b><br>Finitura               | <ul style="list-style-type: none"> <li>● Grey anodized (Standard)</li> <li>→ On request other finishes</li> <li>● Anodica grigia (Standard)</li> <li>→ Su richiesta altre finiture</li> </ul> |  |

### Listings and marks

Certificazioni e marchi



### Where we produce

Dove produciamo

Made in Italy

### LED (See page CRI)

LED (Vedi pagina CRI)



## Light Luce

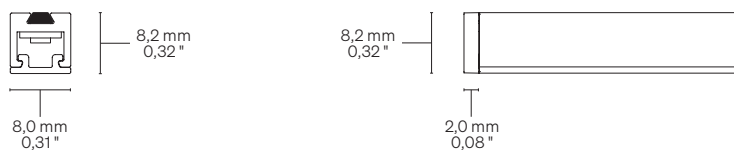
|  |   |   |   |
|--|---|---|---|
| <b>Light source</b><br>Sorgente luminosa                   | 182 LED/m • 55 LED/ft   | 182 LED/m • 55 LED/ft   | 182 LED/m • 55 LED/ft   |
| <b>Power consumption</b><br>Consumo energia                | 5,0 W/m • 1,5 W/ft  | 9,5 W/m • 2,9 W/ft  | 15,7 W/m • 4,8 W/ft   |
| <b>CCT K</b>   | <ul style="list-style-type: none"> <li style="margin-right: 5px;">● 1800</li> <li style="margin-right: 5px;">● 2000</li> <li style="margin-right: 5px;">● 2200</li> <li style="margin-right: 5px;">● 2500</li> <li style="margin-right: 5px;">● 2700</li> <li style="margin-right: 5px;">● 3000</li> <li style="margin-right: 5px;">● 3500</li> <li style="margin-right: 5px;">● 4000</li> <li style="margin-right: 5px;">● 5000</li> </ul> | <ul style="list-style-type: none"> <li style="margin-right: 5px;">● 1800</li> <li style="margin-right: 5px;">● 2000</li> <li style="margin-right: 5px;">● 2200</li> <li style="margin-right: 5px;">● 2500</li> <li style="margin-right: 5px;">● 2700</li> <li style="margin-right: 5px;">● 3000</li> <li style="margin-right: 5px;">● 3500</li> <li style="margin-right: 5px;">● 4000</li> <li style="margin-right: 5px;">● 5000</li> </ul> | <ul style="list-style-type: none"> <li style="margin-right: 5px;">● 1800</li> <li style="margin-right: 5px;">● 2000</li> <li style="margin-right: 5px;">● 2200</li> <li style="margin-right: 5px;">● 2500</li> <li style="margin-right: 5px;">● 2700</li> <li style="margin-right: 5px;">● 3000</li> <li style="margin-right: 5px;">● 3500</li> <li style="margin-right: 5px;">● 4000</li> <li style="margin-right: 5px;">● 5000</li> </ul> |
| <b>CRI</b>   | Min 90  | Min 90  | Min 90  |
| <b>R9</b>  | Min 50  | Min 50  | Min 50  |
| <b>Rf @ 3000 K</b>   | 92  | 92  | 92  |
| <b>Rg @ 3000 K</b>   | 100   | 100   | 100   |
| <b>MacAdam ellipse</b>                                     | 3   | 3   | 3   |
| <b>Delivered lumen output</b><br>→ Screen OP30<br>● 3000 K | ↓ <b>OP30</b> – 109 lm/W<br>518 lm/m • 158 lm/ft  | ↓ <b>OP30</b> – 107 lm/W<br>1016 lm/m • 310 lm/ft   | ↓ <b>OP30</b> – 102 lm/W<br>1601 lm/m • 488 lm/ft   |
| <b>Delivered lumen output</b><br>→ Screen FRS<br>● 3000 K  | ↓ <b>FRS</b> – 126 lm/W<br>630 lm/m • 192 lm/ft   | ↓ <b>FRS</b> – 124 lm/W<br>1178 lm/m • 359 lm/ft  | ↓ <b>FRS</b> – 118 lm/W<br>1853 lm/m • 565 lm/ft  |
| <b>Input voltage</b><br>Tensione di ingresso               | 24 V DC   | 24 V DC   | 24 V DC   |

# Aiko 8

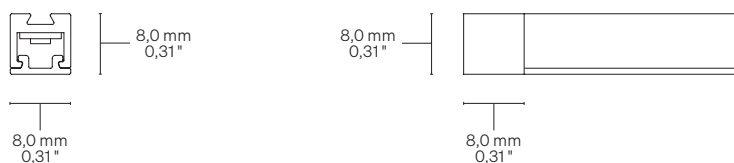
## Dimensions Dimensioni

Scale/Scala 1:1

### TAM Caps + Magnets Tappi + Magneti

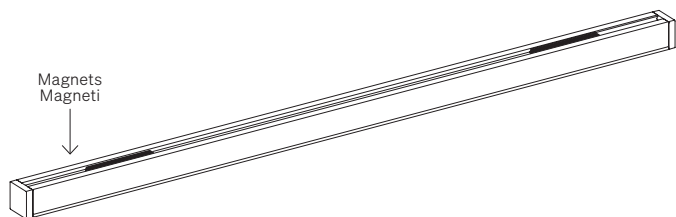


### TEM Magnetic end caps Testatine magnetiche

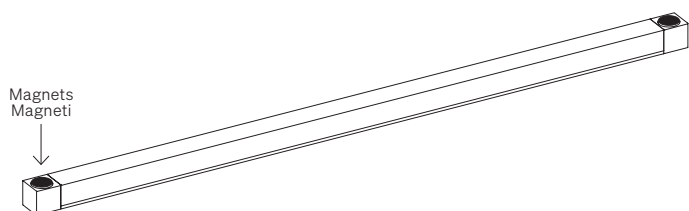


## Fastening options Opzioni di fissaggio

### TAM Caps + Magnets Tappi + Magneti



### TEM Magnetic end caps Testatine magnetiche



## Order code Codice ordine

### Basic codes Codici base

- **A18F1825** Aiko 8  
182 LED/m • 55 LED/ft  
5,0 W/m • 1,5 W/ft
- **A18F1829** Aiko 8  
182 LED/m • 55 LED/ft  
9,5 W/m • 2,9 W/ft
- **A18F18215** Aiko 8  
182 LED/m • 55 LED/ft  
15,7 W/m • 4,8 W/ft

### CCT K CCT K

- **WW18** ● 1800 K
- **WW20** ● 2000 K
- **WW22** ● 2200 K
- **WW25** ● 2500 K
- **WW27** ● 2700 K
- **WW30** ● 3000 K
- **NW35** ● 3500 K
- **NW** ● 4000 K
- **CW** ● 5000 K

### Fastening options Opzioni di fissaggio

- **TAM** Caps + Magnets  
Tappi + Magneti
- **TEM** Magnetic end caps  
Testatine magnetiche

### Screens Schermi

- **OP30** Opal 30/Opale 30
- **FR** FRS (Flux Recovery System)

### Ordering length Lunghezza ordinabile

- **--** → Specify the custom size or visit [formulaluci.com](http://formulaluci.com), for standard length.  
→ Specificare la misura custom oppure visitare il sito [formulaluci.com](http://formulaluci.com), per le lunghezze standard.

### Order example Esempio ordine

- **A18F1825 WW18 TAM OP30 • 0,32**  
  
Aiko 8, 182 LED/m • 55 LED/ft,  
5,0 W/m • 1,5 W/ft, Warm White 1800,  
Caps + Magnets, Opal 30 screen • 0,32 m  
  
Aiko 8, 182 LED/m, 5,0 W/m,  
Warm White 1800, Tappi + Magneti,  
Schermo opale 30 • 0,32 m

# CRI Typical\* CRI Tipici\*

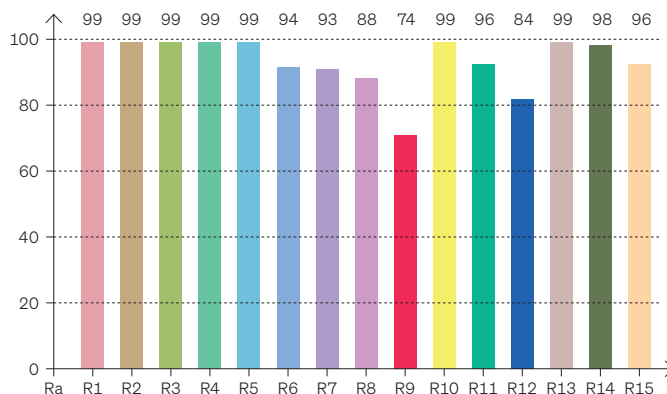


**R9050 - H6 • 3SDCM**

**High Efficacy**

● 3000 K

**CRI: 94,5 (R1-R8)**



\* Values taken from sample measurements  
\* Valori presi da misurazioni a campione

**CRI Values Valori CRI**

**CCTK: ● 3000 K**

| CRI         | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|-------------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| <b>94,4</b> | 99 | 99 | 99 | 99 | 99 | 94 | 93 | 88 | 74 | 99  | 96  | 84  | 99  | 98  | 96  |

**Color Parameters Parametri del colore**

| Color Temperature | Color Render Index | Red Component | Color Fidelity | Color Gamut | Color Quality Scale | Color Coord. CIE 1931 | Color Coord. CIE 1931 | Color Coordinate | Color Coordinate | Color Deviation from Black Body |
|-------------------|--------------------|---------------|----------------|-------------|---------------------|-----------------------|-----------------------|------------------|------------------|---------------------------------|
| CCT K             | CRI                | CRI R9        | TM30 Rf        | TM30 Rg     | CQS                 | X                     | Y                     | U                | V                | $\Delta UV$                     |
| 3042 K            | 96,2               | 74,4          | 92,2           | 100,5       | 92,9                | 0,441                 | 0,399                 | 0,255            | 0,347            | -0,0009                         |

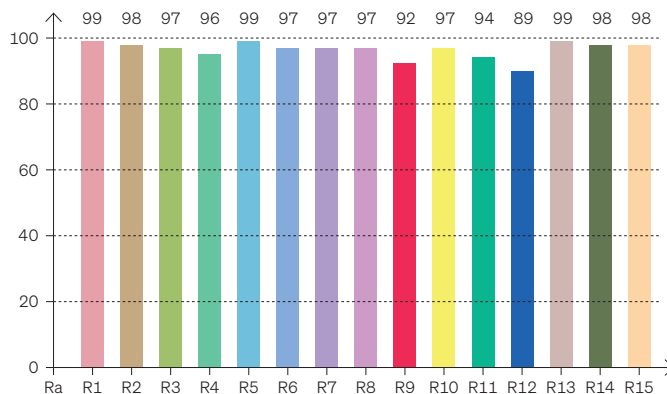


**FULL SPECTRUM • 3SDCM**

**OPTISOLIS™**

● 3000 K

**CRI: 97,6 (R1-R8)**



\* Values taken from sample measurements  
\* Valori presi da misurazioni a campione

**CRI Values Valori CRI**

**CCTK: ● 3000 K**

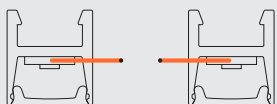
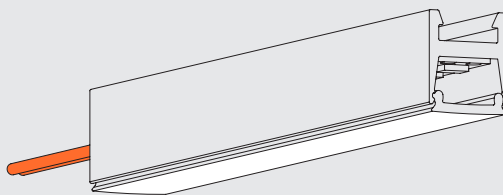
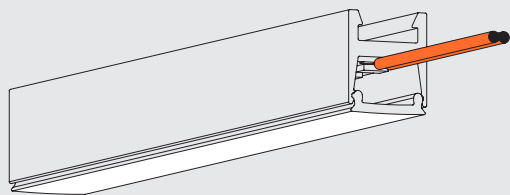
| CRI         | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|-------------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| <b>97,6</b> | 99 | 98 | 97 | 96 | 99 | 97 | 97 | 97 | 92 | 97  | 94  | 89  | 99  | 98  | 98  |

**Color Parameters Parametri del colore**

| Color Temperature | Color Render Index | Red Component | Color Fidelity | Color Gamut | Color Quality Scale | Color Coord. CIE 1931 | Color Coord. CIE 1931 | Color Coordinate | Color Coordinate | Color Deviation from Black Body |
|-------------------|--------------------|---------------|----------------|-------------|---------------------|-----------------------|-----------------------|------------------|------------------|---------------------------------|
| CCT K             | CRI                | CRI R9        | TM30 Rf        | TM30 Rg     | CQS                 | X                     | Y                     | U                | V                | $\Delta UV$                     |
| 3491 K            | 97,6               | 92,2          | 95,2           | 102,7       | 96,5                | 0,404                 | 0,386                 | 0,237            | 0,339            | -0,0019                         |

# Cable outlet Uscita cavi

Right side same to left side Lato destro e sinistro uguali



## Warnings Avvertenze

The installation of the product, must be done as illustrated in the catalogue or inside the technical data-sheet that can be asked to the manufacturer.

An installation performed differently from the one indicated may compromise the durability and characteristics of the product itself.

An installation performed differently from the one indicated may compromise the durability and characteristics of the product.

Unsuitable cross-section / length of the cable can negatively affect the lighting power of the product. If Power supplies, even those with a plastic case, are located in spaces that are too small for their dimensions; they will be subjected to dissipation problems that will compromise their functionality. Silicones or resins subjected to temperature changes and used near the product, if not in accordance with the specifications issued by the manufacturer, they can seriously damage the LED component. The products can not be modified without any authorization by the manufacturer.

L'installazione del prodotto, dovrà eseguirsi come illustrato nel catalogo o nella documentazione tecnica richiedibile al produttore. Un'installazione eseguita diversamente da quella indicata, può compromettere la durata e le caratteristiche del prodotto.

Prima dell'installazione verificare la corretta sezione del cavo collegato tra LED e alimentatore.

Sezione / lunghezza del cavo non congrui, possono alterare in negativo la luminosità del prodotto. Gli alimentatori, anche quelli con contenitore plastico, inseriti in spazi troppo piccoli, saranno soggetti a problemi di dissipazione che comprometteranno la loro funzionalità. Siliconi o resine soggetti a sbalzi di temperature e utilizzati in prossimità del prodotto, se non conformi alle specifiche rilasciate dal produttore possono danneggiare gravemente il componente LED. I prodotti non possono essere modificati senza autorizzazione da parte del produttore.