

# 133 Mini Lens

**144 LED/m • 44 LED/ft**

10,0 W/m • 3,1 W/ft

**168 LED/m • 52 LED/ft**

15,0 W/m • 4,6 W/ft

**182 LED/m • 55 LED/ft**

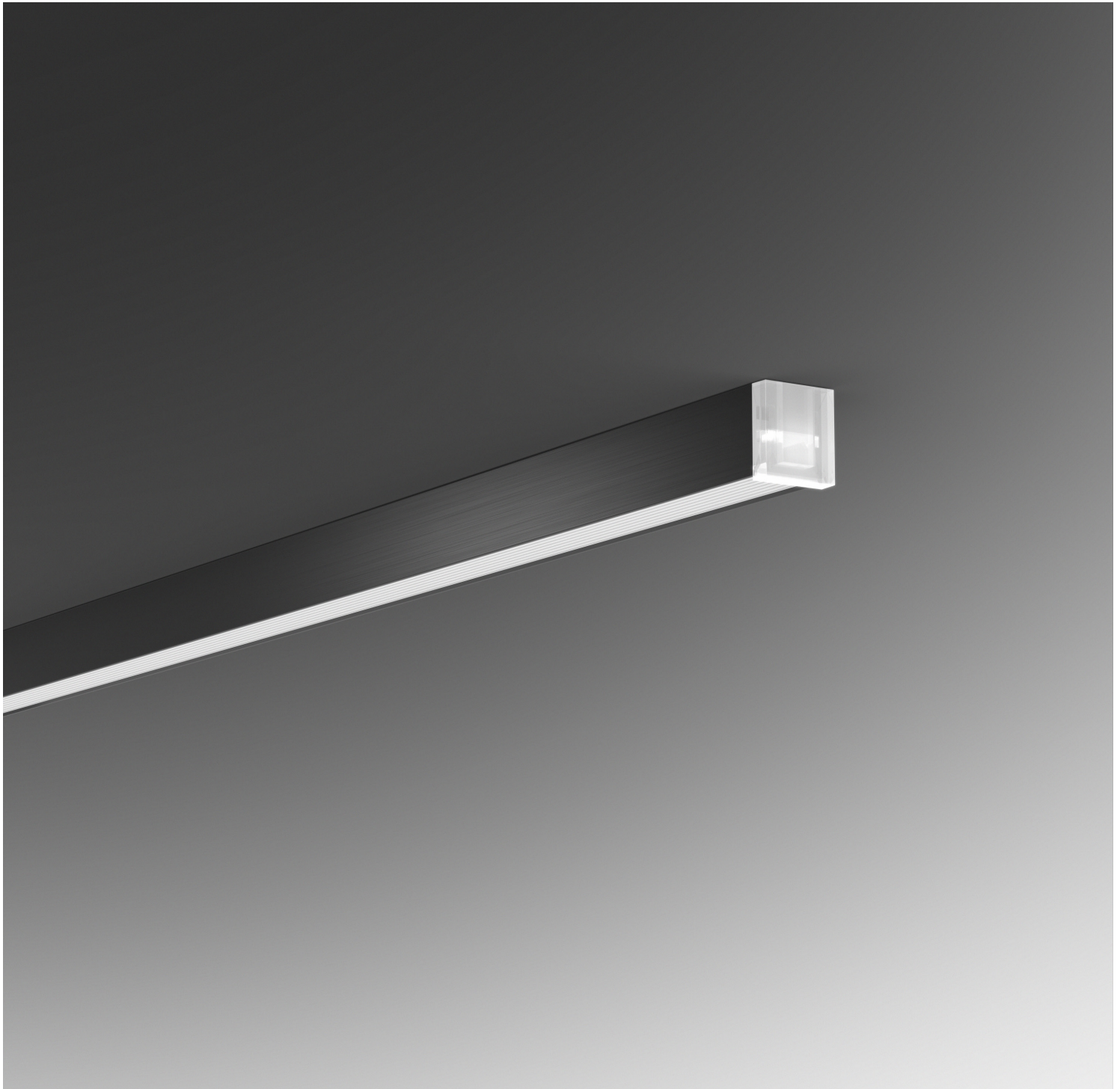
20,0 W/m • 6,1 W/ft

**TW 252 LED/m • 77 LED/ft**

20,0 W/m • 6,1 W/ft



**11,3 × 12,6 mm**  
**0,44 × 0,50 "**



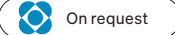
# 133 Mini Lens



L30



L70

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                 |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Body Corpo</b>                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                 |
| <b>Symmetrical linear profile</b><br>Profilo lineare simmetrico |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                 |
| <b>Fastening</b><br>Fissaggio                                   | Caps + Plastic clips<br>Caps + Magnets<br>Heads with screws<br>Caps + Adjustable brackets                                                                                                                                                                                                                                                                                                                                                                                                                               | Tappi + Clip in plastica<br>Tappi + Magneti<br>Testatine con viti<br>Tappi + Staffe orientabili |
| <b>Linear optics</b><br>Ottiche lineari                         | L30 - 30°<br>L70 - 70°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | L30 - 30°<br>L70 - 70°                                                                          |
| <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                                    | ● Grey anodized (Standard)<br>→ On request other finishes<br>● Anodica grigia (Standard)<br>→ Su richiesta altre finiture                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                 |
| <b>Listings and marks</b><br>Certificazioni e marchi            |       |                                                                                                 |
| <b>Where we produce</b><br>Dove produciamo                      |                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                 |
| <b>LED (See page CRI)</b><br>LED (Vedi pagina CRI)              |                                                                                                                                                                                                                                                          |                                                                                                 |

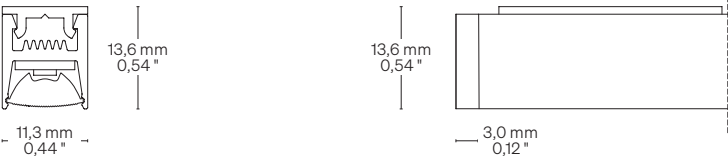
## Light Luce

|                                                                                               |                                                                      |                                                                      |                                                                      |                                             |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------|
| <b>Light source</b><br>Sorgente luminosa                                                      | 144 LED/m • 44 LED/ft                                                | 168 LED/m • 52 LED/ft                                                | 182 LED/m • 55 LED/ft                                                | TW - 252 LED/m • 77 LED/ft<br>Tunable White |
| <b>Power consumption</b><br>Consumo energia                                                   | 10,0 W/m • 3,1 W/ft                                                  | 15,0 W/m • 4,6 W/ft                                                  | 20,0 W/m • 6,1 W/ft                                                  | 20,0 W/m • 6,1 W/ft                         |
| <b>CCT K</b>                                                                                  | ● 1800 ● 2500 ● 3500<br>● 2000 ● 2700 ● 4000<br>● 2200 ● 3000 ● 5000 | ● 1800 ● 2500 ● 3500<br>● 2000 ● 2700 ● 4000<br>● 2200 ● 3000 ● 5000 | ● 1800 ● 2500 ● 3500<br>● 2000 ● 2700 ● 4000<br>● 2200 ● 3000 ● 5000 | ● 2200 - 5700 K                             |
| <b>CRI</b><br><b>R9</b><br><b>Rf @ 3000 K</b><br><b>Rg @ 3000 K</b><br><b>MacAdam ellipse</b> | Min 90<br>Min 50<br>92<br>100<br>3                                   | Min 90<br>Min 50<br>92<br>100<br>3                                   | Min 90<br>Min 50<br>92<br>100<br>3                                   | Min 90<br>Min 50<br>92<br>100<br>3          |
| <b>Luminous flux (Strip LED)</b><br>Flusso luminoso (Strip LED)<br>● 3000 K                   | 1348 lm/m • 411 lm/ft                                                | 2116 lm/m • 645 lm/ft                                                | 3280 lm/m • 1000 lm/ft                                               | 1800 lm/m • 549 lm/ft                       |
| <b>Input voltage</b><br>Tensione di ingresso                                                  | 24 V DC                                                              | 24 V DC                                                              | 24 V DC                                                              | 24 V DC                                     |

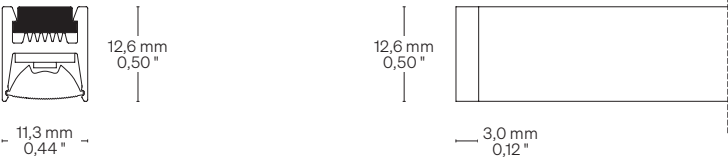
# 133 Mini Lens

Dimensions Dimensioni Scale/Scala 1:1

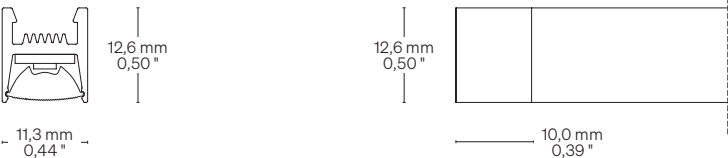
**TA** Caps + Plastic clips  
Tappi + Clip in plastica



**TAM** Caps + Magnets  
Tappi + Magneti

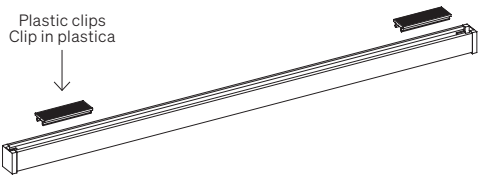


**TE** Heads with screws  
Testatine con viti



## Fastening options Opzioni di fissaggio

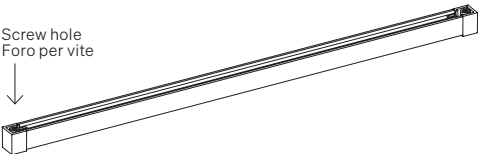
**TA** Caps + Plastic clips  
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**TE** Heads with screws  
Testatine con viti



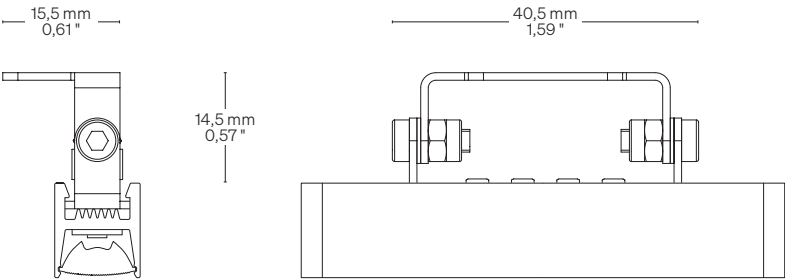
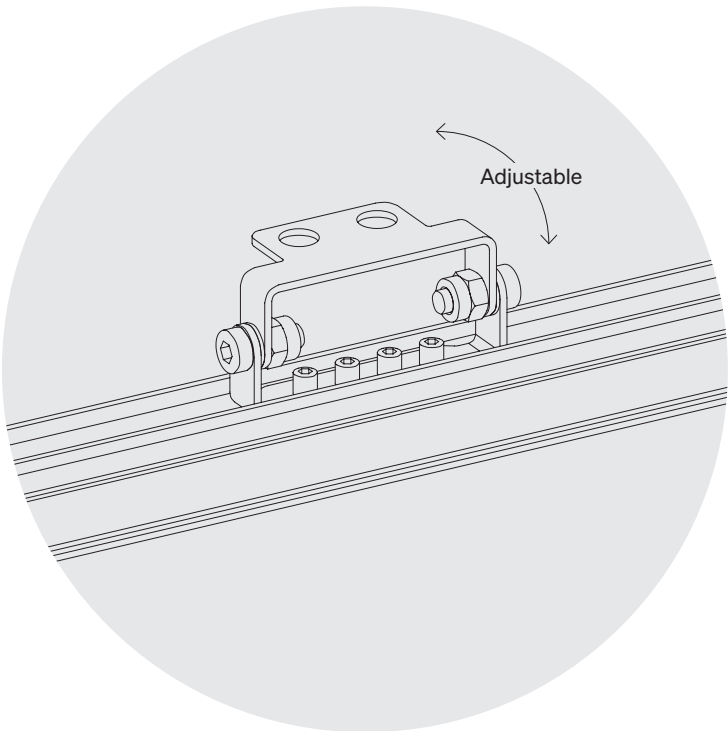
| Order code Codice ordine                  |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Basic code<br>Codice base                 | <b>133S144</b> 133 Mini Lens<br>144 LED/m • 44 LED/ft<br>10,0 W/m • 3,1 W/ft                                                                                                                                                                                                                                                        |
|                                           | <b>133S168</b> 133 Mini Lens<br>168 LED/m • 52 LED/ft<br>15,0 W/m • 4,6 W/ft                                                                                                                                                                                                                                                        |
|                                           | <b>133S182</b> 133 Mini Lens<br>182 LED/m • 55 LED/ft<br>20,0 W/m • 6,1 W/ft                                                                                                                                                                                                                                                        |
|                                           | <b>133S252</b> 133 Mini Lens<br>TW 252 LED/m • 77 LED/ft<br>● 2200 - 5700 K<br>20,0 W/m • 6,1 W/ft                                                                                                                                                                                                                                  |
| CCT K<br>CCT K                            | <b>18</b> ● 1800 K                                                                                                                                                                                                                                                                                                                  |
|                                           | <b>20</b> ● 2000 K                                                                                                                                                                                                                                                                                                                  |
|                                           | <b>22</b> ● 2200 K                                                                                                                                                                                                                                                                                                                  |
|                                           | <b>25</b> ● 2500 K                                                                                                                                                                                                                                                                                                                  |
|                                           | <b>27</b> ● 2700 K                                                                                                                                                                                                                                                                                                                  |
|                                           | <b>30</b> ● 3000 K                                                                                                                                                                                                                                                                                                                  |
|                                           | <b>35</b> ● 3500 K                                                                                                                                                                                                                                                                                                                  |
|                                           | <b>40</b> ● 4000 K                                                                                                                                                                                                                                                                                                                  |
|                                           | <b>50</b> ● 5000 K                                                                                                                                                                                                                                                                                                                  |
| Fastening options<br>Opzioni di fissaggio | <b>TA</b> Caps + Plastic clips<br>Tappi + Clip in plastica                                                                                                                                                                                                                                                                          |
|                                           | <b>TAM</b> Caps + Magnets<br>Tappi + Magneti                                                                                                                                                                                                                                                                                        |
|                                           | <b>TE</b> Heads with screws<br>Testatine con viti                                                                                                                                                                                                                                                                                   |
|                                           | <b>TCA</b> Caps + Adjustable brackets<br>Tappi + Staffe orientabili                                                                                                                                                                                                                                                                 |
| Linear optics<br>Optica lineare           | <b>L3</b> 30°                                                                                                                                                                                                                                                                                                                       |
|                                           | <b>L7</b> 70°                                                                                                                                                                                                                                                                                                                       |
| Finishing<br>Finitura                     | <b>01</b> ● Grey anodized<br>● Anodica grigia                                                                                                                                                                                                                                                                                       |
| Ordering length<br>Lunghezza ordinabile   | <b>--</b> → Specify the custom size or visit <a href="http://formulaluci.com">formulaluci.com</a> , for standard lenght.<br>→ Specificare la misura custom oppure visitare il sito <a href="http://formulaluci.com">formulaluci.com</a> , per le lunghezze standard.                                                                |
| Order example<br>Esempio ordine           | <b>133S144 18 TA L3 01 • 0,32</b><br><br>133 Mini Lens, 144 LED/m • 44 LED/ft<br>10,0 W/m • 3,1 W/ft, Warm White 1800,<br>Caps + Plastic clips, Linear optic 30°,<br>Grey anodized • 0,32 m<br><br>133 Mini Lens, 144 LED/m, 10,0 W/m,<br>Warm White 1800, Tappi + Clip in plastica,<br>Optica lineare 30°, Anodica grigia • 0,32 m |

# 133 Mini Lens

**New fastening option** Nuova opzione di fissaggio

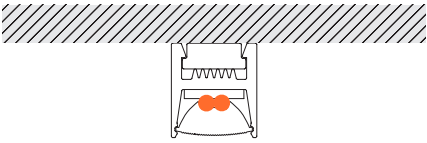
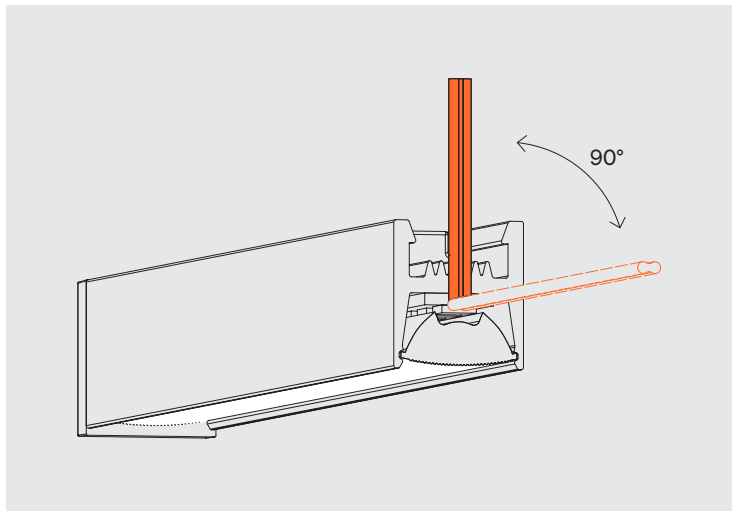
**TCA** Caps + Adjustable brackets  
Tappi + Staffe orientabili

Write to us for details: [info@formulaluci.com](mailto:info@formulaluci.com)  
Scrivici per i dettagli: [info@formulaluci.com](mailto:info@formulaluci.com)



# 133 Mini Lens

Cable outlet Uscita cavi



Scale/Scala 1:1

# CRI Typical\* CRI Tipici\*

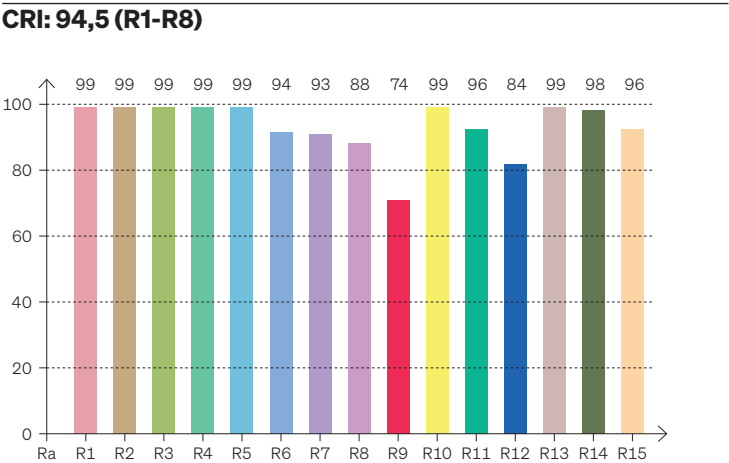


R9050 – H6 • 3SDCM

High Efficacy

● 3000 K

\* 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 |
|------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| 94,4 | 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                | ΔUV                             |
| 3042 K            | 96,2               | 74,4          | 92,2           | 100,5       | 92,9                | 0,441                 | 0,399                 | 0,255            | 0,347            | -0,0009                         |

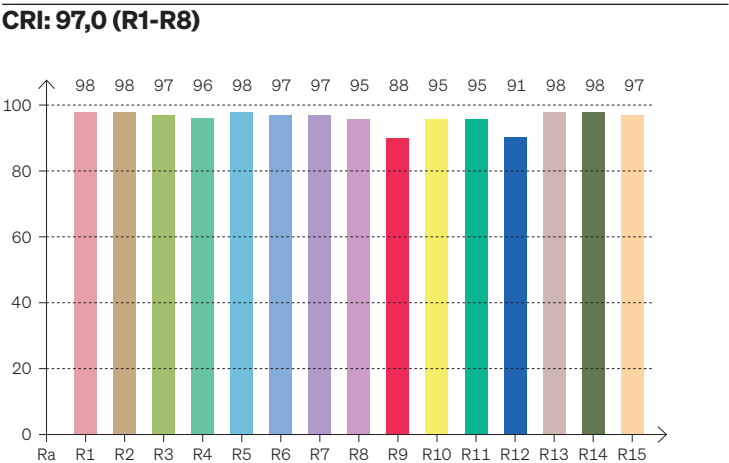


FULL SPECTRUM • 3SDCM

OPTISOLIS™

● 3000 K

\* 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 |
|------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| 97,0 | 98 | 98 | 97 | 96 | 98 | 97 | 97 | 95 | 88 | 95  | 95  | 91  | 98  | 98  | 97  |

## 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                | ΔUV                             |
| 3059 K            | 97,0               | 88,0          | 94,8           | 102,8       | 94,5                | 0,432                 | 0,400                 | 0,249            | 0,346            | -0,0008                         |

# 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.