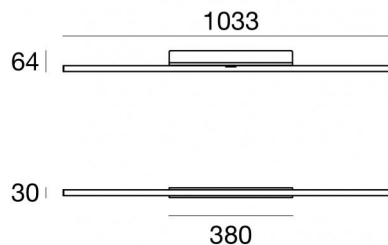


Systeme | 220-240 V | topLED 15 W DC - 17 W AC | CRI 90  
8447



| Technische Daten                                    |                |
|-----------------------------------------------------|----------------|
| Typ                                                 | Mono System    |
| Installationsposition                               | Decke          |
| Installationsumgebung                               | Indoor         |
| Lichtquelle                                         | LED            |
| Circuit structure                                   | topLED         |
| Optik                                               | Diffuses       |
| Light emission direction                            | downward       |
| Lampe Nennleistung                                  | 15 W DC        |
| Gesamtleistung                                      | 17 W           |
| Lichtstrom (Lichtquelle)                            | 2094 lm        |
| Nominale Eingangsspannung                           | 220 - 240 V AC |
| Eingangsspannungsbereich                            | 220 - 240 V AC |
| Frequency                                           | 60 - 50 Hz     |
| Ähnlichste Farbtemperatur / Tone                    | 3000 K         |
| Farbwiedergabeindex                                 | 90 Ra          |
| Gleichstrom/Gleichspannung                          | AC             |
| Isolierklasse                                       | 2              |
| IP                                                  | IP20           |
| Glühdrahtprüfung                                    | 850°           |
| Direkte Montage auf normal entflammaren Oberflächen | Ja             |
| CE                                                  | Ja             |
| Einschließlich Driver                               | Driver         |
| Leuchte dimmbar                                     | Nein           |
| Schwenkbarkeit                                      | Orientabile    |
| Gesamtwinkel (vertikale Ebene)                      | 0 °            |
| Gesamtwinkel (horizontale Ebene)                    | 350 °          |
| Drehbarkeit                                         | Nein           |
| Begehrbarkeit                                       | Nein           |
| Überrollbarkeit                                     | Nein           |
| Einschließlich Kabel                                | Nein           |
| Harzbeschichtung                                    | Nein           |
| Typ Lichtabstrahlung                                | Einflammig     |
| Nettogewicht                                        | 0.64 Kg        |
| Schutz vor elektrostatischen Entladungen            | Ja             |
| Schutz vor Stoßspannungen                           | Ja             |

| Oberfläche Oberfläche diffusor |                    |
|--------------------------------|--------------------|
| Material                       | PC                 |
| Bearbeitungstyp                | Sandstrahlen       |
| Oberfläche Oberfläche fassung  |                    |
| Material                       | Eisen              |
| Farbe                          | Text black RAL9005 |
| Bearbeitungstyp                | Lackierung         |

Systeme | 220-240 V | topLED 15 W DC - 17 W AC | CRI 90  
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Single emission systems for indoor application. The warm white LED light source with a diffused light distribution is composed of 100 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2094 lm, with a 139.6 lm/W nominal luminous efficacy.

The diffuser is made of PC with a sandblasting treatment; the mounting frame is made of iron, with a text black ral9005 finish, processed by means of coating.

The ingress protection degree is IP20; the total weight is of 0.64 kg.

The total absorbed power is 17 W

The device features protection class II and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

## Energieeffizienzklasse

Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse E.

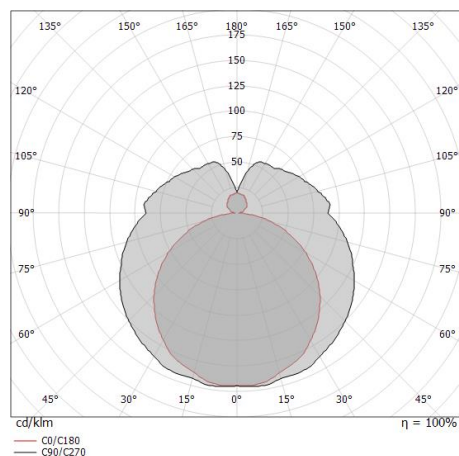
## Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 72 %           |
| Lichtstrom (Lichtquelle)              | 2094 lm        |
| Leuchten Lichtstrom                   | 1515 lm        |
| Consumption                           | 17 W           |
| Leuchten Lichtausbeute                | 89 lm/W        |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Verbindungstemperatur (Leuchte)       | 80             |
| Standardumgebungstemperatur           | 25°C           |

## LED Life / Failure Ratio

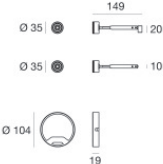
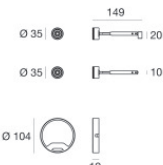
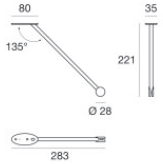
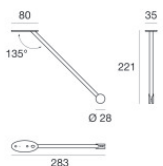
L70 B10 C0 102000h (at Tj 115 Ta 25 )

L90 B10 C0 55000h



Systeme | 220-240 V | topLED 15 W DC - 17 W AC | CRI 90  
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Components

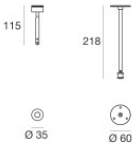
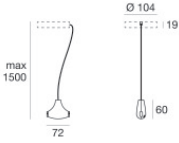
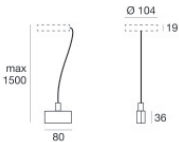
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|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|--------------------------------|
|    |    | Mono System Accessories           | <b>Code</b><br><u>TR4111-4</u> |
|    |    | Mono System Accessories           | <b>Code</b><br><u>TR4111-5</u> |
|   |   | Mono System Accessories           | <b>Code</b><br><u>TR4114-4</u> |
|  |  | Mono System Accessories - Sistemi | <b>Code</b><br><u>TR4114-5</u> |
|  |  | Mono System Accessories           | <b>Code</b><br><u>TR4119-4</u> |
|  |  | Mono System Accessories           | <b>Code</b><br><u>TR4119-5</u> |
|  |  | Mono System Accessories - Sistemi | <b>Code</b><br><u>TR4120-3</u> |

**Code**  
TR4151-50

Supporting cable - 50m - Sistemi

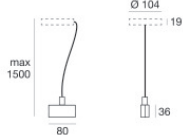
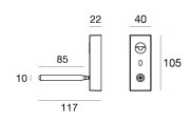
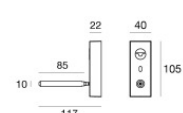
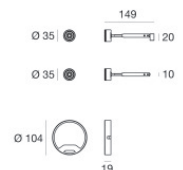
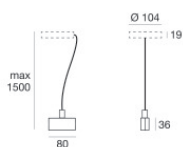
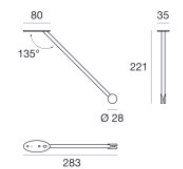
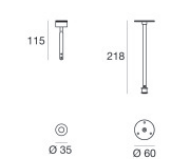
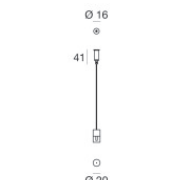
Sisteme | 220-240 V | topLED 15 W DC - 17 W AC | CRI 90  
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Components

|                                                                                                                                                                         |                                   |  |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--|------------------|
|                                                                                                                                                                         |                                   |  | Code             |
| Supporting cable - 30m - Sistemi                                                                                                                                        |                                   |  | <u>TR4151-30</u> |
|                                                                                                                                                                         |                                   |  | Code             |
| Supporting cable - 20m - Sistemi                                                                                                                                        |                                   |  | <u>TR4151-20</u> |
|                                                                                                                                                                         |                                   |  | Code             |
|                                                                                         | Supporting cable - 10m - Sistemi  |  | <u>TR4151-10</u> |
|                                                                                                                                                                         |                                   |  | Code             |
|                                                                                       | Supporting cable - 5m - Sistemi   |  | <u>TR4151-5</u>  |
|                                                                                                                                                                         |                                   |  | Code             |
|   | Mono System Accessories - Sistemi |  | <u>TR4117-4R</u> |
|                                                                                                                                                                         |                                   |  | Code             |
|   | Mono System Accessories - Sistemi |  | <u>TR4117-5</u>  |
|                                                                                                                                                                         |                                   |  | Code             |
|   | Mono System Accessories           |  | <u>8706</u>      |
|                                                                                                                                                                         |                                   |  | Code             |
|   | Mono System Accessories           |  | <u>8711</u>      |

Systeme | 220-240 V | topLED 15 W DC - 17 W AC | CRI 90  
8447

## Components

|                                                                                                                                                                         |                                   |                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------|
|       | Mono System Accessories           | <b>Code</b><br>8712     |
|       | Mono System Accessories - Sistemi | <b>Code</b><br>9853     |
|     | Mono System Accessories - Sistemi | <b>Code</b><br>9854     |
|   | Mono System Accessories           | <b>Code</b><br>TR4111-6 |
|   | Mono System Accessories           | <b>Code</b><br>8713     |
|   | Mono System Accessories - Sistemi | <b>Code</b><br>TR4114-6 |
|   | Mono System Accessories           | <b>Code</b><br>TR4117-6 |
|   | Mono System Accessories           | <b>Code</b><br>TR4119-6 |

Sisteme | 220-240 V | topLED 15 W DC - 17 W AC | CRI 90  
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Components

|                                                                                     |                                        |                                 |
|-------------------------------------------------------------------------------------|----------------------------------------|---------------------------------|
|     | Supporting black cable - 5m            | <b>Code</b><br><u>TR4153-5</u>  |
|     | Supporting black cable - 10m - Sistemi | <b>Code</b><br><u>TR4153-10</u> |
|     | Supporting black cable - 20m - Sistemi | <b>Code</b><br><u>TR4153-20</u> |
|   | Supporting black cable - 30m - Sistemi | <b>Code</b><br><u>TR4153-30</u> |
|   | Supporting black cable - 50m - Sistemi | <b>Code</b><br><u>TR4153-50</u> |
|  | 150 System Accessories - Sistemi       | <b>Code</b><br><u>8720</u>      |
|  | Mono System Accessories - Sistemi      | <b>Code</b><br><u>8704</u>      |
|  | Mono System Accessories                | <b>Code</b><br><u>8705</u>      |

Systeme | 220-240 V | topLED 15 W DC - 17 W AC | CRI 90  
**8447**

## Components

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