

[www.tempLED.de](http://www.tempLED.de)

  
**tempLED**




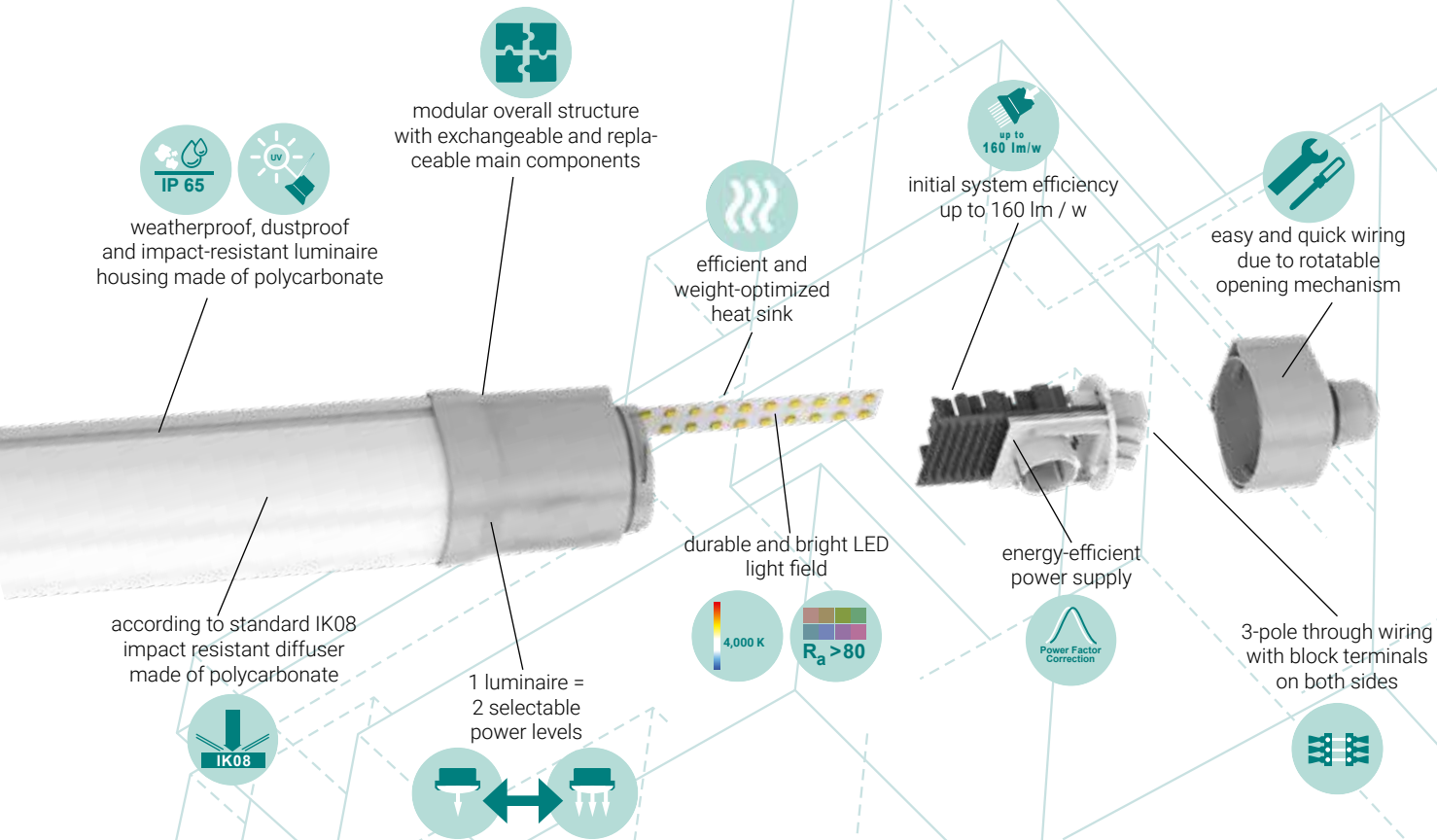
TRI-PROOF LIGHT

# tempLED RayProof Lite

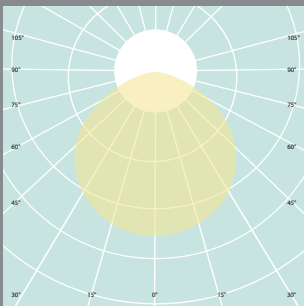
30 | 40

Our customer  
Heliotherm

TRI-PROOF LIGHTING 



Light distribution curve tempLED RayProof Lite

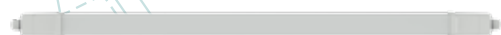
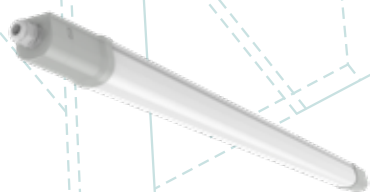


150 degrees symmetrical  
with diffuser

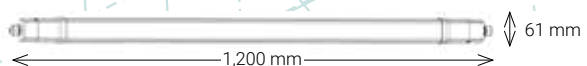
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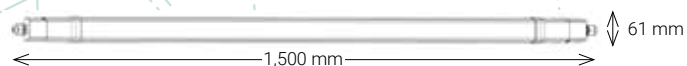
## tempLED RayProof Lite 30 | 40



## Dimensions tempLED RayProof Lite 30



## Dimensions tempLED RayProof Lite 40



## Mounting options tempLED RayProof Lite 30 | 40

ceiling mounting



wall mounting



pendant mounting



## General technical data

according to IEC, identical for all types of luminaires



### Lighting properties:

|  |                            |
|--|----------------------------|
| initial luminous flux:                     | 4,800 to 6,400 lumens      |
| luminous flux tolerance:                   | ± 10 percent               |
| initial system efficiency:                 | up to 160 lumens / watt    |
| initial, most similar color temperature:   | 4,000 kelvins <sup>1</sup> |
| initial color rendering index (CRI):       | Ra > 80                    |
| initial color consistency:                 | < 3 SDCM                   |
| available symmetrical beam angles:         | 150 degrees                |
| photobiological safety:                    | IEC/TR 62778: 0            |
| compact flicker degree (CFD):              | 1 percent                  |
| stroboscopic visibility measurement (SVM): | 0,023                      |
| short time flicker (Pst LM):               | 0,02                       |

### Electrotechnical properties:

|                                    |                       |
|------------------------------------|-----------------------|
| power supply AC:                   | 220 to 240 volts      |
| supply frequency:                  | 50 / 60 hertz         |
| system performance:                | 22/30 and 28/40 watts |
| system performance tolerance:      | ± 10 percent          |
| power factor:                      | > 0,90                |
| overvoltage protection:            | yes                   |
| overheating protection:            | yes                   |
| temperature monitoring:            | yes                   |
| total harmonic distortion (THD):   | < 20 percent          |
| temperature classification (ATEX): | T6                    |
| Tc - temperature:                  | +45 degrees celsius   |

### Energy characteristics:

|                                      |  |
|--------------------------------------|--|
| Valid for all tempLED RayProof Lite: | This product contains a light source of energy efficiency class D. |
|--------------------------------------|--|

### Mounting options:

|                            |                           |
|----------------------------|---------------------------|
| standard mounting options: | wall and ceiling mounting |
| optional mounting options: | pendant mounting          |

<sup>1</sup> additional color temperatures on request.



**Housing properties:**

|  |   |
|--|---|
| ambient temperature:                                   | –20 to +40 degrees celsius                    |
| ingress protection:                                    | IP 65   |
| impact resistance level:                               | IK08  |
| electrical protection class:                           | I   |
| limited surface temperatur (D):                        | yes   |
| housing material(s):                                   | polycarbonate                                 |
| material(s) and finish of the standard mounting clips: | natural stainless steel                       |
| diffuser material:                                     | impact- and UV-resistant polycarbonate        |
| diffuser finish:                                       | white frosted                                 |
| heat sink material:                                    | aluminum                                      |
| luminaire housing color:                               | light grey according to RAL 7035              |
| through wiring:  | 3-pole (3 x 1,5 sqmm) via two terminal blocks |
| supply cable in- and outlet:                           | 2x cable gland                                |
| number of poles:                                       | 3 grid  |

**Additional information:**

|                       |  |
|-----------------------|--|
| certificates:         | ENEC in preparation  |
| conformities:         | CE   RoHS   DIN 10500 (HACCP   IFS)                        |
| lifespan (L70B10C1):  | approx. 100,000 hours                                      |
| lifespan (L90B10C1):  | approx. 50,000 hours                                       |
| guarantee:            | 5 years <sup>1</sup>                                       |
| spare part guarantee: | 10 years   |
| delievery includes:   | luminaire and two combined wall and ceiling mounting clips |

<sup>1</sup> according to the warranty conditions of tempLED GmbH, excluding accessories.

**Logistic information:**

| luminaire:                              | RayProof Lite 30<br>overall length: 1,200 mm | RayProof Lite 40<br>overall length: 1,500 mm |
|---|--|--|
| number of luminaires per package:       | 1  | 1  |
| number of luminaires per master carton: | 9  | 9  |
| number of luminaires per pallet:        | 180  | 180  |
| weight of the luminaire:                | 700 g  | 900 g  |
| weight per package:                     | 950 g  | 1,150 g                                      |
| package dimensions L x W x H:           | 1,290 x 67 x 64 mm                           | 1,595 x 67 x 64 mm                           |
| weight per master carton:               | 8,800 g                                      | 10,500 g                                     |
| master carton dimensions L x W x H:     | 1,315 x 225 x 220 mm                         | 1,620 x 225 x 220 mm                         |



## tempLED 30

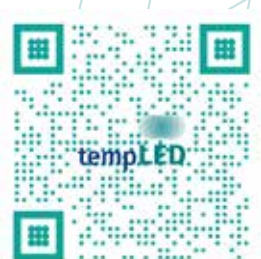
## RayProof Lite 30 - 150

|  |                    |
|--|--------------------|
| article number:                          | 505354             |
| GTIN / EAN:                              | 4260745234863      |
| initial luminous flux:                   | 3,520   4,800 lm   |
| initial system efficiency:               | 160 lm/W           |
| initial, most similar color temperature: | 4,000 K            |
| light distribution:                      | symmetrical        |
| beam angle:                              | 150 degrees        |
| dimming / control:                       | none               |
| system performance:                      | 22   30 W          |
| power consumption:                       | 0.10   0.13 A      |
| maximum inrush current:                  | 18 A               |
| dimensions (L x W x H):                  | 1,200 x 61 x 57 mm |

## tempLED 40

## RayProof Lite 40 - 150

|  |                    |
|--|--------------------|
| article number:                          | 505454             |
| GTIN / EAN:                              | 4260745234887      |
| initial luminous flux:                   | 4,480   6,400 lm   |
| initial system efficiency:               | 160 lm/W           |
| initial, most similar color temperature: | 4,000 K            |
| light distribution:                      | symmetrical        |
| beam angle:                              | 150 degrees        |
| dimming / control:                       | none               |
| system performance:                      | 28   40 W          |
| power consumption:                       | 0.12   0.18 A      |
| maximum inrush current:                  | 18 A               |
| dimensions (L x W x H):                  | 1,500 x 61 x 57 mm |



Direct link to the tempLED  
download portal



LED is sustainable.  
LED is the future.

tempLED luminaires fulfil a recycling rate of > 90%.  
That is our product promise to you.

When will you start?