

www.tempLED.de



TRI-PROOF LIGHT

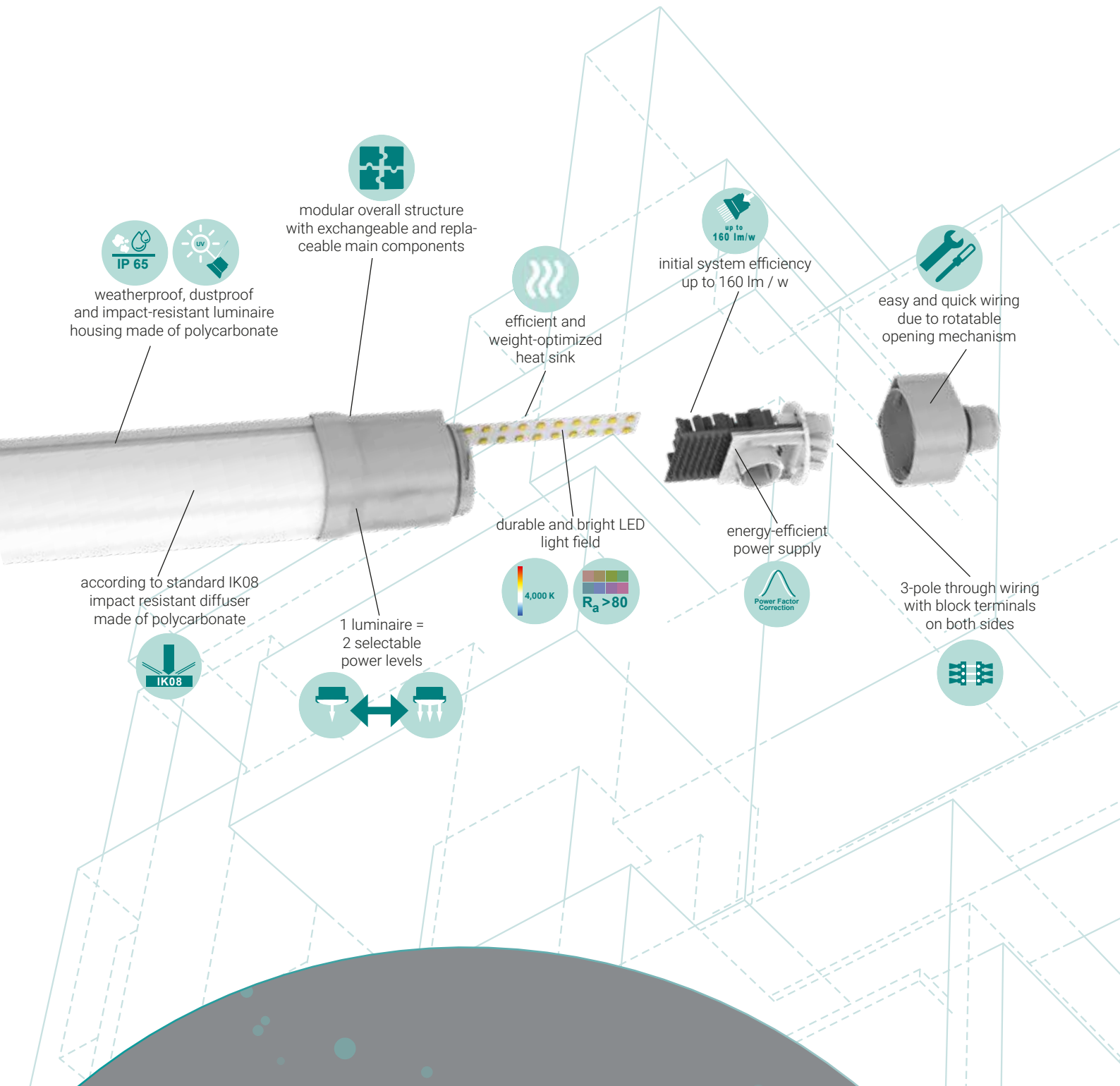
# tempLED RayProof Lite

30 | 40

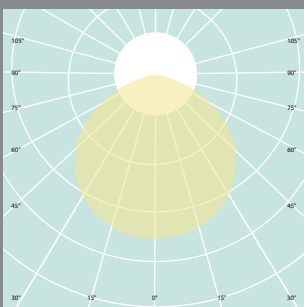
Our customer  
Heliotherm

TRI-PROOF LIGHTING 

# tempLED



## Light distribution curve tempLED RayProof Lite 30 | 40

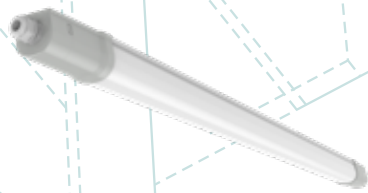


150 degrees symmetrical with diffuser

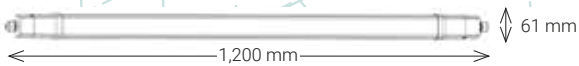
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**tempLED RayProof Lite  
30 | 40**



**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.
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### Mounting options:

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

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

**Control properties:**

occupancy control:	optional via motion sensor systems
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**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 overall length: 1,200 mm	RayProof Lite 40 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

STOCK  
ITEM

## 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

## tempLED

## Accessory catalogue RayProof Lite

## art.-no.

## GTIN / EAN

**MW - motion sensor** (order item)

motion sensor with active microwave technology, transmission frequency: 5.80 GHz  $\pm$  75 MHz, transmission power: < 0.3 mW, maximum mounting height: 6 meters, maximum detection area: 6 x 6 meters (at 6 meter mounting height), detection angle: 360 degrees, brightness sensor, orientation light function, programmable with IR remote control 505902

505900

4260745238335

**PIR - motion sensor**

motion sensor with passive infrared technology, maximum mounting height: 6 meters, maximum detection area: 5 x 5 meters (at 6 meter mounting height), detection angle: 360 degrees, brightness sensor, orientation light function, programmable with IR remote control 505902

505901

4260745238342

**IR remote control**

infrared remote control for controlling and programming the motion sensors 505900 and 505901, range: approx. 6 meters, power supply via 2 AAA batteries (not supplied)

505902

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