

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

  
**tempLED**

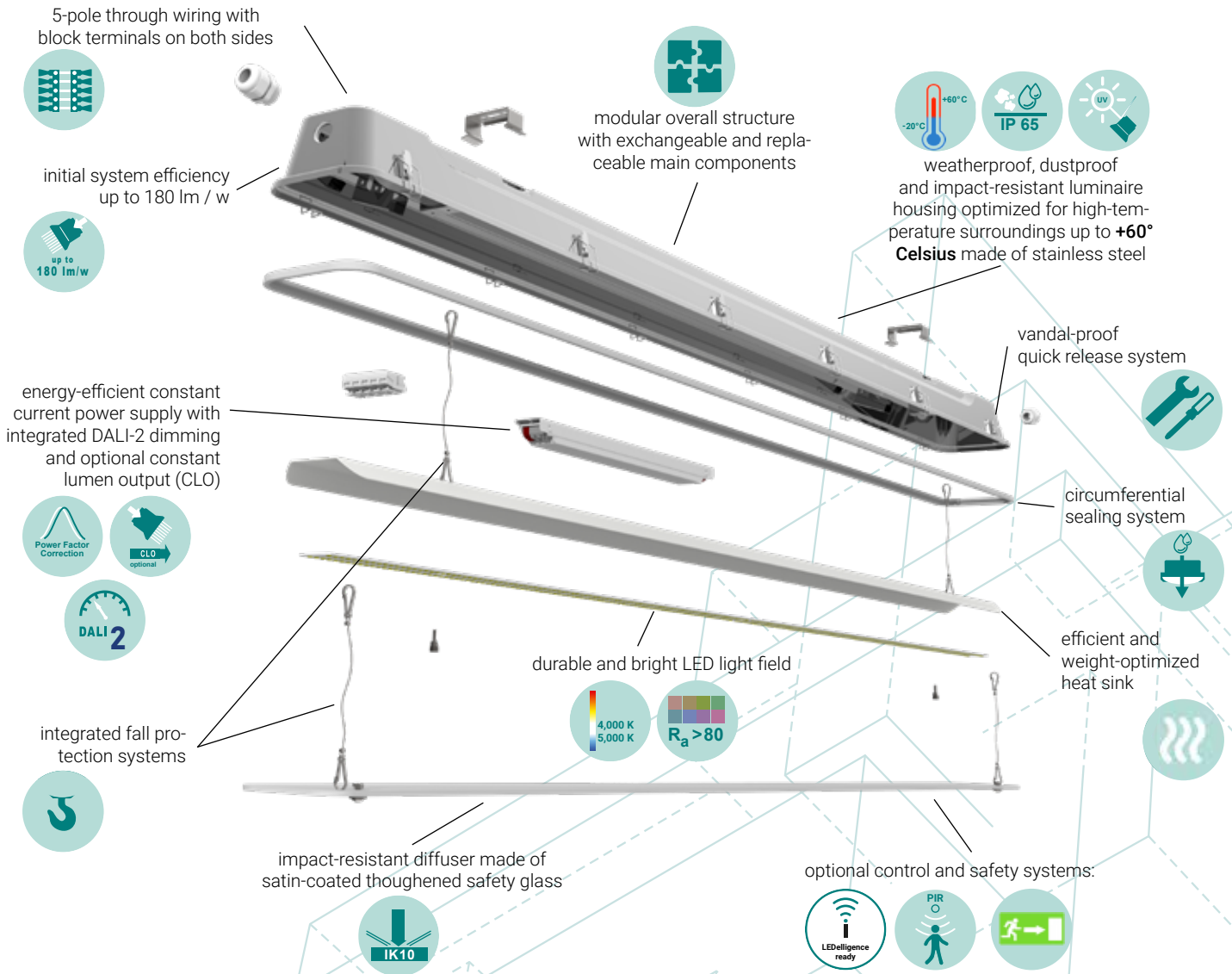
TRI-PROOF LIGHT

# tempLED RayProof Pro V2

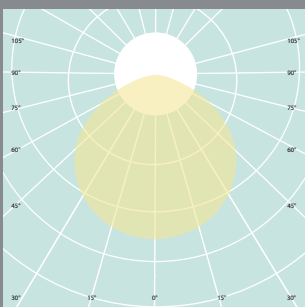
25 | 35 | 50 | 62 | 75

TRI-PROOF LIGHTING 

# tempLED



## Light distribution curve tempLED RayProof Pro V2 25 | 35 | 50 | 62 | 75

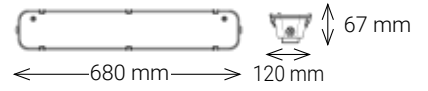
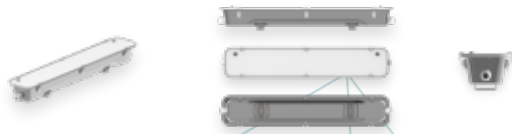


120 degrees symmetrical diffuser

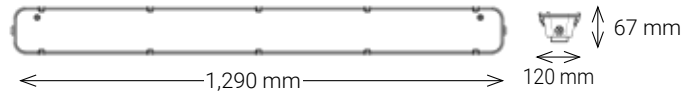
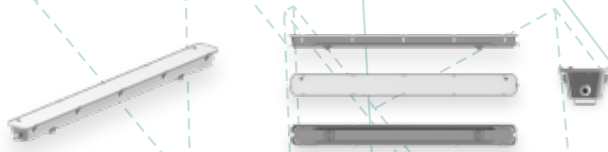
tempLED RayProof Pro V2

Dimensions

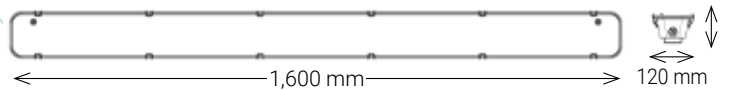
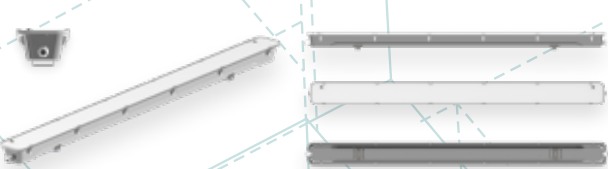
25 | 35 [overall length: 680 mm]



35 | 50 [overall length: 1,290 mm]



62 | 75 [overall length: 1,600 mm]



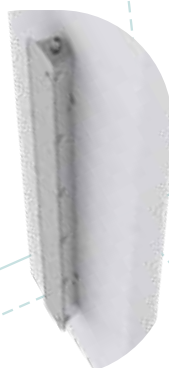
Mounting options tempLED RayProof Pro V2

25 | 35 | 50 | 62 | 75

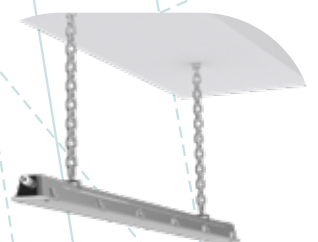
ceiling mounting



wall mounting



pendant mounting



## General technical data

according to IEC, identical for all types of luminaires



### Lighting properties:

initial luminous flux:	4,000 to 12,750 lumens
luminous flux tolerance:	± 10 percent
initial system efficiency:	up to 180 lumens / watt (with optional clear glass diffusor)
initial, most similar color temperature:	4,000 kelvins   5,000 kelvins <sup>1</sup>
initial color rendering index (CRI):	Ra > 80
initial color consistency:	< 5 SDCM
available symmetrical beam angles:	120 degrees
photobiological safety:	IEC/TR 62778: 1
compact flicker degree (CFD):	on request

### Electrotechnical properties:

power supply AC:	220 to 240 volts
supply frequency:	50 / 60 hertz
system performance:	25 to 75 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:	+75 degrees Celsius

### Energy characteristics:

Valid for all tempLED RayProof Pro V2 up to 160 lm/w:	This product contains a light source of energy efficiency class C.
Valid for all tempLED RayProof Pro V2 from 170 lm/w:	This product contains a light source of energy efficiency class B.

### Mounting options:

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

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

**Control and safety properties:**

dimming:	DALI-2
minimum dimming level:	on request
constant lumen output (CLO):	optional
emergency light module:	optional <sup>1</sup>
motion control:	optional <sup>2</sup> detector for types with DALI dimming only

**Housing properties:**

ambient temperature:	-20 up to +60 degrees Celsius
ingress protection:	IP 65
impact resistance level:	IK10
electrical protection class:	I
limited surface temperature (D):	yes
vandal - proof:	yes
housing material(s):	stainless steel 304
material(s) and finish of the standard mounting clips:	natural stainless steel
diffuser material:	thougened safety glass
diffuser finish:	white satin-coated
heat sink material:	steel
luminaire housing color:	natural stainless steel
through wiring:	5-pole (5 x 1,5 sqmm) via two terminal blocks
supply cable in- and outlet:	2x cable gland
number of poles (valid for types with DALI dimming only):	3 grid / 2 DALI
number of poles (valid for types without dimming only):	3 grid

**Additional information:**

certificates:	ENEC
conformities:	CE   RoHS   DIN 10500 (HACCP   IFS) <sup>3</sup>
lifespan (L70B10C1):	approx. 100,000 hours
lifespan (L90B10C1):	approx. 50,000 hours
guarantee:	5 years <sup>4</sup>
spare part guarantee:	10 years
delievery includes:	luminaire and two combined wall and ceiling mounting clips

<sup>1</sup> can only be used at ambient temperatures of +5 to +50 degrees Celsius.

<sup>2</sup> can only be used at ambient temperatures from -20 to +50 degrees Celsius.

<sup>3</sup> DIN 10500 only valid in combination with optional upgrade packages (article numbers 502900 / 502901 / 502902).

<sup>4</sup> according to the warranty conditions of tempLED GmbH, excluding accessories.

**Logistic information:**

luminaire:	RayProof Pro V2 25   35 overall length: 680 mm	RayProof Pro V2 35   50 overall length: 1,290 mm	RayProof Pro V2 62   75 overall length: 1,600 mm
number of luminaires per package:	1	1	1
number of luminaires per master carton:	4	4	4
number of luminaires per pallet:	252	72	72
weight of the luminaire:	2,400 g	4,200 g	5,000 g
weight per package:	2,700 g	4,680 g	5,660 g
package dimensions L x W x H:	700 x 130 x 75 mm	1,310 x 130 x 75 mm	1,620 x 130 x 75 mm
weight per master carton:	10,800 g	18,720 g	22,640 g
master carton dimensions L x W x H:	750 x 275 x 162 mm	1,360 x 275 x 162 mm	1,670 x 275 x 162 mm

## tempLED 25

	RayProof Pro V2 25 - 120	RayProof Pro V2 25 - 120	RayProof Pro V2 25 - 120	RayProof Pro V2 25 - 120
article number:	522224	522225	523224	523225
GTIN / EAN:	4262493350048	4262493350055	4262493350161	4262493350178
initial luminous flux:	4,000 lm	4,000 lm	4,000 lm	4,000 lm
initial system efficiency:	160 lm/w	160 lm/w	160 lm/w	160 lm/w
initial, most similar color temperature:	4,000 K	5,000 K	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	symmetrical
beam angle:	120 degrees	120 degrees	120 degrees	120 degrees
dimming / control:	none	none	DALI-2	DALI-2
system performance:	25 W	25 W	25 W	25 W
power consumption:	0.11 A	0.11 A	0.11 A	0.11 A
maximum inrush current:	5.50 A	5.50 A	5.50 A	5.50 A
dimensions (L x W x H):	680 x 120 x 67 mm	680 x 120 x 67 mm	680 x 120 x 67 mm	680 x 120 x 67 mm
MOQ:	100	100	100	100

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## tempLED 35

	RayProof Pro V2 35 - 120	RayProof Pro V2 35 - 120	RayProof V2 Pro 35 - 120	RayProof Pro V2 35 - 120
article number:	522324	522325	523324	523325
GTIN / EAN:	4262493350062	4262493350079	4262493350185	4262493350192
initial luminous flux:	5,950 lm	5,950 lm	5,950 lm	5,950 lm
initial system efficiency:	170 lm/w	170 lm/w	170 lm/w	170 lm/w
initial, most similar color temperature:	4,000 K	5,000 K	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	symmetrical
beam angle:	120 degrees	120 degrees	120 degrees	120 degrees
dimming / control:	none	none	DALI-2	DALI-2
system performance:	35 W	35 W	35 W	35 W
power consumption:	0.16 A	0.16 A	0.16 A	0.16 A
maximum inrush current:	5.50 A	5.50 A	5.50 A	5.50 A
dimensions (L x W x H):	680 x 120 x 67 mm	680 x 120 x 67 mm	680 x 120 x 67 mm	680 x 120 x 67 mm
MOQ:	100	none	100	100

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## tempLED 35

	RayProof Pro V2 35 - 120	RayProof Pro V2 35 - 120	RayProof Pro V2 35 - 120	RayProof Pro V2 35 - 120
article number:	522424	522425	523424	523425
GTIN / EAN:	4262493350086	4262493350093	4262493350208	4262493350215
initial luminous flux:	5,950 lm	5,950 lm	5,950 lm	5,950 lm
initial system efficiency:	170 lm/w	170 lm/w	170 lm/w	170 lm/w
initial, most similar color temperature:	4,000 K	5,000 K	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	symmetrical
beam angle:	120 degrees	120 degrees	120 degrees	120 degrees
dimming / control:	none	none	DALI-2	DALI-2
system performance:	35 W	35 W	35 W	35 W
power consumption:	0.16 A	0.16 A	0.16 A	0.16 A
maximum inrush current:	5.50 A	5.50 A	5.50 A	5.50 A
dimensions (L x W x H):	1,290 x 120 x 67 mm	1,290 x 120 x 67 mm	1,290 x 120 x 67 mm	1,290 x 120 x 67 mm
MOQ:	none	100	100	100

## tempLED 50

	RayProof Pro V2 50 - 120	RayProof Pro V2 50 - 120	RayProof Pro V2 50 - 120	RayProof Pro V2 50 - 120
article number:	522524	522525	523524	523525
GTIN / EAN:	4262493350109	4262493350116	4262493350222	4262493350239
initial luminous flux:	8,500 lm	8,500 lm	8,500 lm	8,500 lm
initial system efficiency:	170 lm/w	170 lm/w	170 lm/w	170 lm/w
initial, most similar color temperature:	4,000 K	5,000 K	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	symmetrical
beam angle:	120 degrees	120 degrees	120 degrees	120 degrees
dimming / control:	none	none	DALI-2	DALI-2
system performance:	50 W	50 W	50 W	50 W
power consumption:	0.22 A	0.22 A	0.22 A	0.22 A
maximum inrush current:	12 A	12 A	12 A	12 A
dimensions (L x W x H):	1,290 x 120 x 67 mm	1,290 x 120 x 67 mm	1,290 x 120 x 67 mm	1,290 x 120 x 67 mm
MOQ:	100	100	100	100

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## tempLED 62

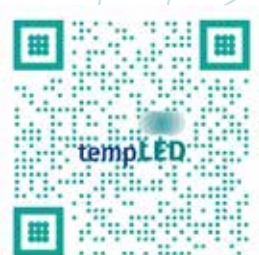
	RayProof Pro V2 62 - 120	RayProof Pro V2 62 - 120	RayProof Pro V2 62 - 120	RayProof Pro V2 62 - 120
article number:	522624	522625	523624	523625
GTIN / EAN:	4262493350123	4262493350130	4262493350246	4262493350253
initial luminous flux:	10,540 lm	10,540 lm	10,540 lm	10,540 lm
initial system efficiency:	170 lm/w	170 lm/w	170 lm/w	170 lm/w
initial, most similar color temperature:	4,000 K	5,000 K	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	symmetrical
beam angle:	120 degrees	120 degrees	120 degrees	120 degrees
dimming / control:	none	none	DALI-2	DALI-2
system performance:	62 W	62 W	62 W	62 W
power consumption:	0.27 A	0.27 A	0.27 A	0.27 A
maximum inrush current:	12 A	12 A	12 A	12 A
dimensions (L x W x H):	1,600 x 120 x 67 mm	1,600 x 120 x 67 mm	1,600 x 120 x 67 mm	1,600 x 120 x 67 mm
MOQ:	none	100	100	100

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## tempLED 75

	RayProof Pro V2 75 - 120	RayProof Pro V2 75 - 120	RayProof Pro V2 75 - 120	RayProof Pro V2 75 - 120
article number:	522724	522725	523724	523725
GTIN / EAN:	4262493350147	4262493350154	4262493350260	4262493350277
initial luminous flux:	12,750 lm	12,750 lm	12,750 lm	12,750 lm
initial system efficiency:	170 lm/w	170 lm/w	170 lm/w	170 lm/w
initial, most similar color temperature:	4,000 K	5,000 K	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	symmetrical
beam angle:	120 degrees	120 degrees	120 degrees	120 degrees
dimming / control:	none	none	DALI-2	DALI-2
system performance:	75 W	75 W	75 W	75 W
power consumption:	0.33 A	0.33 A	0.33 A	0.33 A
maximum inrush current:	15 A	15 A	15 A	15 A
dimensions (L x W x H):	1,600 x 120 x 67 mm	1,600 x 120 x 67 mm	1,600 x 120 x 67 mm	1,600 x 120 x 67 mm
MOQ:	none	none	100	100

tempLED	Accessory catalogue RayProof Pro V2	art.-no.	GTIN / EAN
	<b>emergency light module</b> suitable only for luminaires with overall lengths of 1,290 and 1,600 mm with automatic detection of failure and return of supply voltage, display of functional status, battery type: LiFePO4, running time approx. 3 hours with an output power of approx. 3,5 watts, recharging time: approx. 24 hours, can only be used at ambient temperatures from +5 to +50 degrees Celsius, mounted in the luminaire ready for use	522900	4262493350284
 	<b>LEDelligence PIR motion detector as assembly kit</b> suitable only for luminaires with DALI dimming kit consisting of PIR motion detector and mounting adapter for direct installation of the system on the cable gland of the luminaire (through-wiring not possible); integrated light sensor with measuring range up to 1,000 lux for activation of the PIR motion detector, detection angle: 360 degrees, protection class: IP 65, power supply: 220 - 240 VAC, 50/60 Hz, can only be used at ambient temperatures of -20 to +50 degrees Celsius. Programming and control via Bluetooth mesh network and app. maximum mounting height: 3.50 meters, maximum detection range: Ø 12 meters maximum mounting height: 12.00 meters, maximum detection range: Ø 12 meters maximum mounting height: 17.00 meters, maximum detection range: Ø 18 meters	932386 932385 932382	4260745237499 4260745237482 4260745235860
	<b>clear glass diffuser</b> made of toughened safety glass to IK10 standard finish: clear, initial system efficiency increases to 170 or 180 lm/w suitable for overall length 680 mm suitable for overall length 1,290 mm suitable for overall length 1,600 mm	522901 522902 522903	4262493350291 4262493350307 4262493350314
	<b>upgrade package to DIN 10500 (HACCP / IFS)</b> upgrade of <u>one</u> tempLED RayProof Pro V2 to comply with DIN 10500 (HACCP / IFS) suitable for overall length 680 mm suitable for overall length 1,290 mm suitable for overall length 1,600 mm	502900 502901 502902	4260745236881 4260745236898 4260745236904



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LED is the future.

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

When will you start?