

www.tempLED.de

  
**tempLED**

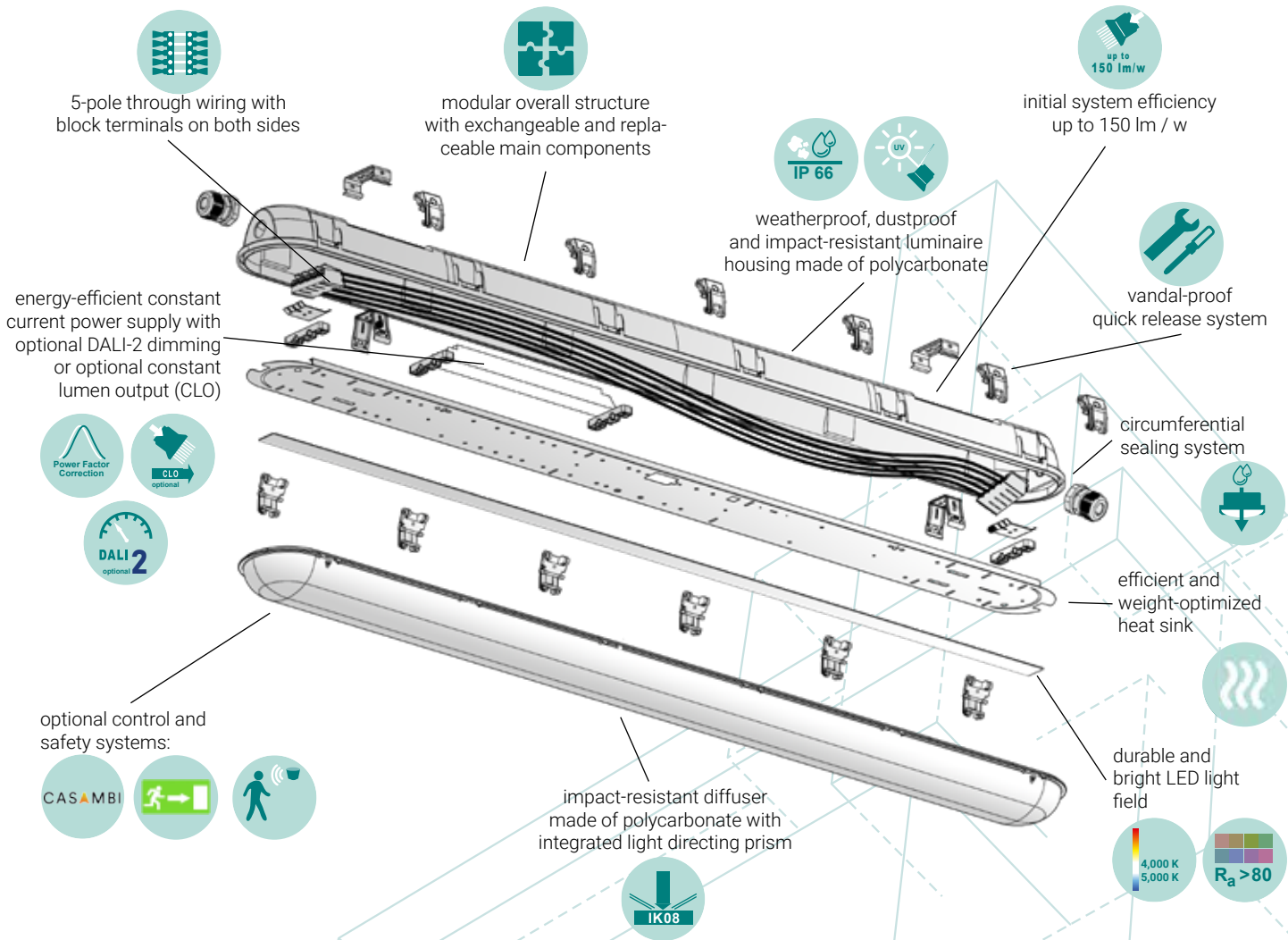
TRI-PROOF LIGHT  
**tempLED RayProof V2**

20 | 36 | 65 | 80

Our customer  
Heliotherm

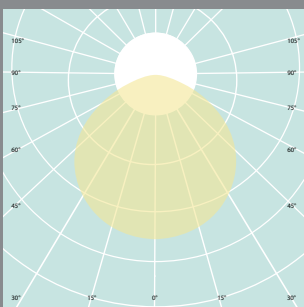
TRI-PROOF LIGHTING 

# tempLED



## Light distribution curve tempLED RayProof V2

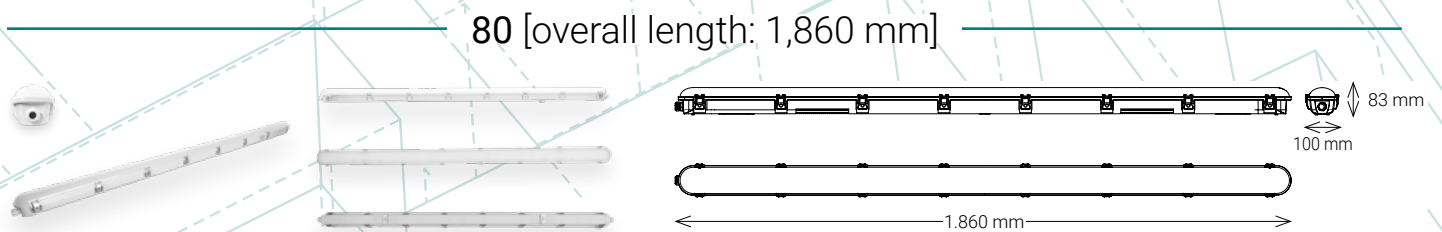
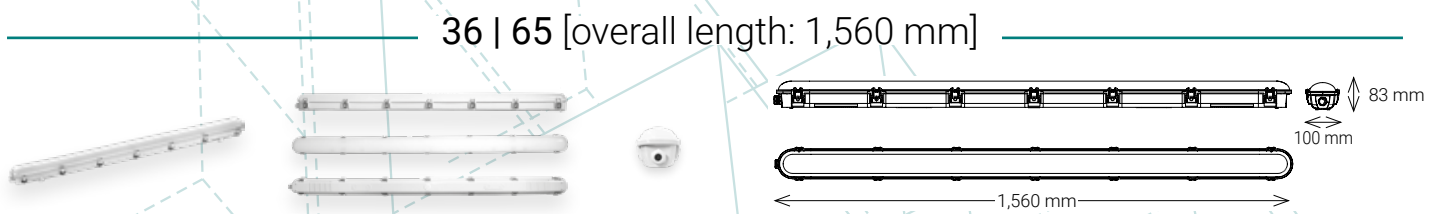
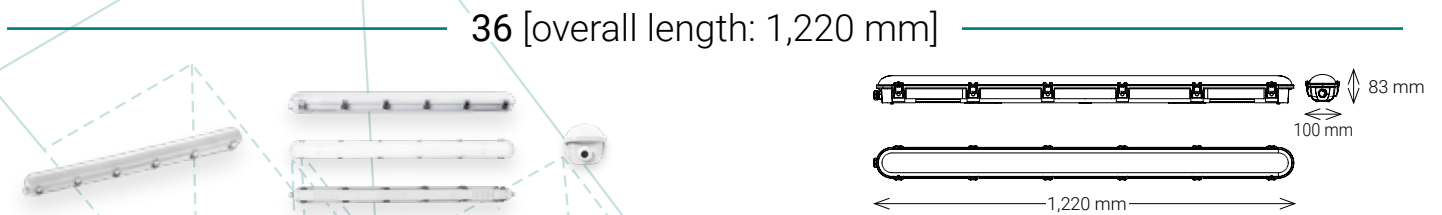
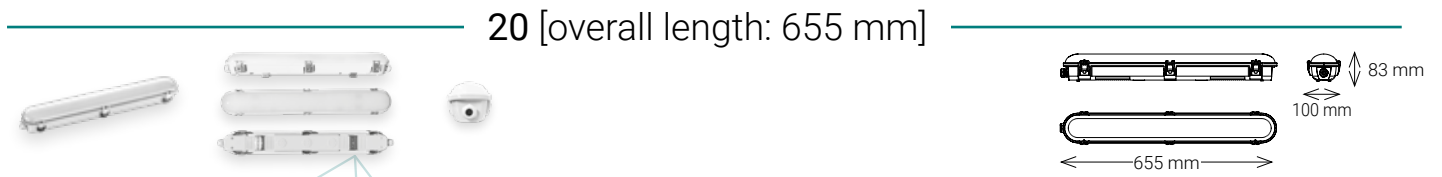
20 | 36 | 65 | 80



120 degrees symmetrical light directing prism

tempLED RayProof V2

Dimensions



Mounting options tempLED RayProof V2

20 | 36 | 65 | 80

ceiling mounting

wall mounting

pendant mounting



## General technical data

according to IEC, identical for all types of luminaires



### Lighting properties:

initial luminous flux:	3,000 to 12,000 lumens
luminous flux tolerance:	± 10 percent
initial system efficiency:	up to 150 lumens / watt
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:	20 to 80 watts
system performance tolerance:	± 10 percent
power factor:	> 0.93
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 V2:	This product contains a light source of energy efficiency class C.
------------------------------------	--

### 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 optional
minimum dimming level:	on request
constant lumen output (CLO):	optional
control via the Casambi network:	optional (types with DALI dimming only)
emergency light module:	optional <sup>1</sup>
occupancy control:	optional via presence detector (types with DALI dimming only)
daylight control system:	optional via the Casambi network (types with DALI dimming only)

**Housing properties:**

ambient temperature:	-20 to +50 degrees Celsius
ingress protection:	IP 66
impact resistance level:	IK08
electrical protection class:	I
limited surface temperatur (D):	yes
vandal - proof:	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:	light directing prism
heat sink material:	steel
luminaire housing color:	signal gray according to RAL 7004
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 without dimming only):	3 grid
number of poles (valid for types with DALI dimming only):	3 grid / 2 DALI

**Additional information:**

certificates:	ENEC
conformities:	CE   RoHS   DIN 10500 (HACCP   IFS)
lifespan (L70B10C1):	approx. 100,000 hours
lifespan (L90B10C1):	approx. 50,000 hours
guarantee:	5 years <sup>2</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 from +5 to +50 degrees Celsius.

<sup>2</sup> according to the warranty conditions of tempLED GmbH, excluding accessories.

**Logistic information:**

luminaire:	RayProof V2 20 overall length: 655 mm	RayProof V2 36 overall length: 1,220 mm	RayProof V2 36   65 overall length: 1,560 mm	RayProof V2 80 overall length: 1,860 mm
number of luminaires per package:	1	1	1	1
number of luminaires per master carton:	9	6	6	4
number of luminaires per pallet:	252	72	72	80
weight of the luminaire:	1,120 g	1,920 g	2,350 g	2,850 g
weight per package:	1,360 g	2,330 g	2,900 g	3,480 g
package dimensions L x W x H:	690 x 107 x 90 mm	1,260 x 107 x 90 mm	1,600 x 107 x 90 mm	1,898 x 107 x 90 mm
weight per master carton:	12,200 g	13,950 g	17,400 g	13,900 g
master carton dimensions L x W x H:	705 x 336 x 285 mm	1,275 x 336 x 195 mm	1,615 x 336 x 195 mm	1,915 x 229 x 195 mm

tempLED 20	RayProof V2 20 - 120	RayProof V2 20 - 120	RayProof V2 20 - 120	RayProof V2 20 - 120
article number:	503204	503205	504204	504205
GTIN / EAN:	4260669190504	4260669190511	4260669191303	4260669191310
initial luminous flux:	3,000 lm	3,000 lm	3,000 lm	3,000 lm
initial system efficiency:	150 lm/w	150 lm/w	150 lm/w	150 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:	20 W	20 W	20 W	20 W
power consumption:	0.10 A	0.10 A	0.10 A	0.10 A
maximum inrush current:	6.10 A	6.10 A	6.10 A	6.10 A
dimensions (L x W x H):	655 x 100 x 83 mm	655 x 100 x 83 mm	655 x 100 x 83 mm	655 x 100 x 83 mm
MOQ:	100	100	100	100

tempLED 20	RayProof V2 20 - 120	RayProof V2 20 - 120
article number:	504204C	504205C
GTIN / EAN:	4260669198432	4260669198449
initial luminous flux:	3,000 lm	3,000 lm
initial system efficiency:	150 lm/w	150 lm/w
initial, most similar color temperature:	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical
beam angle:	120 degrees	120 degrees
dimming / control:	Casambi	Casambi
system performance:	20 W	20 W
power consumption:	0.10 A	0.10 A
maximum inrush current:	6.10 A	6.10 A
dimensions (L x W x H):	655 x 100 x 83 mm	655 x 100 x 83 mm
MOQ:	100	100

tempLED 36	RayProof V2 36 - 120	RayProof V2 36 - 120	RayProof V2 36 - 120	RayProof V2 36 - 120
article number:	503364	503365	504364	504365
GTIN / EAN:	4260669190528	4260669190535	4260669191327	4260669191334
initial luminous flux:	5,400 lm	5,400 lm	5,400 lm	5,400 lm
initial system efficiency:	150 lm/w	150 lm/w	150 lm/w	150 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:	36 W	36 W	36 W	36 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):	1,220 x 100 x 83 mm	1,220 x 100 x 83 mm	1,220 x 100 x 83 mm	1,220 x 100 x 83 mm
MOQ:	none	none	none	none

STOCK  
ITEMSTOCK  
ITEM

## tempLED 36

	RayProof V2 36 - 120	RayProof V2 36 - 120
article number:	504364C	504365C
GTIN / EAN:	4260669198456	4260669198463
initial luminous flux:	5,400 lm	5,400 lm
initial system efficiency:	150 lm/w	150 lm/w
initial, most similar color temperature:	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical
beam angle:	120 degrees	120 degrees
dimming / control:	Casambi	Casambi
system performance:	36 W	36 W
power consumption:	0.16 A	0.16 A
maximum inrush current:	5.50 A	5.50 A
dimensions (L x W x H):	1,220 x 100 x 83 mm	1,220 x 100 x 83 mm
MOQ:	none	none

## tempLED 36

	RayProof V2 36 - 120	RayProof V2 36 - 120	RayProof V2 36 - 120	RayProof V2 36 - 120
article number:	503374	503375	504374	504375
GTIN / EAN:	4260669190542	4260669190559	4260669191341	4260669191358
initial luminous flux:	5,400 lm	5,400 lm	5,400 lm	5,400 lm
initial system efficiency:	150 lm/w	150 lm/w	150 lm/w	150 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:	36 W	36 W	36 W	36 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):	1,560 x 100 x 83 mm	1,560 x 100 x 83 mm	1,560 x 100 x 83 mm	1,560 x 100 x 83 mm
MOQ:	none	none	none	none

## tempLED 36

	RayProof V2 36 - 120	RayProof V2 36 - 120
article number:	504374C	504375C
GTIN / EAN:	4260669198470	4260669198487
initial luminous flux:	5,400 lm	5,400 lm
initial system efficiency:	150 lm/w	150 lm/w
initial, most similar color temperature:	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical
beam angle:	120 degrees	120 degrees
dimming / control:	Casambi	Casambi
system performance:	36 W	36 W
power consumption:	0.16 A	0.16 A
maximum inrush current:	5.50 A	5.50 A
dimensions (L x W x H):	1,560 x 100 x 83 mm	1,560 x 100 x 83 mm
MOQ:	none	none

**tempLED 65**

	RayProof V2 65 - 120	RayProof V2 65 - 120	RayProof V2 65 - 120	RayProof V2 65 - 120
article number:	503654	503655	504654	504655
GTIN / EAN:	4260669190566	4260669190573	4260669191365	4260669191372
initial luminous flux:	9,750 lm	9,750 lm	9,750 lm	9,750 lm
initial system efficiency:	150 lm/w	150 lm/w	150 lm/w	150 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:	65 W	65 W	65 W	65 W
power consumption:	0.29 A	0.29 A	0.29 A	0.29 A
maximum inrush current:	12 A	12 A	12 A	12 A
dimensions (L x W x H):	1,560 x 100 x 83 mm	1,560 x 100 x 83 mm	1,560 x 100 x 83 mm	1,560 x 100 x 83 mm
MOQ:	none	none	none	none

**tempLED 65**

	RayProof V2 65 - 120	RayProof V2 65 - 120
article number:	504654C	504655C
GTIN / EAN:	4260669198494	4260669198500
initial luminous flux:	9,750 lm	9,750 lm
initial system efficiency:	150 lm/w	150 lm/w
initial, most similar color temperature:	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical
beam angle:	120 degrees	120 degrees
dimming / control:	Casambi	Casambi
system performance:	65 W	65 W
power consumption:	0.29 A	0.29 A
maximum inrush current:	12 A	12 A
dimensions (L x W x H):	1,560 x 100 x 83 mm	1,560 x 100 x 83 mm
MOQ:	none	none



**tempLED 80**

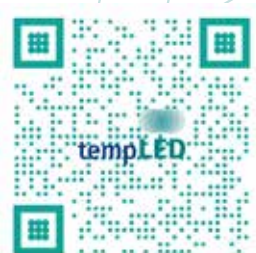
	RayProof V2 80 - 120	RayProof V2 80 - 120	RayProof V2 80 - 120	RayProof V2 80 - 120
article number:	503804	503805	504804	504805
GTIN / EAN:	4260669190580	4260669190597	4260669191389	4260669191396
initial luminous flux:	12,000 lm	12,000 lm	12,000 lm	12,000 lm
initial system efficiency:	150 lm/w	150 lm/w	150 lm/w	150 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:	80 W	80 W	80 W	80 W
power consumption:	0.35 A	0.35 A	0.35 A	0.35 A
maximum inrush current:	15 A	15 A	15 A	15 A
dimensions (L x W x H):	1,860 x 100 x 83 mm	1,860 x 100 x 83 mm	1,860 x 100 x 83 mm	1,860 x 100 x 83 mm
MOQ:	100	none	100	none



## tempLED 80

	RayProof V2 80 - 120	RayProof V2 80 - 120
article number:	504804C	504805C
GTIN / EAN:	4260669198517	4260669198524
initial luminous flux:	12,000 lm	12,000 lm
initial system efficiency:	150 lm/w	150 lm/w
initial, most similar color temperature:	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical
beam angle:	120 degrees	120 degrees
dimming / control:	Casambi	Casambi
system performance:	80 W	80 W
power consumption:	0.35 A	0.35 A
maximum inrush current:	15 A	15 A
dimensions (L x W x H):	1,860 x 100 x 83 mm	1,860 x 100 x 83 mm
MOQ:	100	none

tempLED	Accessory catalogue RayProof V2	art.-no.	GTIN / EAN
	<b>emergency light module</b> suitable only for luminaires with overall lengths of 1,220, 1,560 and 1,860 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	503900	4260745237314
	<b>presence detector system as assembly kit</b> suitable only for luminaires with DALI dimming assembly kit consisting of presence detector with PIR technology and mounting adapter for direct installation of the system on the cable gland of the luminaire (through-wiring not possible); integrated daylight sensor, detection angle: 360 degrees, ingress protection: IP 65, power supply directly via DALI bus maximum mounting height: 3.50 meters, maximum detection range: Ø 10 to 12 meters maximum mounting height: 12.00 meters, maximum detection range: Ø 10 meters maximum mounting height: 17.00 meters, maximum detection range: Ø 18 meters	932386 932385 932382	4260745237499 4260745237482 4260745235860



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?