

www.tempLED.de

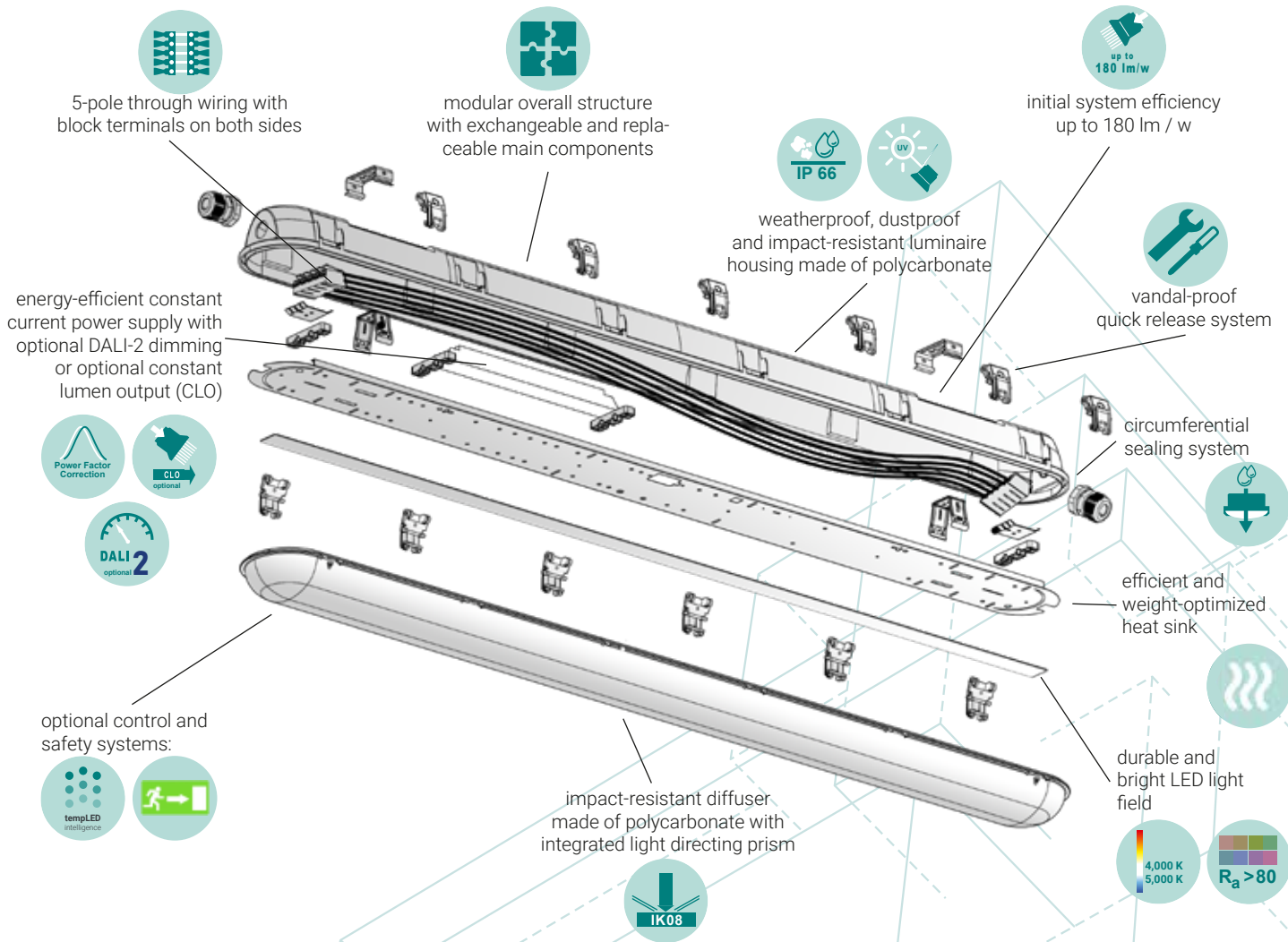

tempLED

TRI-PROOF LIGHT
tempLED RayProof V3
20 | 36 | 65 | 80

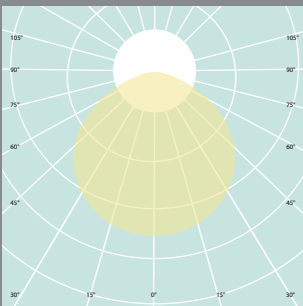
Our customer
Heliotherm

TRI-PROOF LIGHTING 

tempLED



Light distribution curve tempLED RayProof V3 20 | 36 | 65 | 80

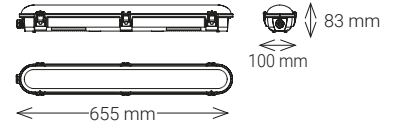


120 degrees symmetrical
light directing prism

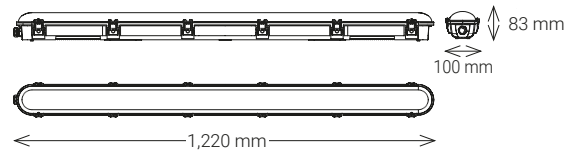
tempLED RayProof V3

Dimensions

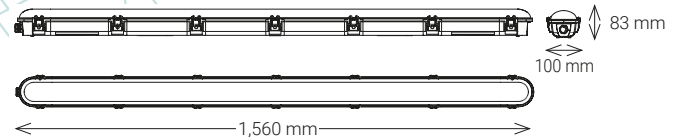
20 [overall length: 655 mm]



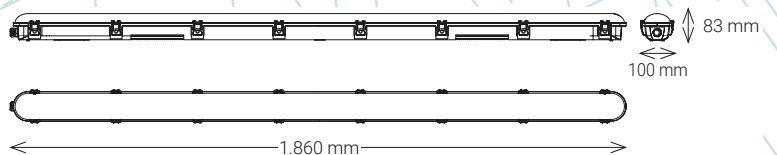
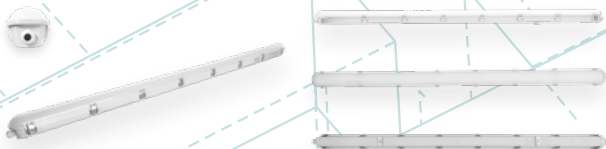
36 [overall length: 1,220 mm]



36 | 65 [overall length: 1,560 mm]



80 [overall length: 1,860 mm]



Mounting options tempLED RayProof V3

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:	3,400 to 14,400 lumens
luminous flux tolerance:	± 10 percent
initial system efficiency:	up to 180 lumens / watt
initial, most similar color temperature:	4,000 kelvins 5,000 kelvins ¹
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
power supply DC:	176 to 250 volts
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 V3:	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

¹ 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 ¹
occupancy control:	optional via SensorSystem ² (types with DALI dimming only)
daylight control system:	optional via SensorSystem ² (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:	clear with 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 ³
spare part guarantee:	10 years
delievery includes:	luminaire and two combined wall and ceiling mounting clips

¹ can only be used at ambient temperatures from +5 to +50 degrees Celsius. ² can only be used at ambient temperatures from 0 to +50 degrees Celsius.

³ according to the warranty conditions of tempLED GmbH, excluding accessories.

Logistic information:

luminaire:	RayProof V3 20 overall length: 655 mm	RayProof V3 36 overall length: 1,220 mm	RayProof V3 36 65 overall length: 1,560 mm	RayProof V3 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:	680 x 107 x 90 mm	1,250 x 107 x 90 mm	1,590 x 107 x 90 mm	1,890 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:	685 x 339 x 280 mm	1,255 x 230 x 280 mm	1,595 x 230 x 280 mm	1,895 x 162 x 191 mm

tempLED 20

	RayProof V3 20 - 120	RayProof V3 20 - 120	RayProof V3 20 - 120	RayProof V3 20 - 120
article number:	533204	533205	534204	534205
GTIN / EAN:	4260745239837	4260745239844	4260745239936	4260745239943
initial luminous flux:	3,400 lm	3,400 lm	3,400 lm	3,400 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:	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 36

	RayProof V3 36 - 120	RayProof V3 36 - 120	RayProof V3 36 - 120	RayProof V3 36 - 120
article number:	533364	533365	534364	534365
GTIN / EAN:	4260745239851	4260745239868	4260745239950	4260745239967
initial luminous flux:	6,480 lm	6,480 lm	6,480 lm	6,480 lm
initial system efficiency:	180 lm/w	180 lm/w	180 lm/w	180 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

tempLED 36

	RayProof V3 36 - 120	RayProof V3 36 - 120	RayProof V3 36 - 120	RayProof V3 36 - 120
article number:	533374	533375	534374	534375
GTIN / EAN:	4260745239875	4260745239882	4260745239974	4260745239981
initial luminous flux:	6,480 lm	6,480 lm	6,480 lm	6,480 lm
initial system efficiency:	180 lm/w	180 lm/w	180 lm/w	180 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



tempLED 65

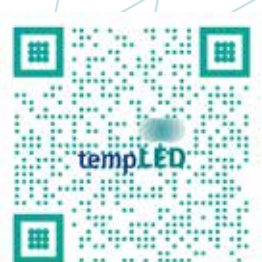
	RayProof V3 65 - 120	RayProof V3 65 - 120	RayProof V3 65 - 120	RayProof V3 65 - 120
article number:	533654	533655	534654	534655
GTIN / EAN:	4260745239899	4260745239905	4260745239998	4262493350000
initial luminous flux:	11,700 lm	11,700 lm	11,700 lm	11,700 lm
initial system efficiency:	180 lm/w	180 lm/w	180 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 80

	RayProof V3 80 - 120	RayProof V3 80 - 120	RayProof V3 80 - 120	RayProof V3 80 - 120
article number:	533804	533805	534804	534805
GTIN / EAN:	4260745239912	4260745239929	4262493350017	4262493350024
initial luminous flux:	14,400 lm	14,400 lm	14,400 lm	14,400 lm
initial system efficiency:	180 lm/w	180 lm/w	180 lm/w	180 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	Accessory catalogue RayProof V3	art.-no.	GTIN / EAN
	Casambi control unit suitable only for luminaires with DALI dimming for integrating and controlling the luminaire via the Casambi network, integrated in a surface-mounted housing made of UV-resistant polycarbonate according to standard IP 66/IK09, dimensions: 104 x 104 x 70 mm, housing colour: light grey similar to RAL7035, can only be used at ambient temperatures of -20 to +50 degrees Celsius, power supply: 220 - 240 VAC, 50/60 Hz	934230	4260745230049
	emergency light module 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	533900	4262493350031
	presence detector system as assembly kit 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: 220 - 240 VAC, 50/60 Hz 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
	SensorSystem suitable only for RayProof V3 36 and 65 with DALI dimming for controlling the tempLED RayProof V3 via tempLED intelligence; integrated motion detector with passive infrared (PIR) technology, detection angle: 360 degrees, maximum mounting height: 12 meters, detection range: maximum 28 x 28 meters (at 12 meters mounting height), integrated daylight sensor, maximum controllable number of luminaires: 1, Bluetooth 4.0 - wireless network for data transmission between sensor and gateway with 128-bit AES encryption and a maximum range of 46 metres in free field, can only be used at ambient temperatures of 0 to +50 degrees Celsius, power supply: 220 - 240 VAC, 50/60 Hz, integrated in a surface-mounted polycarbonate housing according to standard IP 65, finish in light grey similar to RAL7035, dimensions (W x D x H): 120 x 150 x 120 mm Important note: On-site commissioning and programming by specialised personnel required.	777043	4260745239011



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?