

www.templed.de



tempLED

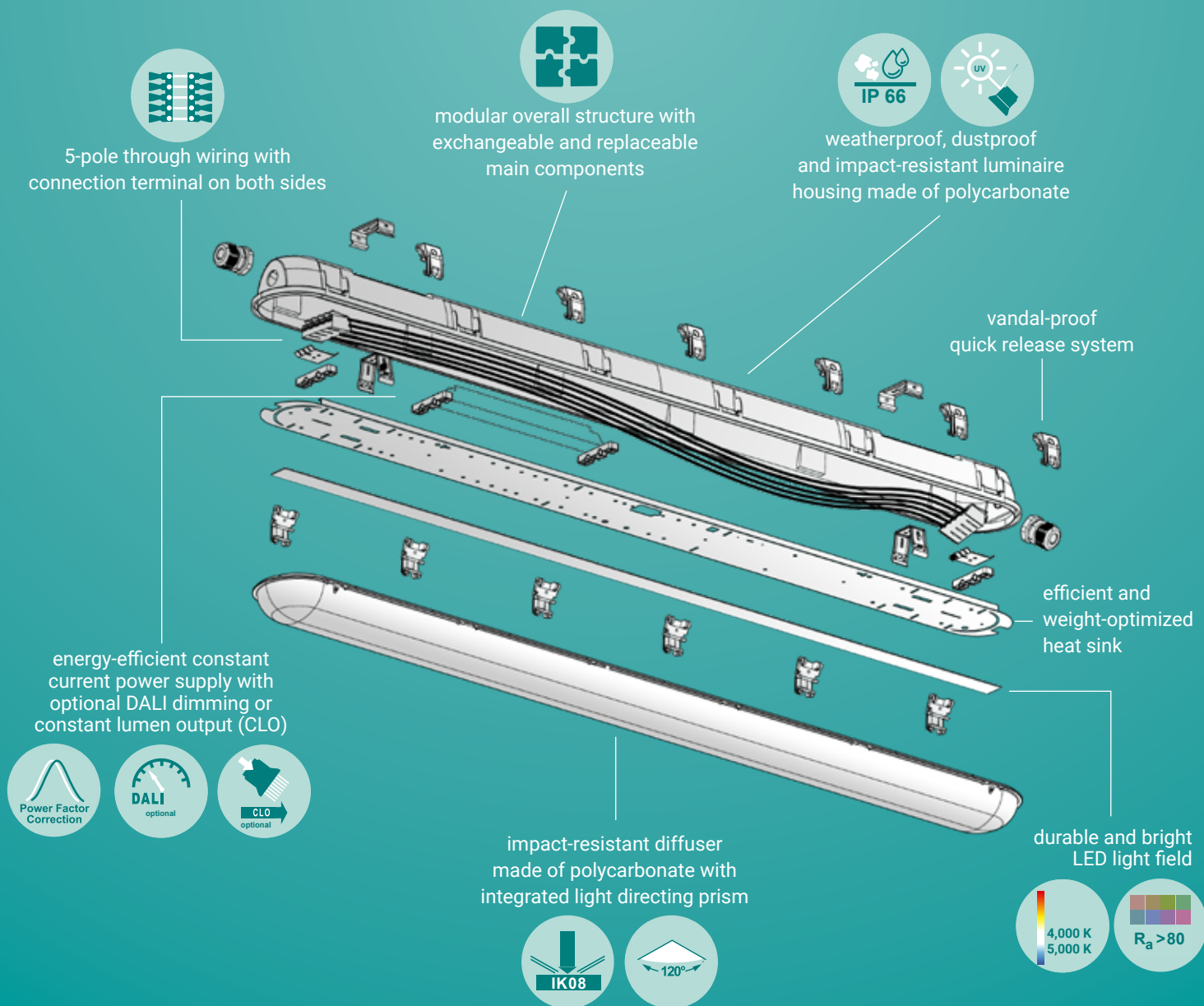


TRI-PROOF LIGHTS

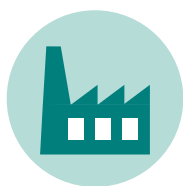
tempLED RayProof V2

20 | 36 | 65 | 80

MULTI-PURPOSE AND TRI-PROOF LIGHTS 



Applications:



industrial plants



cold storages



logistics areas

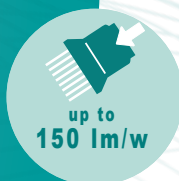


assembly lines

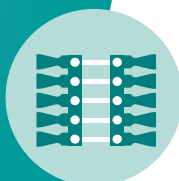


parking lots

initial system efficiency
up to 150 lm / w



5-pole through wiring



intelligent control options

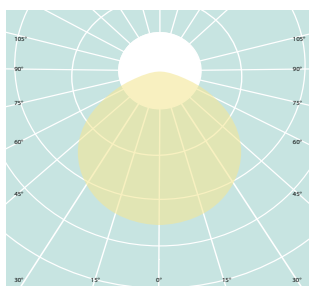


5 years guarantee



»Professional
in all details«

Light distribution curve tempLED RayProof V2
20 | 36 | 65 | 80



120 degrees symmetrical

General technical data (according to IEC, identical for all types of luminaires)

Lighting properties

initial luminous flux:	approx. 3,000 to 12,000 lumens	luminous flux tolerance:	± 10 percent
initial system efficiency:	up to 150 lumens / watt	photobiological safety:	IEC/TR 62778: 1
initial, most similar color temperature:	4,000 and 5,000 kelvins ¹	initial color consistency:	< 5 SDCM
initial color rendering index (CRI):	R _a > 80	compact flicker degree (CFD):	on request

¹ additional color temperatures 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
overvoltage protection:	yes	overheating protection:	yes
temperature monitoring:	yes	power factor:	> 0.93
total harmonic distortion:	< 20 percent	through-wiring:	5-pole via 2 clamp terminals
temperature classification (ATEX):	T6	T _c temperature:	+75 degrees Celsius

Control and dimming properties

dimming:	DALI optional	minimum dimming level:	10 percent
control:	Casambi and Nedap optional	constant lumen output (CLO):	optional
human centric lighting (HCL):	on request	emergency light module:	optional

Housing properties

ambient temperature:	-40 to +50 degrees Celsius	ingress protection:	IP 66
impact resistance level:	IK08	electrical protection class:	I
limited surface temperature (D):	yes	vandal-proof:	yes
housing material:	impact resistant polycarbonate	diffuser material:	impact-resistant polycarbonate
housing color:	signal gray (RAL7004)	diffuser design:	light directing prism
supply connection:	cable gland		

Additional informationen

certificates:	ENEC	conformities:	CE and RoHS
lifespan (L70B10C1):	approx. 100,000 hours	lifespan (L90B10C1):	approx. 50,000 hours
guarantee:	5 years ²	spare parts guarantee:	10 years
delivery includes:	luminaire and two combined wall and ceiling mounting clips		

² according to the warranty conditions of tempLED GmbH, excluding accessories.

Logistic informationen

	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:	9	6	6	4
number of luminaires per pallet:	252	72	72	80
net weight of luminaire:	900 g	1,600 g	2,000 g	2,300 g
gross weight per package:	950 g	1,700 g	2,100 g	2,400 g
package dimensions L x W x H:	655 x 280 x 335 mm	1,220 x 280 x 210 mm	1,595 x 280 x 210 mm	1,890 x 190 x 220 mm

Energy characteristics

Valid for all tempLED RayProof V2:	This product contains a light source of energy efficiency class C.
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tempLED RayProof V2 20 [overall length: 655 mm]



tempLED RayProof V2 36 [overall length: 1,220 mm]



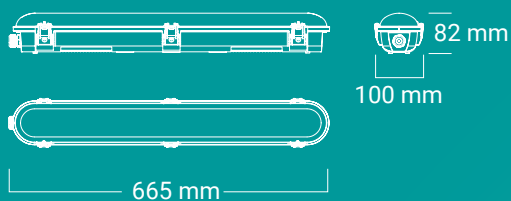
tempLED RayProof V2 36 | 65 [overall length: 1,560 mm]



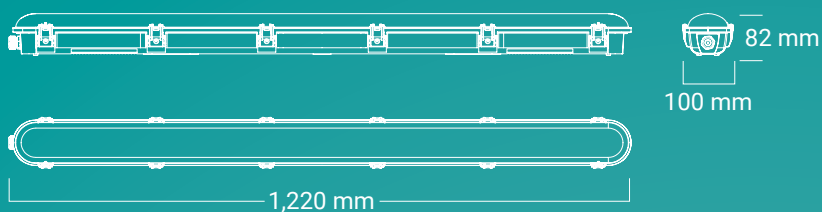
tempLED RayProof V2 80 [overall length: 1,860 mm]



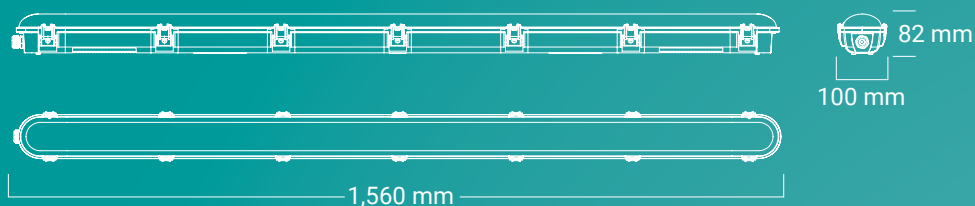
Dimensions tempLED RayProof V2 20 [overall length: 655 mm]



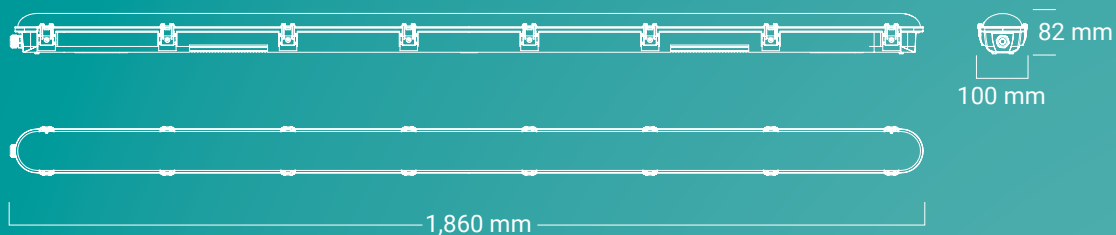
Dimensions tempLED RayProof V2 36 [overall length: 1,220 mm]



Dimensions tempLED RayProof V2 36 | 65 [overall length: 1,560 mm]



Dimensions tempLED RayProof V2 80 [overall length: 1,860 mm]



Mounting options tempLED RayProof V2 20 | 36 | 65 | 80

pendant mounting



ceiling mounting



wall mounting



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:	approx. 3,000 lm	approx. 3,000 lm	approx. 3,000 lm	approx. 3,000 lm	
initial system efficiency:	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	
initial, most similar color temp.:	4,000 K	5,000 K	4,000 K	5,000 K	
light distribution:	symmetrical	symmetrical	symmetrical	symmetrical	
beam angle:	120°	120°	120°	120°	
dimming / control:	none	none	DALI	DALI	
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 97 x 82 mm	655 x 97 x 82 mm	655 x 97 x 82 mm	655 x 97 x 82 mm	
stock item:	no	no	no	no	

tempLED	20	RayProof V2 20 - 120	RayProof V2 20 - 120	RayProof V2 20 - 120	RayProof V2 20 - 120
article number:	503204C	503205C	504204N	504205N	
GTIN / EAN:	4260669198432	4260669198449	4260669198531	4260669198548	
initial luminous flux:	approx. 3,000 lm	approx. 3,000 lm	approx. 3,000 lm	approx. 3,000 lm	
initial system efficiency:	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	
initial, most similar color temp.:	4,000 K	5,000 K	4,000 K	5,000 K	
light distribution:	symmetrical	symmetrical	symmetrical	symmetrical	
beam angle:	120°	120°	120°	120°	
dimming / control:	Casambi	Casambi	Nedap	Nedap	
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 97 x 82 mm	655 x 97 x 82 mm	655 x 97 x 82 mm	655 x 97 x 82 mm	
stock item:	no	no	no	no	

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:	approx. 5,400 lm	approx. 5,400 lm	approx. 5,400 lm	approx. 5,400 lm	
initial system efficiency:	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	
initial, most similar color temp.:	4,000 K	5,000 K	4,000 K	5,000 K	
light distribution:	symmetrical	symmetrical	symmetrical	symmetrical	
beam angle:	120°	120°	120°	120°	
dimming / control:	none	none	DALI	DALI	
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	
stock item:	yes	yes	no	no	

tempLED	36	RayProof V2 36 - 120	RayProof V2 36 - 120	RayProof V2 36 - 120	RayProof V2 36 - 120
article number:		504364C	504365C	504364N	504365N
GTIN / EAN:		4260669198456	4260669198463	4260669198555	4260669198562
initial luminous flux:		approx. 5,400 lm	approx. 5,400 lm	approx. 5,400 lm	approx. 5,400 lm
initial system efficiency:		approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W
initial, most similar color temp.:		4,000 K	5,000 K	4,000 K	5,000 K
light distribution:		symmetrical	symmetrical	symmetrical	symmetrical
beam angle:		120°	120°	120°	120°
dimming / control:		Casambi	Casambi	Nedap	Nedap
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
stock item:		no	no	no	no

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:		approx. 5,400 lm	approx. 5,400 lm	approx. 5,400 lm	approx. 5,400 lm
initial system efficiency:		approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W
initial, most similar color temp.:		4,000 K	5,000 K	4,000 K	5,000 K
light distribution:		symmetrical	symmetrical	symmetrical	symmetrical
beam angle:		120°	120°	120°	120°
dimming / control:		none	none	DALI	DALI
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
stock item:		yes	yes	no	no

tempLED	36	RayProof V2 36 - 120	RayProof V2 36 - 120	RayProof V2 36 - 120	RayProof V2 36 - 120
article number:		504374C	504375C	504374N	504375N
GTIN / EAN:		4260669198470	4260669198487	4260669198579	4260669198586
initial luminous flux:		approx. 5,400 lm	approx. 5,400 lm	approx. 5,400 lm	approx. 5,400 lm
initial system efficiency:		approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W
initial, most similar color temp.:		4,000 K	5,000 K	4,000 K	5,000 K
light distribution:		symmetrical	symmetrical	symmetrical	symmetrical
beam angle:		120°	120°	120°	120°
dimming / control:		Casambi	Casambi	Nedap	Nedap
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
stock item:		no	no	no	no

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:		approx. 9,750 lm	approx. 9,750 lm	approx. 9,750 lm	approx. 9,750 lm
initial system efficiency:		approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W
initial, most similar color temp.:		4,000 K	5,000 K	4,000 K	5,000 K
light distribution:		symmetrical	symmetrical	symmetrical	symmetrical
beam angle:		120°	120°	120°	120°
dimming / control:		none	none	DALI	DALI
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
stock item:		yes	yes	no	no

tempLED	65	RayProof V2 65 - 120	RayProof V2 65 - 120	RayProof V2 65 - 120	RayProof V2 65 - 120
article number:		504654C	504655C	504654N	504655N
GTIN / EAN:		4260669198494	4260669198500	4260669198593	4260669198609
initial luminous flux:		approx. 9,750 lm	approx. 9,750 lm	approx. 9,750 lm	approx. 9,750 lm
initial system efficiency:		approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W
initial, most similar color temp.:		4,000 K	5,000 K	4,000 K	5,000 K
light distribution:		symmetrical	symmetrical	symmetrical	symmetrical
beam angle:		120°	120°	120°	120°
dimming / control:		Casambi	Casambi	Nedap	Nedap
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
stock item:		no	no	no	no

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:		approx. 12,000 lm	approx. 12,000 lm	approx. 12,000 lm	approx. 12,000 lm
initial system efficiency:		approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W
initial, most similar color temp.:		4,000 K	5,000 K	4,000 K	5,000 K
light distribution:		symmetrical	symmetrical	symmetrical	symmetrical
beam angle:		120°	120°	120°	120°
dimming / control:		none	keine	DALI	DALI
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
stock item:		no	yes	no	no

tempLED	80	RayProof V2 80 - 120	RayProof V2 80 - 120	RayProof V2 80 - 120	RayProof V2 80 - 120
article number:		504804C	504805C	504804N	504805N
GTIN / EAN:		4260669198517	4260669198524	4260669198616	4260669198623
initial luminous flux:		approx. 12,000 lm	approx. 12,000 lm	approx. 12,000 lm	approx. 12,000 lm
initial system efficiency:		approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W	approx. 150 lm / W
initial, most similar color temp.:		4,000 K	5,000 K	4,000 K	5,000 K
light distribution:		symmetrical	symmetrical	symmetrical	symmetrical
beam angle:		120°	120°	120°	120°
dimming / control:		Casambi	Casambi	Nedap	Nedap
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
stock item:		no	no	no	no

ACCESSORIES

EAN / GTIN

art. no.



emergency light module

with automatic detection of failure and return of supply voltage, display of functional status, battery type: LiFePO4, running time either approx. 1 hour with an output power of approx. 6 watts or approx. 3 hours with an output power of approx. 3 watts, recharging time: approx. 24 hours mounted in the luminaire ready for use

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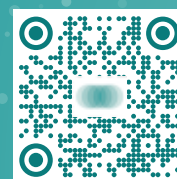
data sheets



lighting design files



installation instructions



simply download at
www.tempLED.de/downloads/