

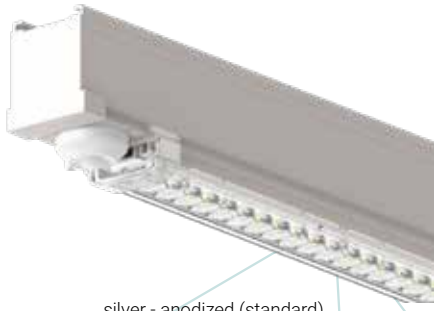


OFFICE LIGHTING SYSTEM

tempLED RayFocus

20 | 35

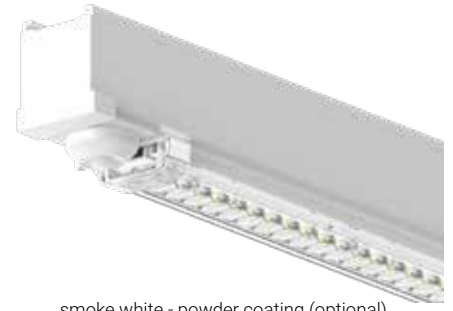
tempLED RayFocus



silver - anodized (standard)

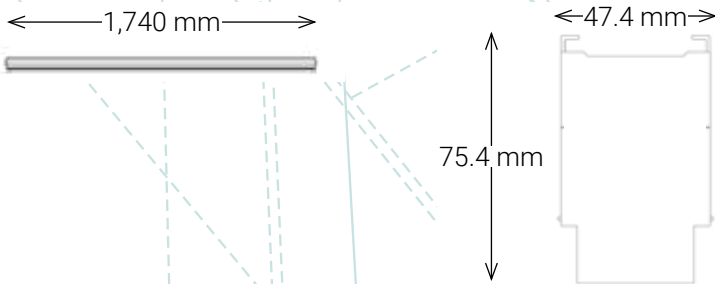


carbon black - powder coating (optional)

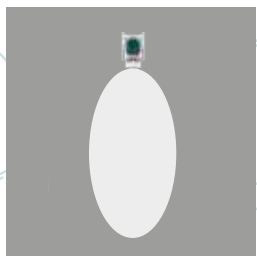


smoke white - powder coating (optional)

Dimensions tempLED RayFocus

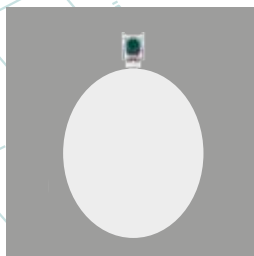


Light distribution curves tempLED RayFocus



MEDIUM

symmetric medium beam
beam angle: approx. 60 degrees

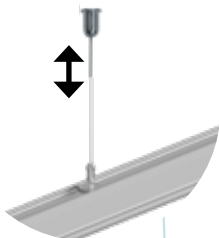


WIDE

symmetric wide beam
beam angle: approx. 90 degrees

Mounting options tempLED RayFocus

height-adjustable rope suspension
(0.10 - 2.90 m)
combined with decorative canopy



General technical data

according to IEC, identical for all types of luminaires



Lighting properties:

initial luminous flux:	up to 6,650 lumens
luminous flux tolerance:	± 10 percent
initial system efficiency:	up to 195 lumens / watt
initial, most similar color temperature:	4,000 kelvins optional: 2,700, 3,000, 5,000 or 6,500 kelvins
initial color rendering index (CRI):	Ra > 80 optional: Ra > 90
initial color consistency:	< 3 SDCM
unified glare rating (UGR):	up to < 19
available symmetric beam angles:	MEDIUM WIDE
photobiological safety:	IEC/TR 62778: 1
compact flicker degree (CFD):	on request
stroboscopic visibility measurement (SVM):	on request
short time flicker (Pst LM):	on request

Electrotechnical properties:

power supply AC:	198 to 240 volts
supply frequency:	50 / 60 hertz
power supply DC:	176 to 250 volts
system performance:	20 to 35 watts
system performance tolerance:	± 10 percent
power factor:	> 0.95
overvoltage protection:	yes
overheating protection:	yes
temperature monitoring:	yes
total harmonic distortion (THD):	< 10 percent
temperature classification (ATEX):	T6
Tc - temperature:	+75 degrees Celsius
suitable for emergency light installations:	yes, in accordance with EN 60598-2-22 and IEC 61347-2-13, Annex J through DC detection (0 Hz, pulsating DC), can be switched on/off, on request: dimming to 15 percent of the nominal power in DC mode

Energy characteristics:

Valid for all tempLED RayFocus with up to 192 lumens per watt:	This product contains a light source of energy efficiency class B.
Valid for all tempLED RayFocus from 193 lumens per watt:	This product contains a light source of energy efficiency class A.

Mounting options:

mounting options:	height-adjustable pendant mounting with rope suspension (0.10 to 2.90 m)
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Control and safety properties:

dimming:	LEDelligence or TouchDim
minimum dimming level:	10 percent
constant lumen output (CLO):	optional
emergency light module:	optional ¹
motion control:	LEDelligence PIR motion detector ²
human centric lighting:	on request

Housing properties:

ambient temperatures:	-30 to +50 degrees Celsius
ingress protection (depending on configuration):	IP 40
impact resistance level:	IK08
electrical protection class:	I
limited surface temperatur (D):	yes
housing and heat sink material(s):	extruded aluminium profile
material of optical system:	impact- and UV-resistant PMMA
luminaire housing color:	silver optional: carbon black or smoke white
surface finish:	silver: anodized carbon black and smoke white: powder coating
supply cable type:	3X0,75
supply cable length:	200 centimeters
number of poles:	3 grid

Additional information:

certificates:	ENEC in preparation
conformities:	CE RoHS
lifespan (L70B10C1):	approx. 100,000 hours
lifespan (L90B10C1):	approx. 50,000 hours
guarantee:	5 years ³
spare part guarantee:	10 years
delievery includes:	prefabricated luminaire

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:

weight per luminaire:	2,600 g
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tempLED 20



	RayFocus 20 - MEDIUM	RayFocus 20 - WIDE
article number:	665200	665201
GTIN / EAN:	4262493352356	4262493352363
initial luminous flux:	3,800 lm	3,900 lm
initial system efficiency:	190 lm/W	195 lm/W
initial, most similar color temperature:	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical
beam angle:	MEDIUM	WIDE
dimming / control:	LEDelligence	LEDelligence
system performance:	20 W	20 W
power consumption:	0.09 A	0.09 A
maximum inrush current:	21 A	21 A
dimensions (L x W x H):	1,740 x 47.4 x 75.4 mm	1,740 x 47.4 x 75.4 mm

tempLED 35



	RayFocus 35 - MEDIUM	RayFocus 35 - WIDE
article number:	665202	665203
GTIN / EAN:	4262493352370	4262493352387
initial luminous flux:	6,650 lm	6,650 lm
initial system efficiency:	190 lm/W	190 lm/W
initial, most similar color temperature:	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical
beam angle:	MEDIUM	WIDE
dimming / control:	LEDelligence	LEDelligence
system performance:	35 W	35 W
power consumption:	0.16 A	0.16 A
maximum inrush current:	21 A	21 A
dimensions (L x W x H):	1,740 x 47.4 x 75.4 mm	1,740 x 47.4 x 75.4 mm




tempLED 20

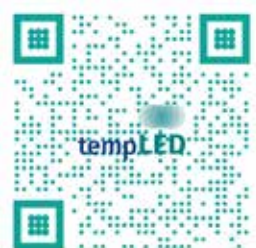


	RayFocus 20 - MEDIUM	RayFocus 20 - WIDE
article number:	665204	665205
GTIN / EAN:	4262493352394	4262493352424
initial luminous flux:	3,800 lm	3,900 lm
initial system efficiency:	190 lm/W	195 lm/W
initial, most similar color temperature:	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical
beam angle:	MEDIUM	WIDE
dimming / control:	TouchDim	TouchDIM
system performance:	20 W	20 W
power consumption:	0.09 A	0.09 A
maximum inrush current:	21 A	21 A
dimensions (L x W x H):	1,740 x 47.4 x 75.4 mm	1,740 x 47.4 x 75.4 mm



	RayFocus 35 - MEDIUM	RayFocus 35 - WIDE
article number:	665206	665207
GTIN / EAN:	4262493352431	4262493352448
initial luminous flux:	6,650 lm	6,650 lm
initial system efficiency:	190 lm/W	190 lm/W
initial, most similar color temperature:	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical
beam angle:	MEDIUM	WIDE
dimming / control:	TouchDim	TouchDim
system performance:	35 W	35 W
power consumption:	0.16 A	0.16 A
maximum inrush current:	21 A	21 A
dimensions (L x W x H):	1,740 x 47.4 x 75.4 mm	1,740 x 47.4 x 75.4 mm

tempLED	Accessory catalogue RayFocus	art.-no.	GTIN / EAN
 	LEDelligence emergency light module with automatic detection of failure and return of supply voltage, operational status display, battery type: LiFePO4, runtime: approx. 3 hours at an output power of approx. 3.5 watts, recharge time: approx. 24 hours, data exchange and control (e.g. status messages and test function) possible via LEDelligence, only suitable for use at ambient temperatures of +5 to +50 degrees Celsius, pre-installed in a luminaire Important note: no data exchange or control via an external DALI network is possible.	665250	4262493352400
	emergency light module with automatic detection of failure and return of supply voltage, operational status display, battery type: LiFePO4, runtime: approx. 3 hours at an output power of approx. 3.5 watts, recharge time: approx. 24 hours, only suitable for use at ambient temperatures of +5 to +50 degrees Celsius, pre-installed in a luminaire	665251	4262493352417



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?