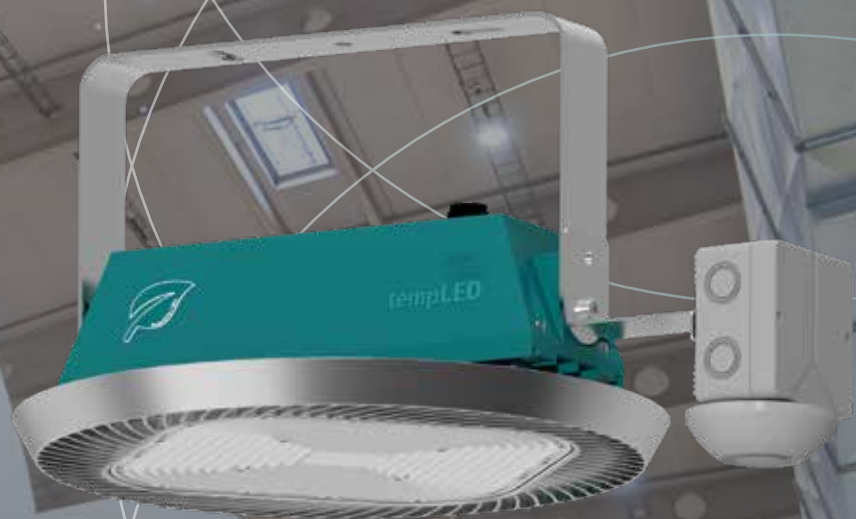


www.tempLED.de



tempLED



INTELLIGENT HALL LIGHT
RayBeam Pro ti
100 | 145 | 200 | 240 | 300

Our customer
NorskeSkog

HALL LIGHTS



tempLED

initial system efficiency
up to 170 lm / w



energy-efficient constant current
power supply with integrated
DALI-2 dimming and optional
constant lumen output (CLO)



modular overall structure
with exchangeable and repla-
ceable main components



solid luminaire housing
with durable powder coating



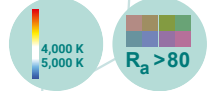
pressure compensation mem-
brane to prevent condensation



powerful, dust-permeable
heat sink made of
die-cast aluminum



durable and bright
LED light field



integrated sensor system:



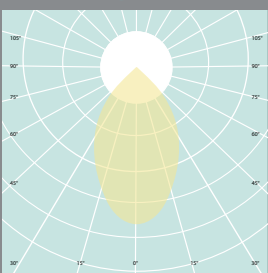
optional safety system:



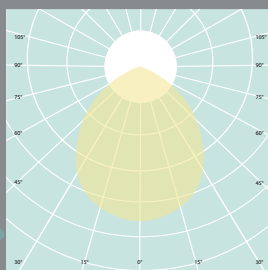
impact and UV-resistant high-performance optical system
in linear technology for stray light reduction
with two practical beam angles



Light distribution curves RayBeam Pro ti 100 | 145 | 200 | 240 | 300

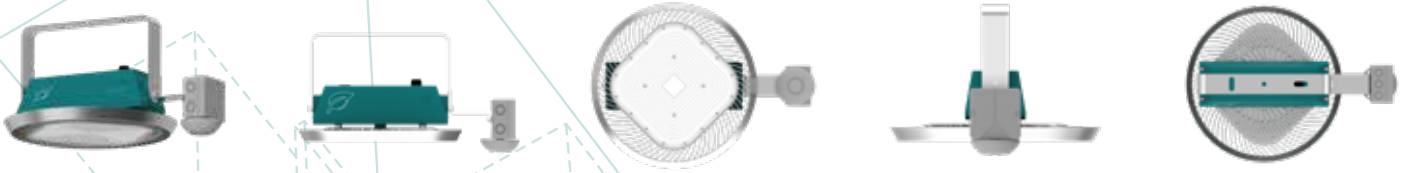


60 degrees symmetrical
in linear technology

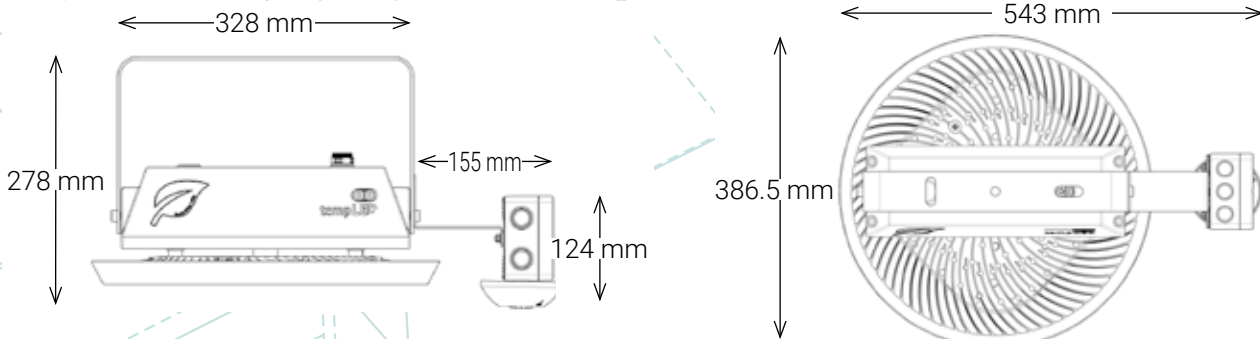


90 degrees symmetrical
in linear technology

RayBeam Pro ti
100 | 145 | 200 | 240 | 300



Dimensions RayBeam Pro ti
100 | 145 | 200 | 240 | 300



Mounting options RayBeam Pro ti
100 | 145 | 200 | 240 | 300

bracket mounting



General technical data

according to IEC, identical for all types of luminaires



Lighting properties:

initial luminous flux:	17,000 to 51,000 lumens
luminous flux tolerance:	± 10 percent
initial system efficiency:	up to 170 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:	60 90 degrees
photobiological safety:	IEC/TR 62778: 1
compact flicker degree (CFD):	1 percent
stray light reduction:	yes, with linear technology

Electrotechnical properties:

power supply AC:	220 to 240 volts
supply frequency:	50 / 60 hertz
system performance:	100 to 300 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):	T5
Tc - temperature:	+90 degrees Celsius

Energy characteristics:

Valid for all tempLED RayBeam Pro:	This product contains a light source of energy efficiency class B.
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Mounting options:

standard mounting options:	ceiling bracket
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¹ additional color temperatures on request.

Control and safety properties:

dimming and motion detection:	via integrated ENLIGHTED sensor system
emergency light module:	optional ¹
daylight control system:	via integrated ENLIGHTED sensor system

Housing properties:

ambient temperature:	0 to +50 degrees Celsius
ingress protection:	IP 65
impact resistance level:	IK08
electrical protection class:	I
limited surface temperatur (D):	yes
pressure compensation membrane:	yes
housing and heat sink material(s):	die-cast aluminum
material(s) and finish of the standard ceiling bracket:	stainless steel, powder-coated in white aluminium according to RAL 9006 ²
material of optical system:	impact- and UV-resistant polycarbonate
luminaire housing color:	white aluminium according to RAL 9006 ²
power supply housing color:	water blue according to RAL 5021 ²
surface finish:	powder coating ²
supply cable type:	H05RN-F 3G1
supply cable length:	200 centimeters
supply cable inlet:	plug connector
supply cable connection type:	open cable end
number of poles:	3 grid

Additional information:

certificates:	ENEC
conformities:	CE and RoHS
lifespan (L70B10C1):	approx. 100,000 hours
lifespan (L90B10C1):	approx. 50,000 hours
guarantee:	5 years ³
spare part guarantee:	10 years
delievery includes:	luminaire, sensor system and ceiling bracket

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

² optional luminaire housing colors and finishes: Paintings according to RAL colour chart, powder coatings according to RAL colour chart or synthetic resin coating.

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

Logistic information:

luminaire:	RayBeam Pro 100 145 200 ti	RayBeam Pro 240 300 ti
number of luminaires per package:	1	1
number of luminaires per pallet:	32	32
net weight of the luminaire:	5,600 g	6,700 g
gross weight per package:	7,600 g	8,700 g
package dimensions L x W x H:	435 x 435 x 205 mm	435 x 435 x 205 mm

tempLED 100



RayBeam Pro 100 - 90 ti



RayBeam Pro 100 - 90 ti

article number:	777022	777023
GTIN / EAN:	4260745238571	4260745238588
initial luminous flux:	17,000 lm	17,000 lm
initial system efficiency:	170 lm/w	170 lm/w
initial, most similar color temperature:	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical
beam angle:	90 degrees	90 degrees
dimming / control:	ENLIGHTED	ENLIGHTED
system performance:	100 W	100 W
power consumption:	0.44 A	0.44 A
maximum inrush current:	180 A	180 A
dimensions (L x W x H):	543 x 386.5 x 278 mm	543 x 386.5 x 278 mm

tempLED 145



RayBeam Pro 145 - 90 ti



RayBeam Pro 145 - 90 ti

article number:	777024	77025
GTIN / EAN:	4260745238595	4260745238601
initial luminous flux:	24,650 lm	24,650 lm
initial system efficiency:	170 lm/w	170 lm/w
initial, most similar color temperature:	4,000 K	5,000 K
light distribution:	symmetrical	symmetrical
beam angle:	90 degrees	90 degrees
dimming / control:	ENLIGHTED	ENLIGHTED
system performance:	145 W	145 W
power consumption:	0.63 A	0.63 A
maximum inrush current:	125 A	125 A
dimensions (L x W x H):	543 x 386.5 x 278 mm	543 x 386.5 x 278 mm

tempLED 200



RayBeam Pro 200 - 60 ti



RayBeam Pro 200 - 90 ti

article number:	777026	777028
GTIN / EAN:	4260745238618	4260745238632
initial luminous flux:	34,000 lm	34,000 lm
initial system efficiency:	170 lm/w	170 lm/w
initial, most similar color temperature:	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees
dimming / control:	ENLIGHTED	ENLIGHTED
system performance:	200 W	200 W
power consumption:	0.87 A	0.87 A
maximum inrush current:	110 A	110 A
dimensions (L x W x H):	543 x 386.5 x 278 mm	543 x 386.5 x 278 mm

tempLED 200

STOCK
ITEM

RayBeam Pro 200 - 60 ti

STOCK
ITEM

RayBeam Pro 200 - 90 ti

article number:	777027	777029
GTIN / EAN:	4260745238625	4260745238649
initial luminous flux:	34,000 lm	34,000 lm
initial system efficiency:	170 lm/w	170 lm/w
initial, most similar color temperature:	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees
dimming / control:	ENLIGHTED	ENLIGHTED
system performance:	200 W	200 W
power consumption:	0.87 A	0.87 A
maximum inrush current:	110 A	110 A
dimensions (L x W x H):	543 x 386.5 x 278 mm	543 x 386.5 x 278 mm

tempLED 240

STOCK
ITEM

RayBeam Pro 240 - 60 ti

STOCK
ITEM

RayBeam Pro 240 - 90 ti

article number:	777030	777032
GTIN / EAN:	4260745238656	4260745238670
initial luminous flux:	40,800 lm	40,800 lm
initial system efficiency:	170 lm/w	170 lm/w
initial, most similar color temperature:	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees
dimming / control:	ENLIGHTED	ENLIGHTED
system performance:	240 W	240 W
power consumption:	1.04 A	1.04 A
maximum inrush current:	58 A	58 A
dimensions (L x W x H):	543 x 386.5 x 278 mm	543 x 386.5 x 278 mm

tempLED 240

STOCK
ITEM

RayBeam Pro 240 - 60 ti

STOCK
ITEM

RayBeam Pro 240 - 90 ti

article number:	777031	777033
GTIN / EAN:	4260745238663	4260745238687
initial luminous flux:	40,800 lm	40,800 lm
initial system efficiency:	170 lm/w	170 lm/w
initial, most similar color temperature:	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees
dimming / control:	ENLIGHTED	ENLIGHTED
system performance:	240 W	240 W
power consumption:	1.04 A	1.04 A
maximum inrush current:	58 A	58 A
dimensions (L x W x H):	543 x 386.5 x 278 mm	543 x 386.5 x 278 mm

tempLED 300

STOCK
ITEM

	RayBeam Pro 300 - 60 ti	RayBeam Pro 300 - 90 ti
article number:	777034	777036
GTIN / EAN:	4260745238694	4260745238717
initial luminous flux:	51,000 lm	51,000 lm
initial system efficiency:	170 lm/w	170 lm/w
initial, most similar color temperature:	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees
dimming / control:	ENLIGHTED	ENLIGHTED
system performance:	300 W	300 W
power consumption:	1.30 A	1.30 A
maximum inrush current:	12.4 A	12.4 A
dimensions (L x W x H):	543 x 386.5 x 278 mm	543 x 386.5 x 278 mm

STOCK
ITEM

tempLED 300

STOCK
ITEM

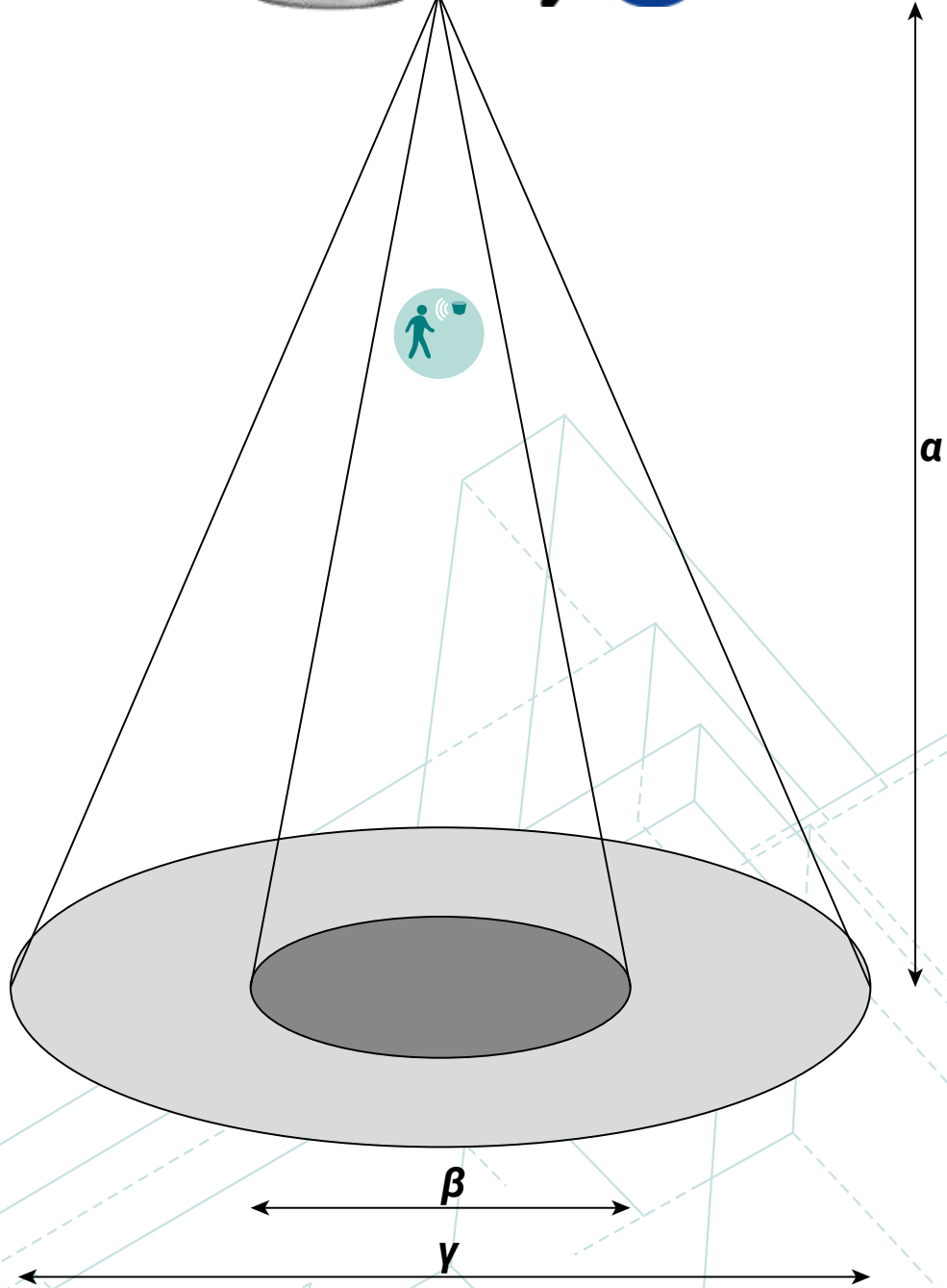
	RayBeam Pro 300 - 60 ti	RayBeam Pro 300 - 90 ti
article number:	777035	777037
GTIN / EAN:	4260745238700	4260745238724
initial luminous flux:	51,000 lm	51,000 lm
initial system efficiency:	170 lm/w	170 lm/w
initial, most similar color temperature:	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees
dimming / control:	ENLIGHTED	ENLIGHTED
system performance:	300 W	300 W
power consumption:	1.30 A	1.30 A
maximum inrush current:	12.4 A	12.4 A
dimensions (L x W x H):	543 x 386.5 x 278 mm	543 x 386.5 x 278 mm

STOCK
ITEM






The sensor system

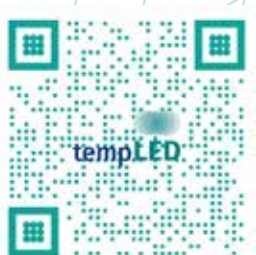


Bluetooth 4.0 - wireless network for data exchange between sensor and gateway with 128-bit AES encryption and a maximum range of 46 meters in free field.



α	β	γ
mounting height	detection range of small movement patterns	detection range of large movement patterns
3.50 meters	2.50 x 2.50 meters	6.00 x 6.00 meters
12.00 meters	6.00 x 6.00 meters	14.00 x 14.00 meters

tempLED	Accessory catalogue RayBeam Pro ti	art.-no.	GTIN / EAN
	safety plug 3-pin safety plug with ingress protection IP 44, installed on the supply cable of the luminaire	945400	4260491842251
	supply cable extension ready-to-use 3-pin supply cable extension up to 10 meters	333903	4260491843760
	Wieland connector RST 20i5 5-pin socket part; color coding: turquoise blue, 250 V, 20 A, with protective conductor, for cable diameter 6 - 10 mm	945430	4260491842329
	Wieland connector RST 20i5 5-pin connector part; color coding: turquoise blue, 250 V, 20 A, with protective conductor, installed on the supply cable of the luminaire	945431	4260491842336
	emergency light module 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 on the luminaire ready for use	311900	4260745237277



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?