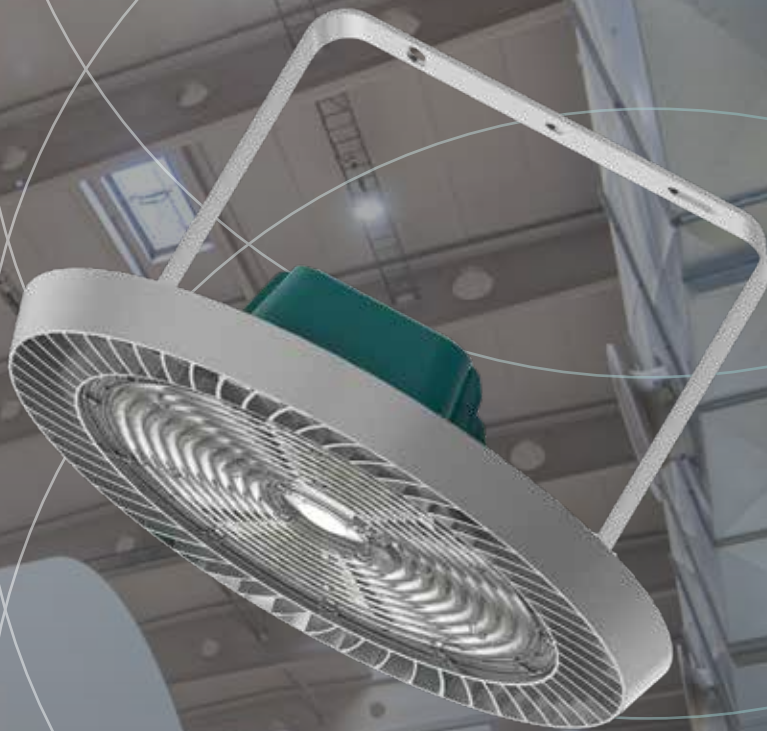


www.tempLED.de



tempLED



HALL LIGHTS

tempLED RayBeam Lite V2

100 | 150 | 200 | 300

Our customer
NorskeSkog

HALL LIGHTS



tempLED

initial system efficiency up to 180 lm / w



optional safety systems



energy-efficient constant current power supply with optional constant lumen output (CLO)



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



multifunction socket for optional control technology



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

modular overall structure with exchangeable and replaceable main components



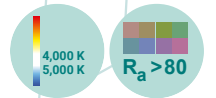
pressure compensation membrane to prevent condensation



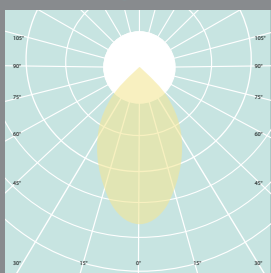
solid luminaire housing with durable powder coating



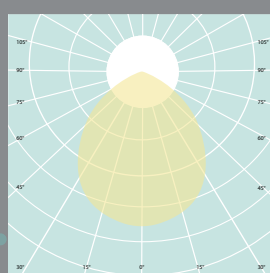
durable and bright LED light field



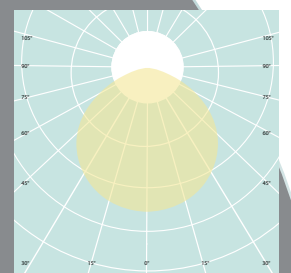
Light distribution curves tempLED RayBeam Lite V2 100 | 150 | 200 | 300



60 degrees symmetrical in linear technology



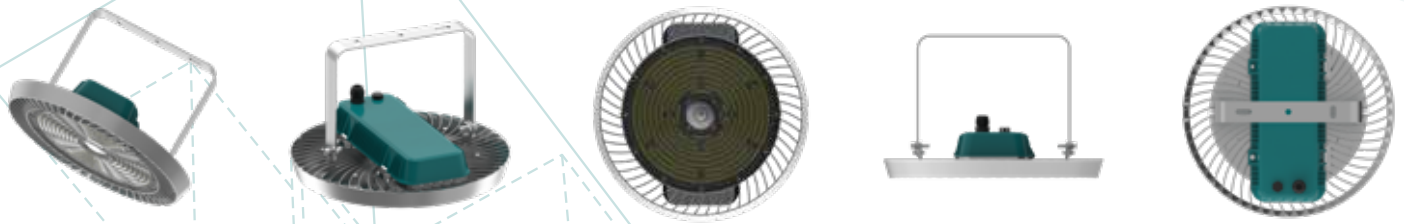
90 degrees symmetrical in linear technology



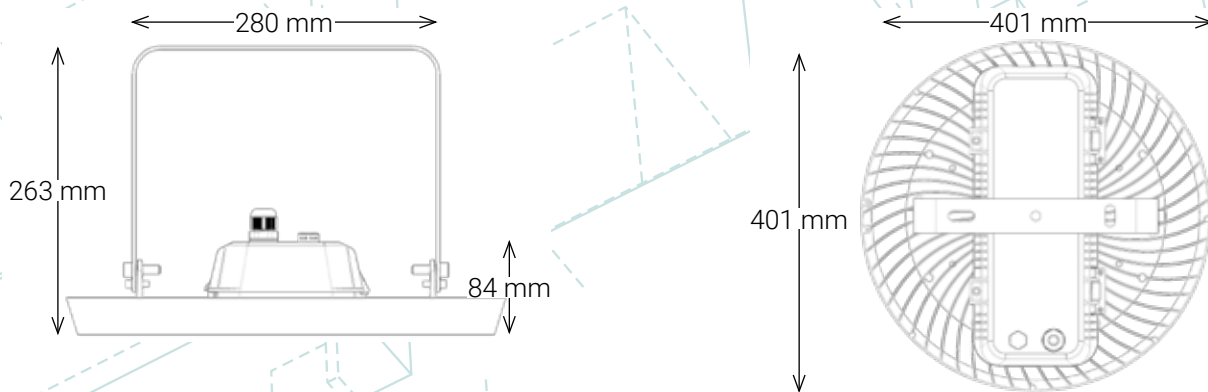
120 degrees symmetrical



tempLED RayBeam Lite V2 100 | 150 | 200 | 300



Dimensions tempLED RayBeam Lite V2 100 | 150 | 200 | 300

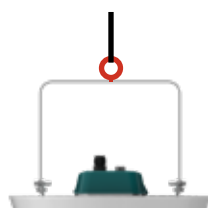


Mounting options tempLED RayBeam Lite V2 100 | 150 | 200 | 300

bracket mounting¹



pendant mounting²



double mounting³



¹ Adjustment range for surface mounting with standard mounting bracket: 0 to +90 degrees.

² Suitable mounting material available as accessory (932212).

³ Suitable mounting material available as accessory (312927).

General technical data

according to IEC, identical for all types of luminaires



Lighting properties:

initial luminous flux:	18,000 to 54,000 lumens
luminous flux tolerance:	± 10 percent
initial system efficiency:	up to 180 lumens per 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 90 120 degrees
photobiological safety:	IEC/TR 62778: 1
stray light reduction:	yes, with linear technology (at beam angle 60 and 90 degrees)
compact flicker degree (CFD):	1 percent
stroboscopic visibility measurement (SVM):	< 0,03
short time flicker (Pst LM):	< 0,02

Electrotechnical properties:

power supply AC:	100 to 240 volts
supply frequency:	50 / 60 hertz
power supply DC:	145 to 250 volts
system performance:	100 to 300 watts
system performance tolerance:	± 10 percent
power factor:	> 0.90
overvoltage protection:	yes
overheating protection:	yes
temperature monitoring:	yes
total harmonic distortion (THD):	< 10 percent
temperature classification (ATEX):	T5
Tc - temperature:	+ 90 degrees Celsius
multifunction socket:	yes, on the bottom of the luminaire

Energy characteristics:

Valid for all tempLED RayBeam Lite V2:	This product contains a light source of energy efficiency class B.
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Mounting options:

standard mounting options:	mounting bracket with adjustment range 0 to +90 degrees
optional mounting options:	pendant suspension via mounting eye 932212, double mounting via double holder 312927, crane mounting via crane mounting kit 932810

¹ additional color temperatures on request.

Control and safety properties:

constant lumen output (CLO):	optional
emergency light module:	optional ¹
presence control:	optional ²

Housing properties:

ambient temperature:	-40 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:	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:	50 centimeters
supply cable inlet:	cable gland
supply cable connection type:	open cable end
number of poles:	3 grid

Additional information:

certificates:	ENEC in preparation
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 and mounting bracket

¹ can only be used at ambient temperatures from +5 to +50 degrees Celsius. ² can only be used at ambient temperatures from -20 to +50 degrees Celsius.

³ optional luminaire housing colors and finishes: Paintings according to RAL colour chart, powder coatings according to RAL colour chart or synthetic resin coating.

⁴ according to the warranty conditions of tempLED GmbH, excluding accessories.

Logistic information:

luminaire:	RayBeam Lite V2 100 150 200 300
number of luminaires per package:	1
number of luminaires per pallet:	56
net weight of the luminaire:	4,350 g
gross weight per package:	6,050 g
package dimensions L x W x H:	475 x 475 x 200 mm

tempLED 100

	RayBeam Lite V2 100 - 60	RayBeam Lite V2 100 - 90	RayBeam Lite V2 100 - 120
article number:	312064	312094	312024
GTIN / EAN:	4262493350345	4262493350369	4262493350321
initial luminous flux:	18,000 lm	18,000 lm	18,000 lm
initial system efficiency:	180 lm/W	180 lm/W	180 lm/W
initial, most similar color temperature:	4,000 K	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees	120 degrees
dimming / control:	multifunction socket	multifunction socket	multifunction socket
system performance:	100 W	100 W	100 W
power consumption:	0.45 A	0.45 A	0.45 A
maximum inrush current:	80 A	80 A	80 A
dimensions (Ø x H):	401 x 263 mm	401 x 263 mm	401 x 263 mm

STOCK
ITEM

tempLED 100

	RayBeam Lite V2 100 - 60	RayBeam Lite V2 100 - 90	RayBeam Lite V2 100 - 120
article number:	312065	312095	312025
GTIN / EAN:	4262493350352	4262493350376	4262493350338
initial luminous flux:	18,000 lm	18,000 lm	18,000 lm
initial system efficiency:	180 lm/W	180 lm/W	180 lm/W
initial, most similar color temperature:	5,000 K	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees	120 degrees
dimming / control:	multifunction socket	multifunction socket	multifunction socket
system performance:	100 W	100 W	100 W
power consumption:	0.45 A	0.45 A	0.45 A
maximum inrush current:	80 A	80 A	80 A
dimensions (Ø x H):	401 x 263 mm	401 x 263 mm	401 x 263 mm

STOCK
ITEM

tempLED 150

	RayBeam Lite V2 150 - 60	RayBeam Lite V2 150 - 90	RayBeam Lite V2 150 - 120
article number:	312164	312194	312124
GTIN / EAN:	4262493350406	4262493350420	4262493350383
initial luminous flux:	27,000 lm	27,000 lm	27,000 lm
initial system efficiency:	180 lm/W	180 lm/W	180 lm/W
initial, most similar color temperature:	4,000 K	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees	120 degrees
dimming / control:	multifunction socket	multifunction socket	multifunction socket
system performance:	150 W	150 W	150 W
power consumption:	0.68 A	0.68 A	0.68 A
maximum inrush current:	90 A	90 A	90 A
dimensions (Ø x H):	401 x 263 mm	401 x 263 mm	401 x 263 mm

STOCK
ITEM

tempLED 150

	RayBeam Lite V2 150 - 60	RayBeam Lite V2 150 - 90	RayBeam Lite V2 150 - 120
article number:	312165	312195	312125
GTIN / EAN:	4262493350413	4262493350437	4262493350390
initial luminous flux:	27,000 lm	27,000 lm	27,000 lm
initial system efficiency:	180 lm/W	180 lm/W	180 lm/W
initial, most similar color temperature:	5,000 K	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees	120 degrees
dimming / control:	multifunction socket	multifunction socket	multifunction socket
system performance:	150 W	150 W	150 W
power consumption:	0.68 A	0.68 A	0.68 A
maximum inrush current:	90 A	90 A	90 A
dimensions (Ø x H):	401 x 263 mm	401 x 263 mm	401 x 263 mm

STOCK
ITEM

tempLED 200

	RayBeam Lite V2 200 - 60	RayBeam Lite V2 200 - 90	RayBeam Lite V2 200 - 120
article number:	312264	312294	312224
GTIN / EAN:	4262493350468	4262493350482	4262493350444
initial luminous flux:	36,000 lm	36,000 lm	36,000 lm
initial system efficiency:	180 lm/W	180 lm/W	180 lm/W
initial, most similar color temperature:	4,000 K	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees	120 degrees
dimming / control:	multifunction socket	multifunction socket	multifunction socket
system performance:	200 W	200 W	200 W
power consumption:	0.91 A	0.91 A	0.91 A
maximum inrush current:	80 A	80 A	80 A
dimensions (Ø x H):	401 x 263 mm	401 x 263 mm	401 x 263 mm

STOCK
ITEMSTOCK
ITEM

tempLED 200

	RayBeam Lite V2 200 - 60	RayBeam Lite V2 200 - 90	RayBeam Lite V2 200 - 120
article number:	312265	312295	312225
GTIN / EAN:	4262493350475	4262493350499	4262493350451
initial luminous flux:	36,000 lm	36,000 lm	36,000 lm
initial system efficiency:	180 lm/W	180 lm/W	180 lm/W
initial, most similar color temperature:	5,000 K	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees	120 degrees
dimming / control:	multifunction socket	multifunction socket	multifunction socket
system performance:	200 W	200 W	200 W
power consumption:	0.91 A	0.91 A	0.91 A
maximum inrush current:	80 A	80 A	80 A
dimensions (Ø x H):	401 x 263 mm	401 x 263 mm	401 x 263 mm

STOCK
ITEMSTOCK
ITEM

tempLED 300



RayBeam Lite V2 300 - 60



RayBeam Lite V2 300 - 90

RayBeam Lite V2 300 - 120

article number:	312464	312494	312424
GTIN / EAN:	4262493350529	4262493350543	4262493350505
initial luminous flux:	54,000 lm	54,000 lm	54,000 lm
initial system efficiency:	180 lm/W	180 lm/W	180 lm/W
initial, most similar color temperature:	4,000 K	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees	120 degrees
dimming / control:	multifunction socket	multifunction socket	multifunction socket
system performance:	300 W	300 W	300 W
power consumption:	1.36 A	1.36 A	1.36 A
maximum inrush current:	100 A	100 A	100 A
dimensions (Ø x H):	401 x 263 mm	401 x 263 mm	401 x 263 mm

tempLED 300



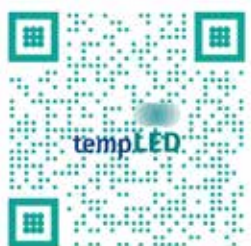
RayBeam Lite V2 300 - 60



RayBeam Lite V2 300 - 90

RayBeam Lite V2 300 - 120

article number:	312465	312495	312425
GTIN / EAN:	4262493350536	4262493350550	4262493350512
initial luminous flux:	54,000 lm	54,000 lm	54,000 lm
initial system efficiency:	180 lm/W	180 lm/W	180 lm/W
initial, most similar color temperature:	5,000 K	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees	120 degrees
dimming / control:	multifunction socket	multifunction socket	multifunction socket
system performance:	300 W	300 W	300 W
power consumption:	1.36 A	1.36 A	1.36 A
maximum inrush current:	100 A	100 A	100 A
dimensions (Ø x H):	401 x 263 mm	401 x 263 mm	401 x 263 mm



Direct link to the tempLED
download portal



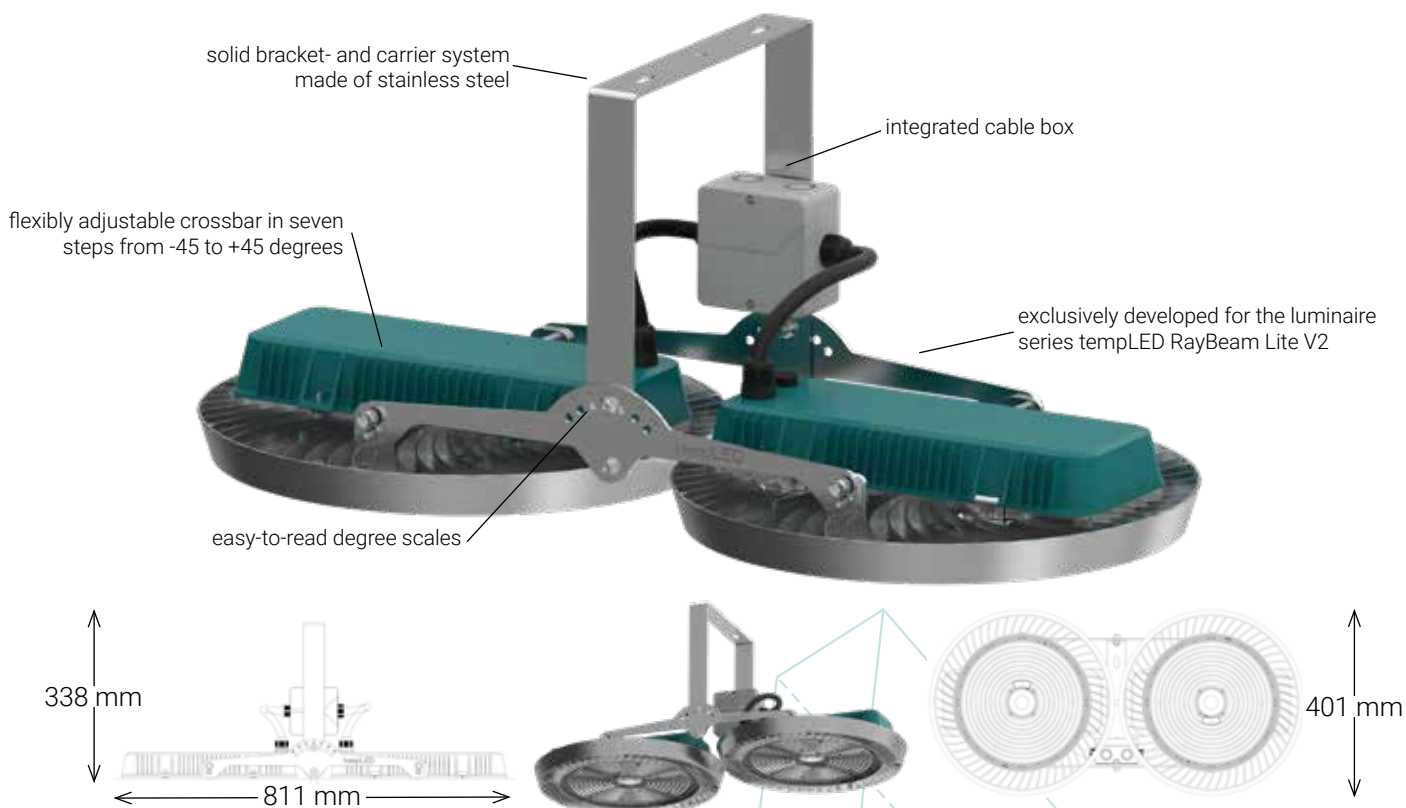
LED is sustainable.
LED is the future.




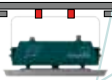



tempLED luminaires fulfil a recycling rate of > 90%.
That is our product promise to you.

When will you start?

Double holder system tempLED RayBeam Lite V2 fixed version

With our double holder system developed exclusively for this luminaire series you can bring twice the light output to one mounting point quickly, easily and cost-effectively.



tempLED	Accessory catalogue RayBeam Lite V2	art.-no.	GTIN / EAN
	HF presence detector for the multifunctional socket of the tempLED RayBeam Lite V2 sensor frequency: 5.80 GHz \pm 75 MHz, transmission power: < 1 mW, maximum mounting height: 15 meters, maximum detection area: 14 x 14 meters (at 15 meter mounting height), light sensor for activating the HF presence detector, orientation light function, ingress protection: IP 65, ambient temperature: -20 to +50 degrees Celsius, programmable with IR remote control 312901	312900	4262493351403
	remote control for the HF presence detector 312900 of the tempLED RayBeam Lite V2 infrared technology, for control and programming, maximum range: 15 metres, power supply via 2x AAA (Mignon) batteries (not included)	312901	4262493351410
	double holder system, fixed mounting bracket specially adapted to the luminaire series with a scale for fixed installation of two luminaires on one mounting point, adjustment range double bracket: -45 to +45 degrees in seven steps, single luminaire not adjustable, material: stainless steel, finish: natural, incl. cable box	312927	4262493351601
	crane mounting kit with two attachment points with rubber buffer shock-absorbing installation device for luminaire mounting on vibration-loaded crane systems, size: M10, material: stainless steel, finish: natural, delivery includes fall protection	932810	4260491842114
	mounting eyelet for pendant mounting mounting eyelet M10 for screw attachment to ceiling bracket, inner \varnothing : 25 mm, outer \varnothing : 45 mm, material eyelet and nut: steel, finish: galvanised, material washer: stainless steel, finish: natural	932212	4260745233460
	supply cable extension ready-to-use 3-pin supply cable extension up to 10 meters	333903	4260491843760
	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	312902	4262493351380