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tempLED

HALL LIGHT

tempLED RayBeam Lite

100 | 145 | 200 | 240 | 300

Our customer
Voestalpine

HALL LIGHTS 

tempLED

initial system efficiency up to 170 lm / w



energy-efficient constant current power supply



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



optional control and safety systems:



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



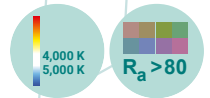
solid luminaire housing with durable powder coating



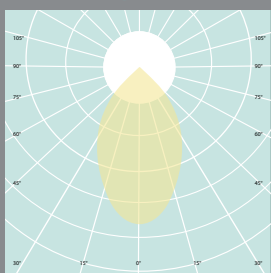
pressure compensation membrane to prevent condensation



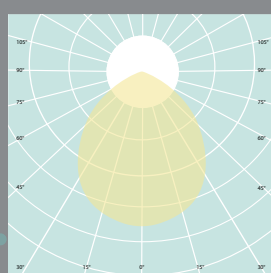
durable and bright LED light field



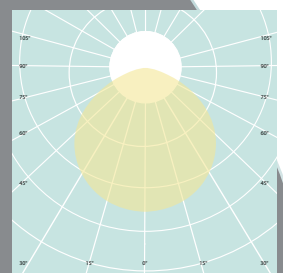
Light distribution curves tempLED RayBeam Lite 100 | 145 | 200 | 240 | 300



60 degrees symmetrical in linear technology



90 degrees symmetrical in linear technology



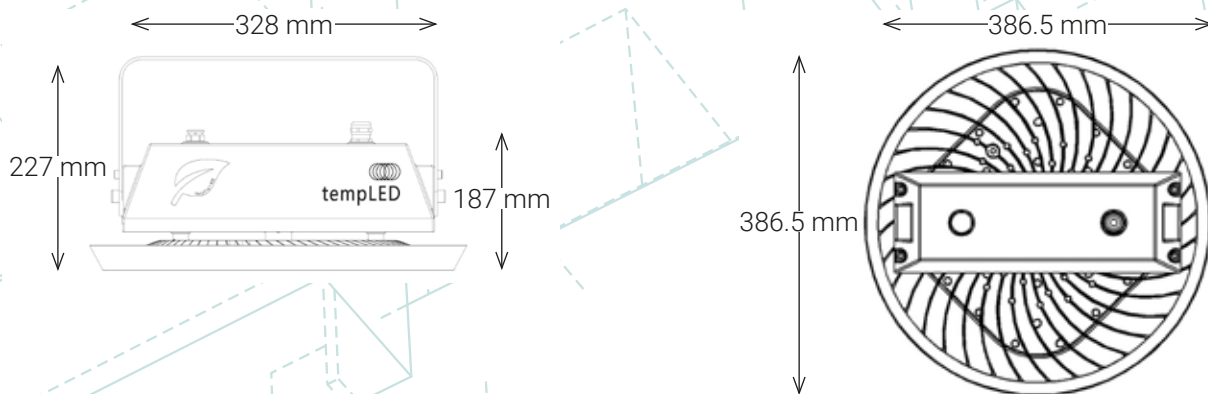
120 degrees symmetrical



tempLED RayBeam Lite
100 | 145 | 200 | 240 | 300



Dimensions tempLED RayBeam Lite
100 | 145 | 200 | 240 | 300

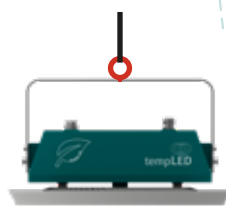


Mounting options tempLED RayBeam Lite
100 | 145 | 200 | 240 | 300

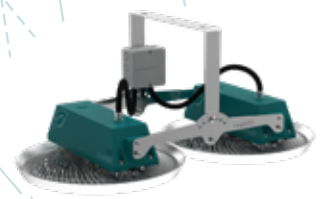
bracket mounting^{1,2}



pendant mounting³



double mounting⁴



¹ Adjustment range for surface mounting with standard ceiling bracket: -45 to +45 degrees.
² Adjustment range for surface mounting with optional wall bracket (932211): 0 to 90 degrees.
³ Suitable mounting material available as accessory (932212).
⁴ Suitable mounting material available as accessory (933230).

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 90 120 degrees
photobiological safety:	IEC/TR 62778: 1
compact flicker degree (CFD):	1 percent
stray light reduction:	yes, with linear technology (at beam angle 60 and 90 degrees)

Electrotechnical properties:

power supply AC:	90 to 240 volts
supply frequency:	50 / 60 hertz
power supply DC:	140 to 250 volts
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 Lite:	This product contains a light source of energy efficiency class B.
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Mounting options:

standard mounting options:	ceiling bracket with adjustment range -45 to +45 degrees
optional mounting options:	wall bracket with adjustment range 0 to 90 degrees pendant suspension via mounting eye on ceiling bracket double holder system, fixed

¹ additional color temperatures on request.

Control and safety properties:

emergency light module:	optional ¹
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Housing properties:

ambient temperature:	-40 to +50 degrees Celsius
ingress protection:	IP 65
impact resistance level:	IK08
electrical protection class:	I
limited surface temperature (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:	40 centimeters
supply cable inlet:	cable gland
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
delivery includes:	luminaire 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.

Logistic information:

luminaire:	RayBeam Lite 100 145 200	RayBeam Lite 240 300
number of luminaires per package:	1	1
number of luminaires per pallet:	32	32
net weight of the luminaire:	5,100 g	6,200 g
gross weight per package:	7,100 g	8,200 g
package dimensions L x W x H:	435 x 435 x 235 mm	435 x 435 x 235 mm

tempLED 100

	RayBeam Lite 100 - 60	RayBeam Lite 100 - 90	RayBeam Lite 100 - 120
article number:	310164	310194	310124
GTIN / EAN:	4260745231893	4260745231909	4260745231916
initial luminous flux:	17,000 lm	17,000 lm	17,000 lm
initial system efficiency:	170 lm/w	170 lm/w	170 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:	none	none	none
system performance:	100 W	100 W	100 W
power consumption:	0.44 A	0.44 A	0.44 A
maximum inrush current:	150 A	150 A	150 A
dimensions (Ø x H):	386.5 x 227 mm	386.5 x 227 mm	386.5 x 227 mm

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tempLED 100

	RayBeam Lite 100 - 60	RayBeam Lite 100 - 90	RayBeam Lite 100 - 120
article number:	310165	310195	310125
GTIN / EAN:	4260745232043	4260745232050	4260745232067
initial luminous flux:	17,000 lm	17,000 lm	17,000 lm
initial system efficiency:	170 lm/w	170 lm/w	170 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:	none	none	none
system performance:	100 W	100 W	100 W
power consumption:	0.44 A	0.44 A	0.44 A
maximum inrush current:	150 A	150 A	150 A
dimensions (Ø x H):	386.5 x 227 mm	386.5 x 227 mm	386.5 x 227 mm

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tempLED 145

	RayBeam Lite 145 - 60	RayBeam Lite 145 - 90	RayBeam Lite 145 - 120
article number:	310264	310294	310224
GTIN / EAN:	4260745231923	4260745231930	4260745231947
initial luminous flux:	24,650 lm	24,650 lm	24,650 lm
initial system efficiency:	170 lm/w	170 lm/w	170 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:	none	none	none
system performance:	145 W	145 W	145 W
power consumption:	0.63 A	0.63 A	0.63 A
maximum inrush current:	110 A	110 A	110 A
dimensions (Ø x H):	386.5 x 227 mm	386.5 x 227 mm	386.5 x 227 mm

STOCK
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tempLED **145**

	RayBeam Lite 145 - 60	RayBeam Lite 145 - 90	RayBeam Lite 145 - 120
article number:	310265	310295	310225
GTIN / EAN:	4260745232074	4260745232081	4260745232098
initial luminous flux:	24,650 lm	24,650 lm	24,650 lm
initial system efficiency:	170 lm/w	170 lm/w	170 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:	none	none	none
system performance:	145 W	145 W	145 W
power consumption:	0.63 A	0.63 A	0.63 A
maximum inrush current:	110 A	110 A	110 A
dimensions (Ø x H):	386.5 x 227 mm	386.5 x 227 mm	386.5 x 227 mm

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ITEMtempLED **200**

	RayBeam Lite 200 - 60	RayBeam Lite 200 - 90	RayBeam Lite 200 - 120
article number:	310364	310394	310324
GTIN / EAN:	4260745231954	4260745231961	4260745231978
initial luminous flux:	34,000 lm	34,000 lm	34,000 lm
initial system efficiency:	170 lm/w	170 lm/w	170 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:	none	none	none
system performance:	200 W	200 W	200 W
power consumption:	0.87 A	0.87 A	0.87 A
maximum inrush current:	110 A	110 A	110 A
dimensions (Ø x H):	386.5 x 227 mm	386.5 x 227 mm	386.5 x 227 mm

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ITEMtempLED **200**

	RayBeam Lite 200 - 60	RayBeam Lite 200 - 90	RayBeam Lite 200 - 120
article number:	310365	310395	310325
GTIN / EAN:	4260745232104	4260745232111	4260745232128
initial luminous flux:	34,000 lm	34,000 lm	34,000 lm
initial system efficiency:	170 lm/w	170 lm/w	170 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:	none	none	none
system performance:	200 W	200 W	200 W
power consumption:	0.87 A	0.87 A	0.87 A
maximum inrush current:	110 A	110 A	110 A
dimensions (Ø x H):	386.5 x 227 mm	386.5 x 227 mm	386.5 x 227 mm

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tempLED 240

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RayBeam Lite 240 - 60

STOCK
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RayBeam Lite 240 - 90

RayBeam Lite 240 - 120

article number:	310464	310494	310424
GTIN / EAN:	4260745231985	4260745231992	4260745232005
initial luminous flux:	40,800 lm	40,800 lm	40,800 lm
initial system efficiency:	170 lm/w	170 lm/w	170 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:	none	none	none
system performance:	240 W	240 W	240 W
power consumption:	1.04 A	1.04 A	1.04 A
maximum inrush current:	73.5 A	73.5 A	73.5 A
dimensions (Ø x H):	386.5 x 227 mm	386.5 x 227 mm	386.5 x 227 mm

tempLED 240

STOCK
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RayBeam Lite 240 - 60

STOCK
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RayBeam Lite 240 - 90

RayBeam Lite 240 - 120

article number:	310465	310495	310425
GTIN / EAN:	4260745232135	4260745232142	4260745232159
initial luminous flux:	40,800 lm	40,800 lm	40,800 lm
initial system efficiency:	170 lm/w	170 lm/w	170 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:	none	none	none
system performance:	240 W	240 W	240 W
power consumption:	1.04 A	1.04 A	1.04 A
maximum inrush current:	73.5 A	73.5 A	73.5 A
dimensions (Ø x H):	386.5 x 227 mm	386.5 x 227 mm	386.5 x 227 mm

tempLED 300

STOCK
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RayBeam Lite 300 - 60

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RayBeam Lite 300 - 90

RayBeam Lite 300 - 120

article number:	310564	310594	310524
GTIN / EAN:	4260745232029	4260745231930	4260745232036
initial luminous flux:	51,000 lm	51,000 lm	51,000 lm
initial system efficiency:	170 lm/w	170 lm/w	170 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:	none	none	none
system performance:	300 W	300 W	300 W
power consumption:	1.30 A	1.30 A	1.30 A
maximum inrush current:	13.6 A	13.6 A	13.6 A
dimensions (Ø x H):	386.5 x 227 mm	386.5 x 227 mm	386.5 x 227 mm

tempLED 300

STOCK
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RayBeam Lite 300 - 60

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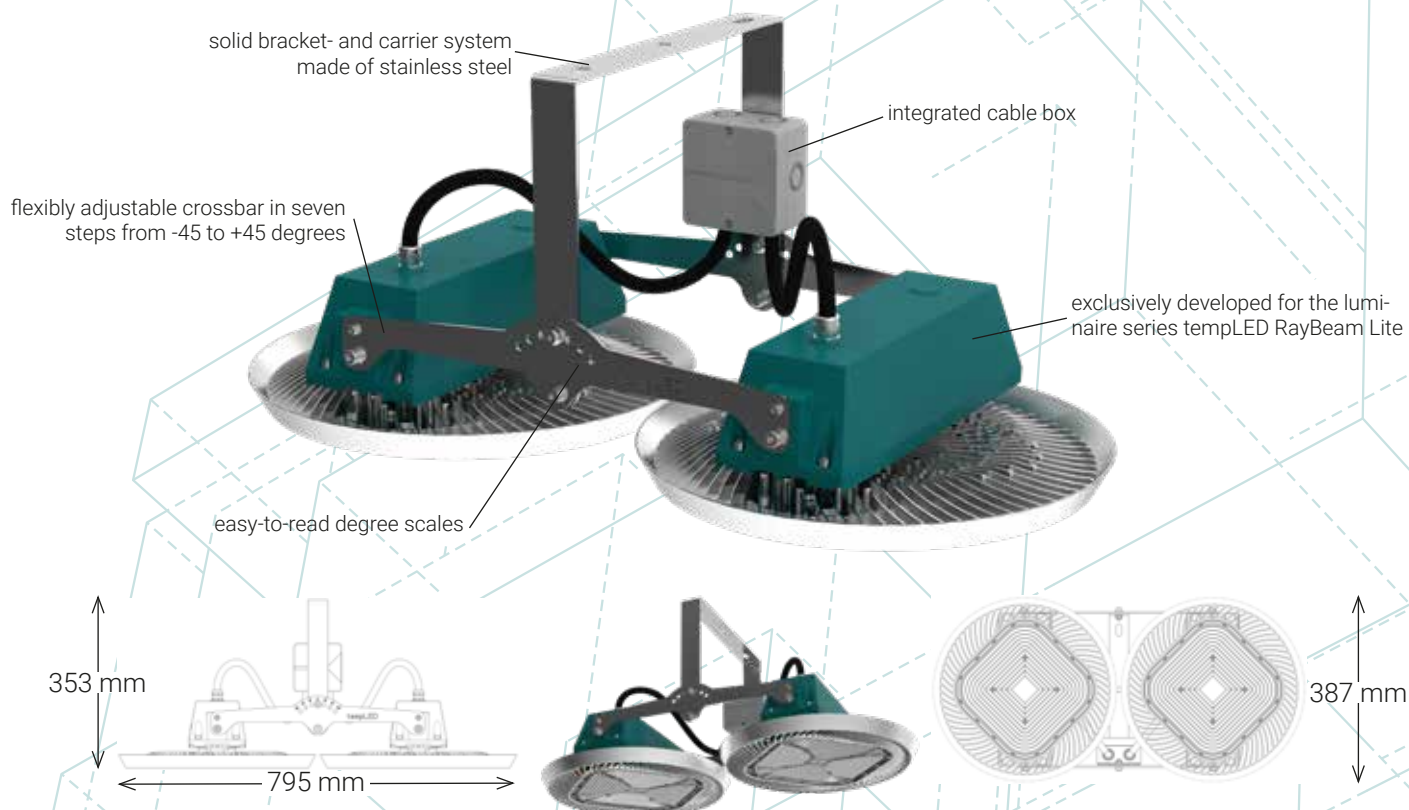
RayBeam Lite 300 - 90









RayBeam Lite 300 - 120

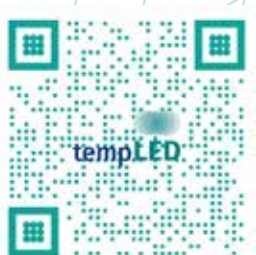
article number:	310565	310595	310525
GTIN / EAN:	4260745232166	4260745232173	4260745232180
initial luminous flux:	51,000 lm	51,000 lm	51,000 lm
initial system efficiency:	170 lm/w	170 lm/w	170 lm/w
initial, most similar color temperature:	5,000 K	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical
beam angle:	60 degrees	90 degrees	120 degrees
dimming / control:	none	none	none
system performance:	300 W	300 W	300 W
power consumption:	1.30 A	1.30 A	1.30 A
maximum inrush current:	13.6 A	13.6 A	13.6 A
dimensions (Ø x H):	386.5 x 227 mm	386.5 x 227 mm	386.5 x 227 mm

Double holder system tempLED RayBeam Lite 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	art.-no.	GTIN / EAN
	wall bracket surface bracket for wall mounting, adjustment range of the luminaire: 0 to 90 degrees, material: stainless steel, finish: natural	932211	4260745233453
	mounting eyelet for pendant mounting mounting eyelet M10 for screw attachment to ceiling bracket, inner Ø: 25 mm, outer Ø: 45 mm, material eyelet and nut: steel, finish: galvanised, material washer: stainless steel, finish: natural	932212	4260745233460
	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	933230	4260745234962
	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	310900	4260745237260



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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?