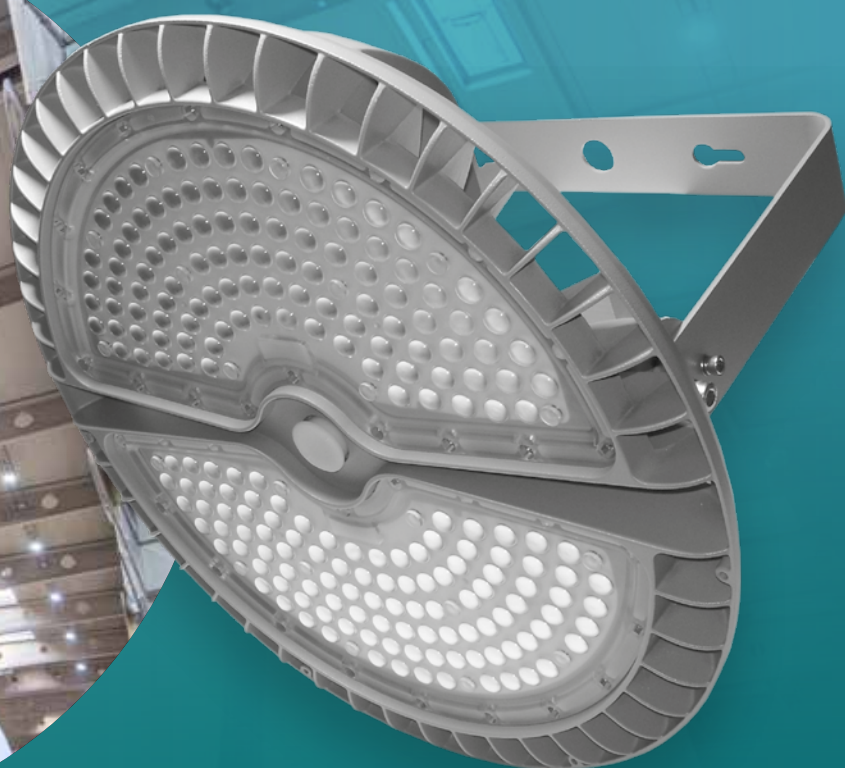


www.tempLED.de


tempLED

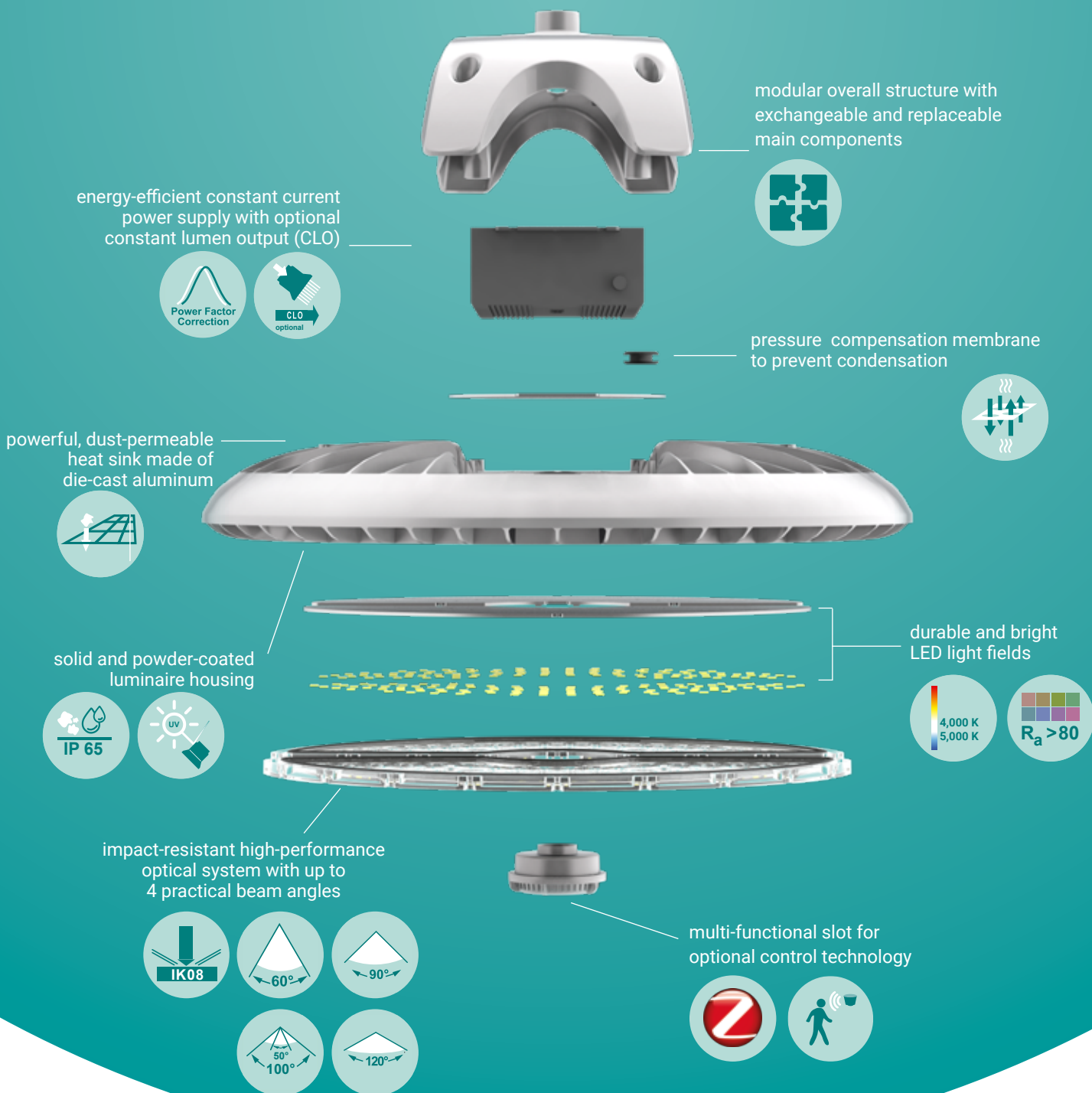


HALL PENDANT LIGHTS

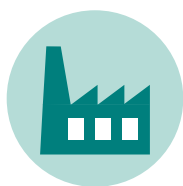
tempLED RayLite

75 | 100 | 120 | 145 | 180 | 200 | 240 | 300

HALL LIGHTS 



Application:



industrial plants



warehouses



cold storages



assembly lines



logistics areas

initial system efficiency
up to 150 lm / w

up to
150 lm/w

energy efficiency class: A++

A++

high-performance
optical system

high-performance
optical system

5 years guarantee

5
years
guarantee

up to
45,000
lm

10
years
spare part
guarantee

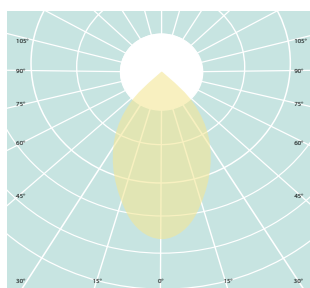
CE

RoHS

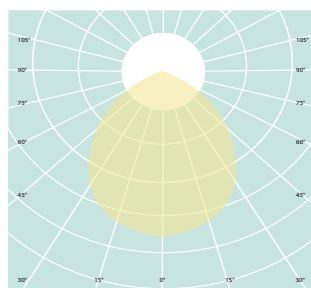
ENEC
in preparation

»Compact, versatile and
reliable at a fair price«

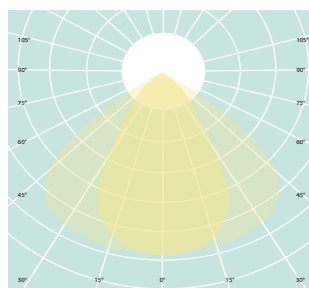
Light distribution curves tempLED RayLite 75 | 100 | 120 | 145 | 180



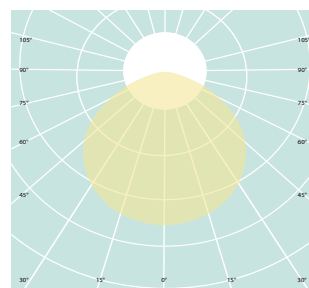
60 degrees symmetrical



90 degrees symmetrical

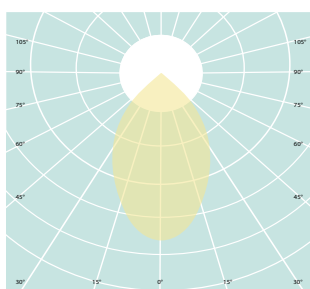


50/100 degrees asymmetrical

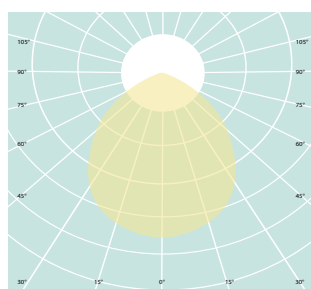


120 degrees symmetrical

Light distribution curves tempLED RayLite 200 | 240 | 300



60 degrees symmetrical



90 degrees symmetrical

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

Lighting properties

initial luminous flux:	approx. 11,250 to 45,000 lumens	luminous flux tolerance:	± 10 percent
initial system efficiency:	up to 150 lumens / watt	photobiological safety:	IEC/TR 62778: 0
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 ²	compact flicker degree (CFD):	1 percent

¹ additional color temperatures on request ² color rendering index Ra> 90 on request

Electrotechnical properties

power supply (AC):	90 to 240 volts ³	supply frequency:	50 / 60 hertz
power supply (DC):	127 to 250 volts ⁴	power factor:	> 0.95
system performance:	75 to 300 watts	system performance tolerance:	± 10 percent
overvoltage protection:	yes	overheating protection:	yes
temperature monitoring:	yes	total harmonic distortion:	< 20 percent
temperature classification (ATEX):	T5	T _c temperature:	+89 degrees Celsius
energy efficiency class:	A++		

³ power supply: 249 to 528 VAC - 50 / 60 Hertz on request ⁴ power supply: 255 to 500 VDC on request

Control and dimming properties

dimming:	on request	minimum dimming level:	on request
control:	motion sensor & ZigBee module optional	constant lumen output (CLO):	optional
human centric lighting (HCL):	on request	emergency power supply:	battery & emergency power module optional

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 material:	die-cast aluminum	material of optical system:	impact resistant polycarbonate
housing color:	gray aluminum (RAL9007)	optional housing color:	painting acc. to RAL color chart
supply connection type:	open cable end	supply cable type:	H05RN-F 3G1
supply cable length:	400 millimeters	number of poles:	3

Additional informationen

certificates:	ENEC in preparation	conformities:	CE and RoHS
lifespan (L70B10C1):	approx. 100,000 hours	lifespan (L90B10C1):	approx. 50,000 hours
guarantee:	5 years ⁵	spare parts guarantee:	10 years
delivery includes:	luminaire and mounting hook		

⁵ according to the warranty conditions of tempLED GmbH, excluding accessories

Logistic informationen

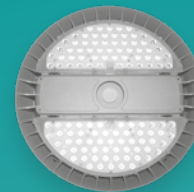
RayLite 75 | 100 | 120 | 145

RayLite 180

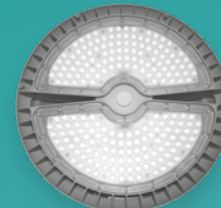
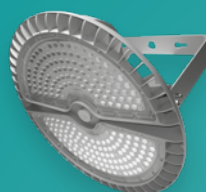
RayLite 200 | 240 | 300

number of luminaires per package:	1	1	1
number of luminaires per pallet:	66	66	40
net weight of luminaire:	4,000 g	4,300 g	7,000 g
gross weight per package:	4,500 g	4,800 g	7,800 g
package dimensions L x W x H:	390 x 390 x 170 mm	390 x 390 x 170 mm	500 x 500 x 190 mm

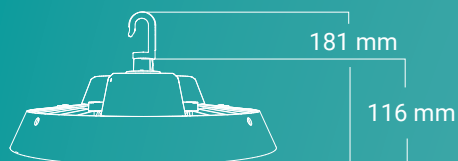
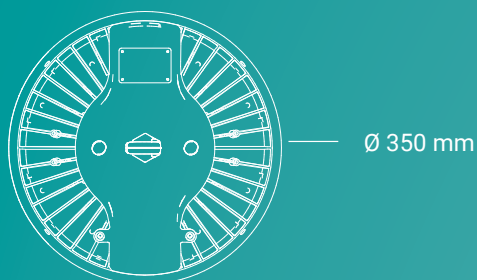
tempLED RayLite 75 | 100 | 120 | 145 | 180



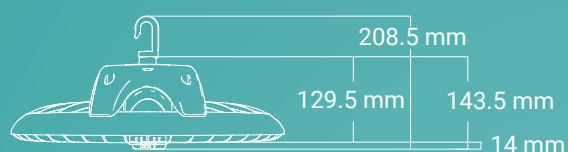
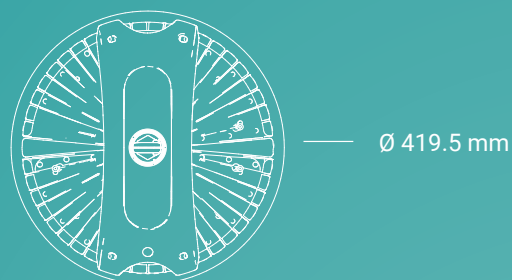
tempLED RayLite 200 | 240 | 300



Dimensions tempLED RayLite 75 | 100 | 120 | 145 | 180



Dimensions tempLED RayLite 200 | 240 | 300



Mounting options tempLED RayLite 75 | 100 | 120 | 145 | 180 | 200 | 240 | 300

pendant mounting



rope suspension



RayLite 75-180 only

rod mounting



pole mounting



bracket mounting



additional information:
luminaire height with ceiling
bracket included is 300 mm.

tempLED	75	RayLite 75 - 60	RayLite 75 - 90	RayLite 75 - 120	RayLite 75 - 50/100
article number:		337064	337094	337024	337054
GTIN / EAN:		4260491840141	4260491840288	4260669190696	4260491840158
initial luminous flux:		approx. 11,250 lm	approx. 11,250 lm	approx. 11,250 lm	approx. 11,250 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	4,000 K	4,000 K	4,000 K
light distribution:		symmetrical	symmetrical	symmetrical	asymmetrical
beam angle:		60°	90°	120°	50 / 100°
dimming / control:		on request	on request	on request	on request
system performance:		75 W	75 W	75 W	75 W
power consumption:		0.31 A	0.31 A	0.31 A	0.31 A
maximum inrush current:		50 A	50 A	50 A	50 A
dimensions Ø x H:		350 x 181 mm	350 x 181 mm	350 x 181 mm	350 x 181 mm
weight:		4,000 g	4,000 g	4,000 g	4,000 g

tempLED	75	RayLite 75 - 60	RayLite 75 - 90	RayLite 75 - 120	RayLite 75 - 50/100
article number:		337065	337095	337025	337055
GTIN / EAN:		4260491845528	4260491845535	4260491845504	4260491845511
initial luminous flux:		approx. 11,250 lm	approx. 11,250 lm	approx. 11,250 lm	approx. 11,250 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.:		5,000 K	5,000 K	5,000 K	5,000 K
light distribution:		symmetrical	symmetrical	symmetrical	asymmetrical
beam angle:		60°	90°	120°	50 / 100°
dimming / control:		on request	on request	on request	on request
system performance:		75 W	75 W	75 W	75 W
power consumption:		0.31 A	0.31 A	0.31 A	0.31 A
maximum inrush current:		50 A	50 A	50 A	50 A
dimensions Ø x H:		350 x 181 mm	350 x 181 mm	350 x 181 mm	350 x 181 mm
weight:		4,000 g	4,000 g	4,000 g	4,000 g

tempLED	100	RayLite 100 - 60	RayLite 100 - 90	RayLite 100 - 120	RayLite 100 - 50/100
article number:		337164	337194	337124	337154
GTIN / EAN:		4260491840356	4260491840363	4260669190702	4260491840165
initial luminous flux:		approx. 15,000 lm	approx. 15,000 lm	approx. 15,000 lm	approx. 15,000 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	4,000 K	4,000 K	4,000 K
light distribution:		symmetrical	symmetrical	symmetrical	asymmetrical
beam angle:		60°	90°	120°	50 / 100°
dimming / control:		on request	on request	on request	on request
system performance:		100 W	100 W	100 W	100 W
power consumption:		0.42 A	0.42 A	0.42 A	0.42 A
maximum inrush current:		60 A	60 A	60 A	60 A
dimensions Ø x H:		350 x 181 mm	350 x 181 mm	350 x 181 mm	350 x 181 mm
weight:		4,000 g	4,000 g	4,000 g	4,000 g

tempLED 100	RayLite 100 - 60	RayLite 100 - 90	RayLite 100 - 120	RayLite 100 - 50/100
article number:	337165	337195	337125	337155
GTIN / EAN:	4260491845566	4260491845573	4260491845542	4260491845559
initial luminous flux:	approx. 15,000 lm	approx. 15,000 lm	approx. 15,000 lm	approx. 15,000 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.:	5,000 K	5,000 K	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	asymmetrical
beam angle:	60°	90°	120°	50 / 100°
dimming / control:	on request	on request	on request	on request
system performance:	100 W	100 W	100 W	100 W
power consumption:	0.42 A	0.42 A	0.42 A	0.42 A
maximum inrush current:	60 A	60 A	60 A	60 A
dimensions Ø x H:	350 x 181 mm	350 x 181 mm	350 x 181 mm	350 x 181 mm
weight:	4,000 g	4,000 g	4,000 g	4,000 g

tempLED 120	RayLite 120 - 60	RayLite 120 - 90	RayLite 120 - 120	RayLite 120 - 50/100
article number:	337264	337294	337224	337254
GTIN / EAN:	4260491840448	4260669190719	4260491847096	4260491840578
initial luminous flux:	approx. 18,000 lm	approx. 18,000 lm	approx. 18,000 lm	approx. 18,000 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	4,000 K	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical	symmetrical	asymmetrical
beam angle:	60°	90°	120°	50 / 100°
dimming / control:	on request	on request	on request	on request
system performance:	120 W	120 W	120 W	120 W
power consumption:	0.50 A	0.50 A	0.50 A	0.50 A
maximum inrush current:	60 A	60 A	60 A	60 A
dimensions Ø x H:	350 x 181 mm	350 x 181 mm	350 x 181 mm	350 x 181 mm
weight:	4,000 g	4,000 g	4,000 g	4,000 g

tempLED 120	RayLite 120 - 60	RayLite 120 - 90	RayLite 120 - 120	RayLite 120 - 50/100
article number:	337265	337295	337225	337255
GTIN / EAN:	4260491845603	4260491845610	4260491845580	4260491845597
initial luminous flux:	approx. 18,000 lm	approx. 18,000 lm	approx. 18,000 lm	approx. 18,000 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.:	5,000 K	5,000 K	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	asymmetrical
beam angle:	60°	90°	120°	50 / 100°
dimming / control:	on request	on request	on request	on request
system performance:	120 W	120 W	120 W	120 W
power consumption:	0.50 A	0.50 A	0.50 A	0.50 A
maximum inrush current:	60 A	60 A	60 A	60 A
dimensions Ø x H:	350 x 181 mm	350 x 181 mm	350 x 181 mm	350 x 181 mm
weight:	4,000 g	4,000 g	4,000 g	4,000 g

tempLED 145

	RayLite 145 - 60	RayLite 145 - 90	RayLite 145 - 120	RayLite 145 - 50/100
article number:	337364	337394	337324	337354
GTIN / EAN:	4260491840585	4260491840370	4260491840592	4260491840721
initial luminous flux:	approx. 21,750 lm	approx. 21,750 lm	approx. 21,750 lm	approx. 21,750 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	4,000 K	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical	symmetrical	asymmetrical
beam angle:	60°	90°	120°	50 / 100°
dimming / control:	on request	on request	on request	on request
system performance:	145 W	145 W	145 W	145 W
power consumption:	0.61 A	0.61 A	0.61 A	0.61 A
maximum inrush current:	60 A	60 A	60 A	60 A
dimensions Ø x H:	350 x 181 mm	350 x 181 mm	350 x 181 mm	350 x 181 mm
weight:	4,000 g	4,000 g	4,000 g	4,000 g

tempLED 145

	RayLite 145 - 60	RayLite 145 - 90	RayLite 145 - 120	RayLite 145 - 50/100
article number:	337365	337395	337325	337355
GTIN / EAN:	4260491845641	4260491845658	4260491845627	4260491845634
initial luminous flux:	approx. 21,750 lm	approx. 21,750 lm	approx. 21,750 lm	approx. 21,750 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.:	5,000 K	5,000 K	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	asymmetrical
beam angle:	60°	90°	120°	50 / 100°
dimming / control:	on request	on request	on request	on request
system performance:	145 W	145 W	145 W	145 W
power consumption:	0.61 A	0.61 A	0.61 A	0.61 A
maximum inrush current:	60 A	60 A	60 A	60 A
dimensions Ø x H:	350 x 181 mm	350 x 181 mm	350 x 181 mm	350 x 181 mm
weight:	4,000 g	4,000 g	4,000 g	4,000 g

tempLED 180

	RayLite 180 - 60	RayLite 180 - 90	RayLite 180 - 120	RayLite 180 - 50/100
article number:	337464	337494	337424	337454
GTIN / EAN:	4260491840738	4260491847089	4260491847126	4260491840745
initial luminous flux:	approx. 27,000 lm	approx. 27,000 lm	approx. 27,000 lm	approx. 27,000 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	4,000 K	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical	symmetrical	asymmetrical
beam angle:	60°	90°	120°	50 / 100°
dimming / control:	on request	on request	on request	on request
system performance:	180 W	180 W	180 W	180 W
power consumption:	0.75 A	0.75 A	0.75 A	0.75 A
maximum inrush current:	60 A	60 A	60 A	60 A
dimensions Ø x H:	350 x 181 mm	350 x 181 mm	350 x 181 mm	350 x 181 mm
weight:	4,300 g	4,300 g	4,300 g	4,300 g

tempLED 180

	RayLite 180 - 60	RayLite 180 - 90	RayLite 180 - 120	RayLite 180 - 50/100
article number:	337465	337495	337425	337455
GTIN / EAN:	4260491845689	4260491845696	4260491845665	4260491845672
initial luminous flux:	approx. 27,000 lm	approx. 27,000 lm	approx. 27,000 lm	approx. 27,000 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.:	5,000 K	5,000 K	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	asymmetrical
beam angle:	60°	90°	120°	50 / 100°
dimming / control:	on request	on request	on request	on request
system performance:	180 W	180 W	180 W	180 W
power consumption:	0.75 A	0.75 A	0.75 A	0.75 A
maximum inrush current:	60 A	60 A	60 A	60 A
dimensions Ø x H:	350 x 181 mm	350 x 181 mm	350 x 181 mm	350 x 181 mm
weight:	4,300 g	4,300 g	4,300 g	4,300 g

tempLED 200

	RayLite 200 - 60	RayLite 200 - 90	RayLite 200 - 60	RayLite 200 - 90
article number:	337564	337594	337565	337595
GTIN / EAN:	4260491840790	4260491840387	4260491845726	4260491845733
initial luminous flux:	approx. 30,000 lm	approx. 30,000 lm	approx. 30,000 lm	approx. 30,000 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	4,000 K	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	symmetrical
beam angle:	60°	90°	60°	90°
dimming / control:	on request	on request	on request	on request
system performance:	200 W	200 W	200 W	200 W
power consumption:	0.83 A	0.83 A	0.83 A	0.83 A
maximum inrush current:	75 A	75 A	75 A	75 A
dimensions Ø x H:	419.5 x 208.5 mm	419.5 x 208.5 mm	419.5 x 208.5 mm	419.5 x 208.5 mm
weight:	7,000 g	7,000 g	7,000 g	7,000 g

tempLED 240

	RayLite 240 - 60	RayLite 240 - 90	RayLite 240 - 60	RayLite 240 - 90
article number:	337664	337694	337665	337695
GTIN / EAN:	4260491840943	4260491841094	4260491845764	4260491845771
initial luminous flux:	approx. 36,000 lm	approx. 36,000 lm	approx. 36,000 lm	approx. 36,000 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	4,000 K	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	symmetrical
beam angle:	60°	90°	60°	90°
dimming / control:	on request	on request	on request	on request
system performance:	240 W	240 W	240 W	240 W
power consumption:	1.00 A	1.00 A	1.00 A	1.00 A
maximum inrush current:	75 A	75 A	75 A	75 A
dimensions Ø x H:	419.5 x 208.5 mm	419.5 x 208.5 mm	419.5 x 208.5 mm	419.5 x 208.5 mm
weight:	7,000 g	7,000 g	7,000 g	7,000 g

tempLED **300**

	RayLite 300 - 60	RayLite 300 - 90	RayLite 300 - 60	RayLite 300 - 90
article number:	337764	337794	337765	337795
GTIN / EAN:	4260669191419	4260491840394	4260491846129	4260491846136
initial luminous flux:	approx. 45,000 lm	approx. 45,000 lm	approx. 45,000 lm	approx. 45,000 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	4,000 K	5,000 K	5,000 K
light distribution:	symmetrical	symmetrical	symmetrical	symmetrical
beam angle:	60°	90°	60°	90°
dimming / control:	on request	on request	on request	on request
system performance:	300 W	300 W	300 W	300 W
power consumption:	1.25 A	1.25 A	1.25 A	1.25 A
maximum inrush current:	70 A	70 A	70 A	70 A
dimensions Ø x H:	419.5 x 208.5 mm	419.5 x 208.5 mm	419.5 x 208.5 mm	419.5 x 208.5 mm
weight:	7,000 g	7,000 g	7,000 g	7,000 g

ACCESSORIES

		EAN / GTIN	art. no.
	reflector suitable for RayLite 75 / 100 / 120 / 145 / 180 material: shatterproof and shockproof polycarbonate (The rope suspension shown is not included.)	4260491846198	932155
	reflector suitable for RayLite 75 / 100 / 120 / 145 / 180 material: aluminum	4260491846327	932168
	reflector suitable for RayLite 200 / 240 / 300 material: aluminum	4260491846334	932169
	plug & play presence detector plug & play quick-connect module with microwave presence detector for situation-specific control of individual RayLite luminaires	4260491846303	932166
	remote control for plug & play presence detector infrared remote control for configuring the plug & play presence detector 932166	4260491846310	932167
	wireless plug & play ZigBee module plug & play quick-connect module for integration into and control of RayLite luminaires via a radio-based ZigBee network	4260491846204	932156
	wireless ZigBee motion detector stand-alone passive infrared motion detector for controlling RayLite luminaires and groups of lights with radio-based ZigBee module 932156	4260669191792	932196
	wireless ZigBee gateway gateway for integrating computers, smartphones and tablets into a radio-based ZigBee network via a LAN or a WLAN interface	4260491846228	932158
	wireless ZigBee touchdimmer stand-alone control module with touch surface for switching and dimming RayLite luminaires and groups of lights with radio-based ZigBee module 932156	4260491846235	932159
	wireless ZigBee daylight sensor stand-alone sensor module for daylight-dependent control of RayLite luminaires and groups of lights with radio-based ZigBee module 932156	4260491846242	932160
	steel cable suspension suitable for RayLite 75 / 100 / 120 / 145 / 180 steel cable for suspension (suspension down to 700 mm)	4260491846259	932161
	RayLite rod 1,00 m holding tube for rod mounting; length: 1,00 m	4260491846266	932162
	RayLite rod 1,50 m holding tube for rod mounting; length: 1,50 m	4260491846273	932163
	RayLite rod 2,00 m holding tube for rod mounting; length: 2,00 m	4260491846280	932164

ACCESSORIES

		EAN / GTIN	art. no.
	mast holder for pole top attachment for installing the tempLED RayLite luminaires on poles with a spigot of 60 mm	4260491846297	932165
	ceiling mounting bracket suitable for RayLite 75 / 100 / 120 / 145 / 180 material: steel, powder-coated; adjustment range of the luminaire: -45 to +45 degrees	4260491846150	932151
	stainless steel ceiling mounting bracket suitable for RayLite 75 / 100 / 120 / 145 / 180 material: stainless steel; adjustment range of the luminaire: -45 to +45 degrees	4260491846174	932153
	ceiling mounting bracket suitable for RayLite 200 / 240 / 300 material: steel, powder-coated; adjustment range of the luminaire: -45 to +45 degrees	4260491846167	932152
	stainless steel ceiling mounting bracket suitable for RayLite 200 / 240 / 300 material: stainless steel; adjustment range of the luminaire: -45 to +45 degrees	4260491846181	932154
	stainless steel wall mounting bracket suitable for RayLite 75 / 100 / 120 / 145 / 180 material: stainless steel; adjustment range of the luminaire: 0 to 90 degrees	4260669194335	934041
	stainless steel wall mounting bracket suitable for RayLite 200 / 240 / 300 material: stainless steel; adjustment range of the luminaire: 0 to 90 degrees	4260669194342	934042
	crane mounting kit stainless steel holding device for mounting luminaires on cranes, shock-absorbing with rubber buffers, delivered as a set of 2	4260491842114	932810
	safety plug 3-pin safety plug with ingress protection IP 44 installed on the supply cable of the luminaire	4260491842251	945400
	supply cable extension ready-to-use 3-pin supply cable extension up to 10 meters	4260491843760	333903
	emergency light module suitable for RayLite 75 / 100 / 120 / 145 / 180 controlled single battery module; rated power: 15 W; luminous flux: approx. 2,250 lm; operating time: approx. 180 minutes	4260491846341	932170
	emergency light module suitable for RayLite 200 / 240 / 300 controlled single battery module; rated power: 15 W; luminous flux: approx. 2,250 lm; operating time: approx. 180 minutes	4260491849663	932192



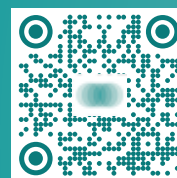
data sheets



lighting design files



installation instructions



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