

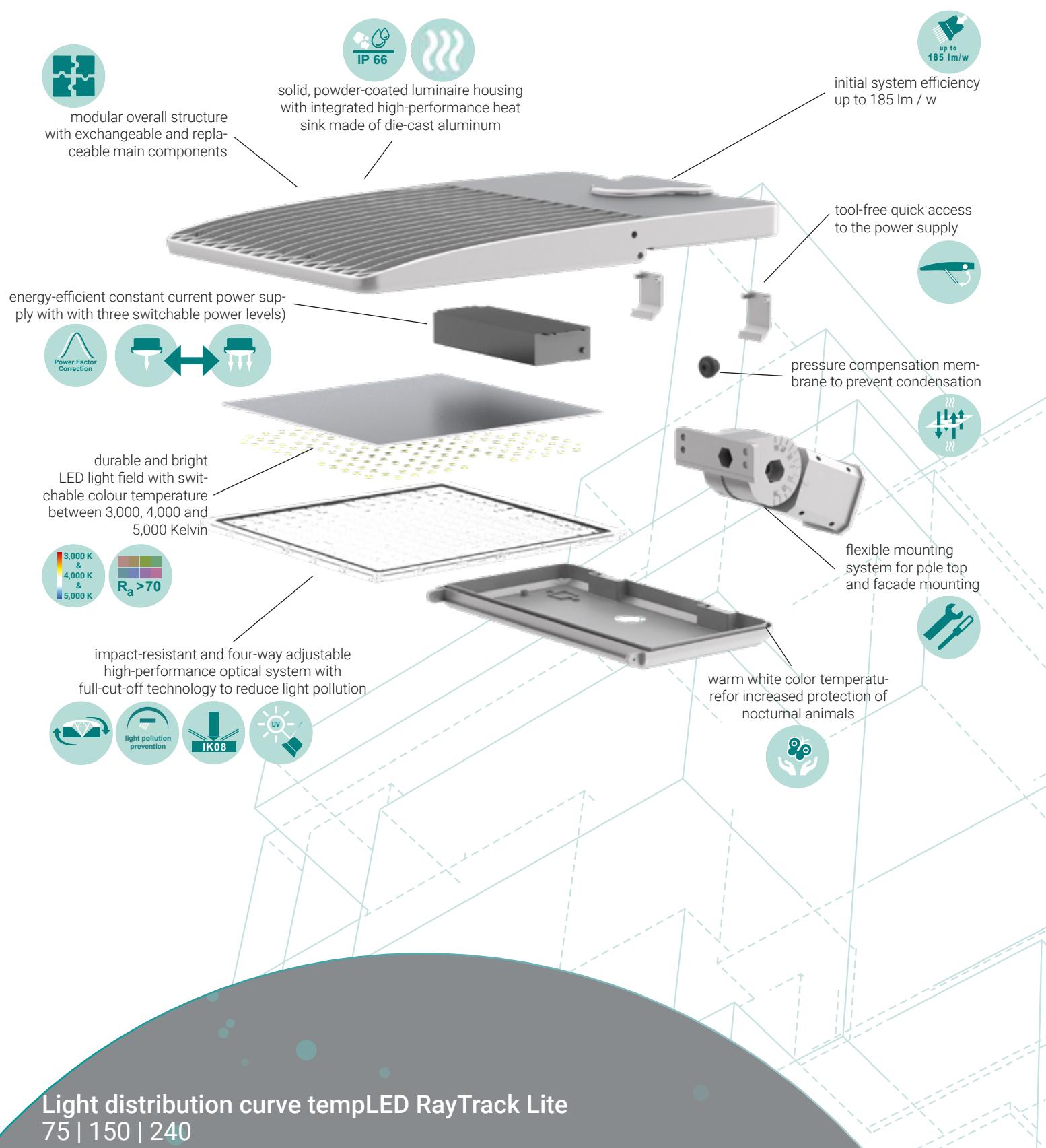


OUTDOOR AND ROADWAY LIGHT

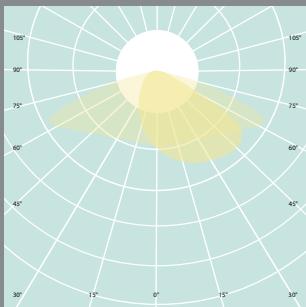
tempLED RayTrack Lite

75 | 150 | 240

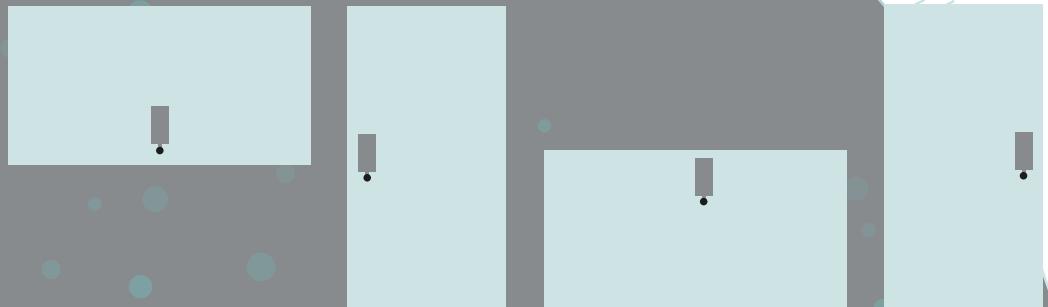
tempLED



Light distribution curve tempLED RayTrack Lite 75 | 150 | 240



80x150 degrees asymmetrical
full-cut-off technology

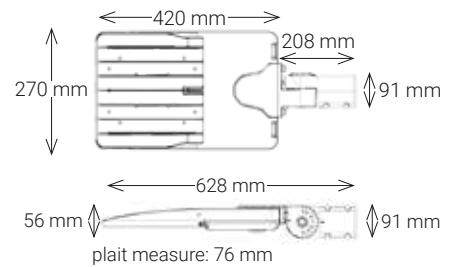
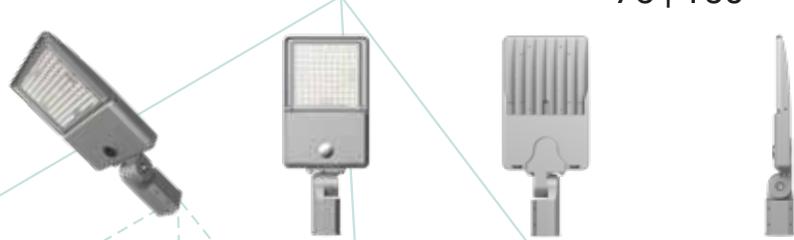


four-way adjustable high-performance optical system (position 0 (standard) | 90 | 180 | 270)
the right illumination of the requested area for each mounting position

tempLED RayTrack Lite

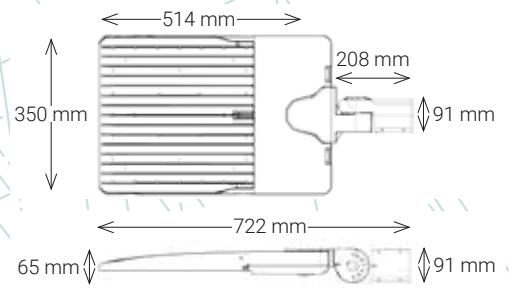
Dimensions

75 | 150



 Windage area fw with luminaire inclination angle 0 degrees: 0,02 m².

240



 Windage area fw with luminaire inclination angle 0 degrees: 0,03 m².

Mounting options tempLED RayTrack Lite

75 | 150 | 240

pole top mounting¹facade mounting²bracket mounting³

¹ Adjustment range for pole top mounting with included pole top: -90 to +90 degrees.

² Adjustment range for facade mounting with optional wall holder 932141: -90 to +90 degrees.

³ Adjustment range for surface mounting with optional mounting bracket 932142 / 932145 / 932146: -90 to +90 degrees.

General technical data

according to IEC, identical for all types of luminaires



Lighting properties:

initial luminous flux:	up to 44,400 lumens
luminous flux tolerance:	± 10 percent
initial system efficiency:	up to 185 lumens / watt
initial, most similar color temperature:	switchable between 3,000, 4,000 and 5,000 kelvins
initial color rendering index (CRI):	Ra > 70
initial color consistency:	< 5 SDCM
available asymmetrical beam angles:	80 x 150 degrees
individually adjustable high-performance optical system::	yes, four ways
photobiological safety:	IEC/TR 62778: 1
stray light reduction:	yes, with full-cut-off technology
increased protection of nocturnal animals:	yes, with color temperature 3,000 kelvins
compact flicker degree (CFD):	1 percent
stroboscopic visibility measurement (SVM):	< 0.01
short time flicker (Pst LM):	< 0.01

Electrotechnical properties:

power supply AC:	100 to 240 volts
supply frequency:	50 / 60 hertz
power supply DC:	127 to 250 volts
system performance:	48 to 240 watts
system performance tolerance:	± 10 percent
power factor:	> 0.95
overvoltage protection:	yes
overheating protection:	yes
temperature monitoring:	yes
total harmonic distortion (THD):	< 20 percent
temperature classification (ATEX):	T5
Tc - temperature:	+90 degrees Celsius

Energietechnische Eigenschaften:

Valid for all tempLED RayTrack Lite up to 169 lm/w:	This product contains a light source of energy efficiency class C.
Valid for all tempLED RayTrack Lite from 170 lm/w:	This product contains a light source of energy efficiency class B.

Mounting options:

standard mounting options:	pole top with adjustment range -90 to +90 degrees
optional mounting options:	wall holder with adjustment range -90 to +90 degrees mounting bracket with adjustment range -90 to +90 degrees

Housing properties:

ambient temperature:	-40 to +50 degrees Celsius
ingress protection:	IP 66
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 and finish of the standard pole top:	die-cast aluminum, powder-coated in white aluminium according to RAL 9006 ¹
material of optical system:	impact- and UV-resistant polycarbonate
luminaire housing color:	white aluminium according to RAL 9006 ¹
surface finish:	powder coating ¹
supply cable type:	H05RN-F 3G1 ²
supply cable length:	30 centimeters ²
supply cable inlet:	cable gland
supply cable connection type:	open cable end
number of poles:	3 grid ²

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 pole top (spigot size: 76 mm)

¹ optional luminaire housing colors and finishes: Paintings according to RAL colour chart, powder coatings according to RAL colour chart or synthetic resin coating.² alternatively: direct cabling in the luminaire housing.³ according to the warranty conditions of tempLED GmbH, excluding accessories.**Logistic information:**

luminaire:	RayTrack Lite 75 150	RayTrack Lite 240
number of luminaires per package:	1	1
number of luminaires per pallet:	39	39
net weight of the luminaire:	4,800 g	7,000 g
gross weight per package:	6,600 g	8,700 g
package dimensions L x W x H:	680 x 360 x 155 mm	760 x 410 x 150 mm


tempLED 75

article number:	400001
GTIN / EAN:	4262493352257
initial luminous flux at 3,000 K:	7,968 / 9,960 / 12,450 lm
initial luminous flux at 4,000 K:	8,880 / 11,100 / 13,875 lm
initial luminous flux at 5,000 K:	8,400 / 10,500 / 13,125 lm
initial system efficiency at 3,000 / 4,000 / 5,000 K:	166 / 185 / 175 lm/W
initial, most similar color temperature:	switchable between 3,000 / 4,000 / 5,000 K
light distribution:	asymmetrical
beam angle:	80 x 150 degrees
dimming / control:	none
system performance:	switchable between 48 / 60 / 75 W
power consumption:	up to 0.33 A
maximum inrush current:	65 A
dimensions (L x W x H):	628 x 270 x 56 mm

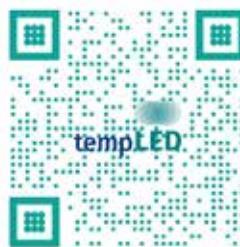

tempLED 150

article number:	400002
GTIN / EAN:	4262493352264
initial luminous flux at 3,000 K:	16,600 / 19,920 / 24,900 lm
initial luminous flux at 4,000 K:	18,500 / 22,200 / 27,750 lm
initial luminous flux at 5,000 K:	17,500 / 21,000 / 26,250 lm
initial system efficiency at 3,000 / 4,000 / 5,000 K:	166 / 185 / 175 lm/W
initial, most similar color temperature:	switchable between 3,000 / 4,000 / 5,000 K
light distribution:	asymmetrical
beam angle:	80 x 150 degrees
dimming / control:	none
system performance:	switchable between 100 / 120 / 150 W
power consumption:	up to 0.66 A
maximum inrush current:	147 A
dimensions (L x W x H):	628 x 270 x 56 mm


tempLED 240

article number:	400003
GTIN / EAN:	4262493352271
initial luminous flux at 3,000 K:	29,880 / 33,200 / 39,840 lm
initial luminous flux at 4,000 K:	33,300 / 37,000 / 44,400 lm
initial luminous flux at 5,000 K:	31,500 / 35,000 / 42,000 lm
initial system efficiency at 3,000 / 4,000 / 5,000 K:	166 / 185 / 175 lm/W
initial, most similar color temperature:	switchable between 3,000 / 4,000 / 5,000 K
light distribution:	asymmetrical
beam angle:	80 x 150 degrees
dimming / control:	none
system performance:	switchable between 180 / 200 / 240 W
power consumption:	up to 1.05 A
maximum inrush current:	73.5 A
dimensions (L x W x H):	722 x 350 x 56 mm

	pole top system for pole-top mounting of the tempLED RayTrack Lite on poles with a spigot size of 76 mm, adjustment range: -90 to +90 degrees, material: die-cast aluminium, finish: powder coating in white aluminium according to RAL 9006, included in delivery of all tempLED RayTrack Lite	401907	4262493352301
	reducer ring for use with the pole top system 401907, to reduce the spigot size from 76 to 60 mm, material: die-cast aluminium, finish: powder coating in white aluminium similar to RAL 9006	401902	4262493352318
	wall holder for mounting the tempLED RayTrack Lite on walls and façades, two-part with integrated cabling compartment, adjustment range: -90 to +90 degrees, material: die-cast aluminium, finish: powder coating in white aluminium according to RAL 9006	932141	4260491842411
	angle bracket for wall and corner mounting for mounting the tempLED RayTrack Lite on facades and building corners, made of cylindrical tube Ø 60 mm; inclination 15 degrees; projection 500 mm, material: stainless steel, finish: natural	932150	4260491842008
	mounting bracket »K« suitable only for tempLED RayTrack Lite 75 / 150 for flexible mounting of the tempLED RayTrack Lite on facades, ceilings and walls, adjustment range: -90 to +90 degrees, material: steel, finish: powder coating in white aluminium according to RAL 9006	932142	4260491842428
	mounting bracket »G« suitable only for tempLED RayTrack Lite 240 for flexible mounting of the tempLED RayTrack Lite on facades, ceilings and walls, adjustment range: -90 to +90 degrees, material: steel, finish: powder coating in white aluminium according to RAL 9006	932145	4260491842459
	angle bracket one-sided for mast plait Ø 76 mm made of cylindrical tube Ø 60 mm; inclination 15 degrees; projection 500 mm, material: steel, finish: galvanised	932351	4260491842121
	angle bracket two-sided 90 degrees for mast plait Ø 76 mm made of cylindrical tube Ø 60 mm; inclination 15 degrees; projection 500 mm, material: steel, finish: galvanised	932016	4260745231350
	angle bracket two-sided 180 degrees for mast plait Ø 76 mm made of cylindrical tube Ø 60 mm; inclination 15 degrees; projection 500 mm, material: steel, finish: galvanised	932352	4260491842138
	angle bracket three-sided 120 degrees for mast plait Ø 76 mm made of cylindrical tube Ø 60 mm; inclination 15 degrees; projection 500 mm, material: steel, finish: galvanised	932353	4260491842145
	angle bracket four-sided 90 degrees for mast plait Ø 76 mm made of cylindrical tube Ø 60 mm; inclination 15 degrees; projection 500 mm, material: steel, finish: galvanised	934038	4260491844699
	supply cable extension ready-to-use 3-pin supply cable extension up to 10 meters	333903	4260491843760



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?