



OFFICE- AND WORKPLACE LIGHT

tempLED RaySquare Pro V3

36

tempLED



modular overall structure with exchangeable and replaceable main components



solid luminaire housing



initial system efficiency up to 140 lm / w



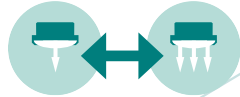
variable mounting possibilities

UGR up to <19

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



1 luminaire = 11 selectable power levels¹



impact-resistant cover plate made of PS

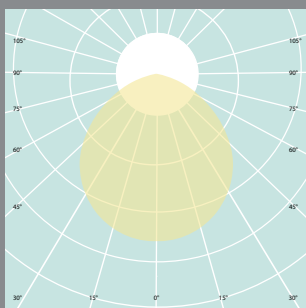


durable and bright LED light field



¹ only for luminaires without DALI-2 dimming.

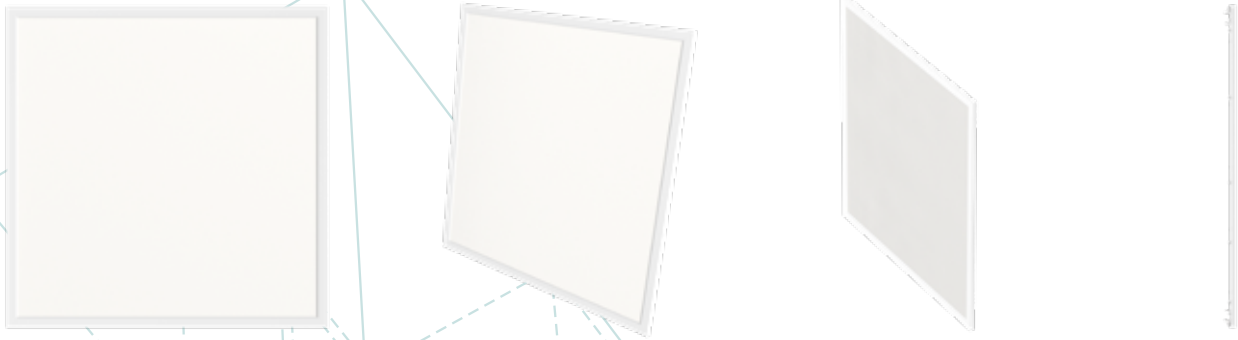
Light distribution curve tempLED RaySquare Pro V3 36



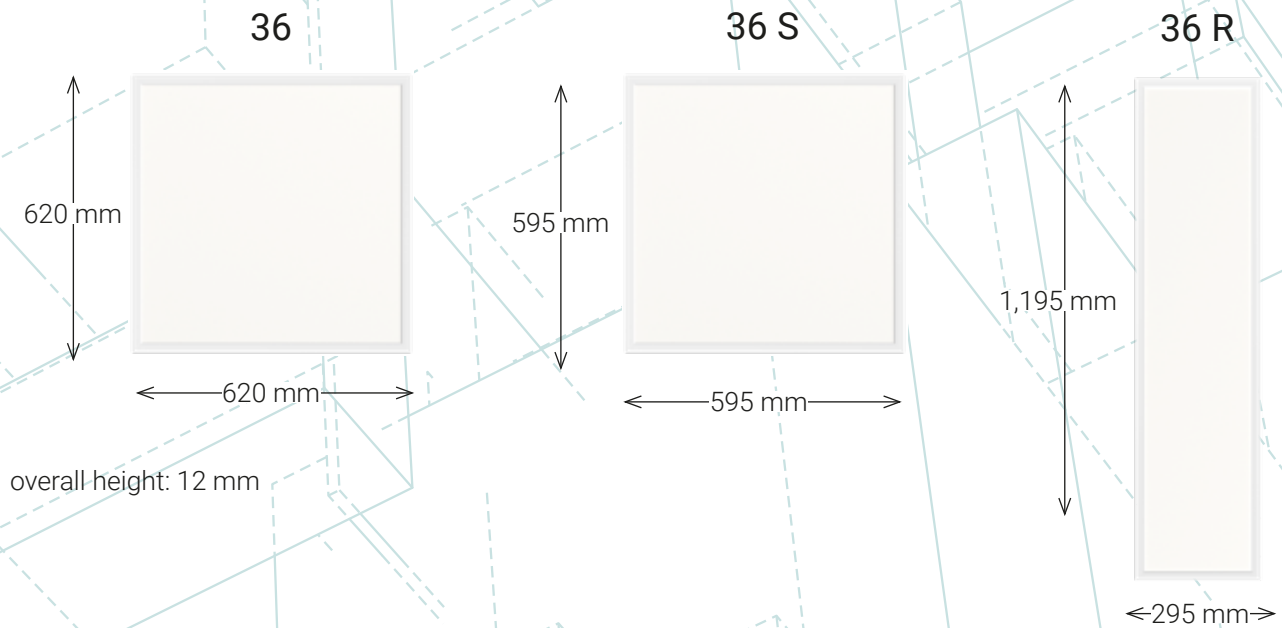
90 degrees symmetrical

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Dimensions tempLED RaySquare Pro V3

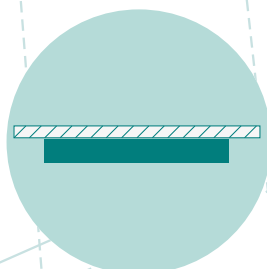
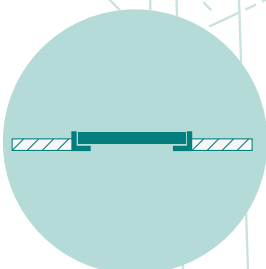


Mounting options tempLED RaySquare Pro V3

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recessed ceiling mounting

ceiling mounting¹



¹ requires separate mounting accessories

General technical data

according to IEC, identical for all types of luminaires



in preparation



Lighting properties:

initial luminous flux:	up to 5,040 lumens
luminous flux tolerance:	± 10 percent
initial system efficiency:	up to 140 lumens / watt
initial, most similar color temperature:	4,000 kelvins ¹
initial color rendering index (CRI):	Ra > 80
initial color consistency:	< 3 SDCM
unified glare rating (UGR):	up to < 19
available symmetrical beam angles:	90 degrees
photobiological safety:	IEC/TR 62778: 1
compact flicker degree (CFD):	1 percent
stroboscopic visibility measurement (SVM):	≤ 0.05
short time flicker (Pst LM):	≤ 0.05

Electrotechnical properties:

power supply AC:	220 to 240 volts
supply frequency:	50 / 60 hertz
power supply DC (valid for models with DALI dimming only):	176 to 250 volts
system performance:	up to 36 watts
system performance tolerance:	± 10 percent
power factor:	> 0,90
overvoltage protection:	yes
overheating protection:	yes
temperature monitoring:	yes
total harmonic distortion (THD):	< 12 percent
temperature classification (ATEX):	T5
Tc - temperature:	+89 degrees Celsius

Energy characteristics:

Valid for all tempLED RaySquare Pro V3:	This product contains a light source of energy efficiency class D.
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Mounting options:

standard mounting options:	recessed ceiling mouting
optional mounting options:	ceiling mounting, cable suspension

¹ additional color temperatures on request.

Control and safety properties:

dimming:	DALI-2 optional
minimum dimming level:	10 percent
constant lumen output (CLO):	optional
emergency light module:	on request ¹

Housing properties:

ambient temperature:	-20 to +40 degrees Celsius
ingress protection:	IP 40
impact resistance level:	IK04
electrical protection class:	II
housing and heat sink material(s):	aluminum
cover plate material:	impact resistant PS
cover plate finish:	light directing foil
luminaire housing color:	traffic white according to RAL 9016 ²
surface finish:	powder coating ²
number of poles (valid for types without dimming only):	2 grid
number of poles (valid for types with DALI dimming only):	2 grid / 2 DALI

Additional information:

certificates:	ENEC in preparation
conformities:	CE and RoHS
lifespan (L90B10C1):	approx. 40,000 hours
lifespan (L70B10C1):	approx. 100,000 hours
guarantee:	5 years ³
spare part guarantee:	10 years
delievery includes:	luminaire and power supply

¹ can only be used at ambient temperatures from +5 to +45 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:	RaySquare Pro V3 36	RaySquare Pro V3 36 S	RaySquare Pro V3 36 R
number of luminaires per package:	1	1	1
number of luminaires per master carton:	5	5	5
number of luminaires per pallet:	90	90	105
weight of the luminaire:	3,300 g	3,100 g	3,500 g
weight per package:	3,500 g	3,300 g	3,700 g
package dimensions L x W x H:	720 x 680 x 43 mm	680 x 640 x 43 mm	1,280 x 380 x 43 mm
weight per master carton:	18,500 g	17,900 g	19,500 g
master carton dimensions L x W x H:	750 x 700 x 235 mm	700 x 660 x 230 mm	1,310 x 410 x 240 mm

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STOCK
ITEM

RaySquare Pro V3 36 - 90

STOCK
ITEM

RaySquare Pro V3 36 - 90 DALI

article number:	861001	861004
GTIN / EAN:	4262493351465	4262493351496
initial luminous flux:	from 1,820 to 5,040 lm	5,040 lm
initial system efficiency:	140 lm/W	140 lm/W
unified glare rating (UGR):	< 19	< 19
initial, most similar color temperature:	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical
beam angle:	90 degrees	90 degrees
dimming / control:	none	DALI-2
system performance:	switchable between 13, 15, 18, 20, 22, 24, 27, 29, 31, 33 and 36 W	36 W
power consumption:	up to 0.16 A	0.16 A
maximum inrush current:	30 A	27 A
dimensions (L x W x H) luminaire:	620 x 620 x 12 mm	620 x 620 x 12 mm
dimensions (L x W x H) power supply:	147 x 43 x 30 mm	97 x 43 x 30 mm

tempLED 36

STOCK
ITEM

RaySquare Pro V3 36 - 90 S

STOCK
ITEM

RaySquare Pro V3 36 - 90 S DALI

article number:	861002	861005
GTIN / EAN:	4262493351472	4262493351502
initial luminous flux:	from 1,820 to 5,040 lm	5,040 lm
initial system efficiency:	140 lm/W	140 lm/W
unified glare rating (UGR):	< 19	< 19
initial, most similar color temperature:	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical
beam angle:	90 degrees	90 degrees
dimming / control:	none	DALI-2
system performance:	switchable between 13, 15, 18, 20, 22, 24, 27, 29, 31, 33 and 36 W	36 W
power consumption:	up to 0.16 A	0.16 A
maximum inrush current:	30 A	27 A
dimensions (L x W x H) luminaire:	595 x 595 x 12 mm	595 x 595 x 12 mm
dimensions (L x W x H) power supply:	147 x 43 x 30 mm	97 x 43 x 30 mm

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ITEM

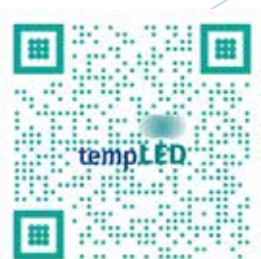
RaySquare Pro V3 36 - 90 R

STOCK
ITEM

RaySquare Pro V3 36 - 90 R DALI

article number:	861003	861006
GTIN / EAN:	4262493351489	4262493351519
initial luminous flux:	from 1,690 to 4,680 lm	4,680 lm
initial system efficiency:	130 lm/W	130 lm/W
unified glare rating (UGR):	< 19	< 19
initial, most similar color temperature:	4,000 K	4,000 K
light distribution:	symmetrical	symmetrical
beam angle:	90 degrees	120 degrees
dimming / control:	none	DALI-2
system performance:	switchable between 13, 15, 18, 20, 22, 24, 27, 29, 31, 33 and 36 W	36 W
power consumption:	up to 0.16 A	0.16 A
maximum inrush current:	30 A	27 A
dimensions (L x W x H) luminaire:	1,195 x 295 x 12 mm	1,195 x 295 x 12 mm
dimensions (L x W x H) power supply:	147 x 43 x 30 mm	97 x 43 x 30 mm

tempLED	Accessory catalogue RaySquare Pro V3	art.-no.	GTIN / EAN
	mounting frame for mounting the tempLED RaySquare Pro V3 on ceilings, material: aluminum, colour: natural suitable for tempLED RaySquare Pro V3 36 - 90 , dimensions: 620 x 620 x 70 mm suitable for tempLED RaySquare Pro V3 36 - 90 S , dimensions: 600 x 600 x 70 mm suitable for tempLED RaySquare Pro V3 36 - 90 R , dimensions: 1,200 x 300 x 70 mm	861050 861051 861052	4262493351526 4262493351533 4262493351540
	4-point cable suspension for suspended mounting of the tempLED RaySquare Pro V3 and RaySquare Pro V3 S from the ceiling using four cables, material: steel, colour: natural, maximum suspension depth: 1.20 meters can only be used in combination with the mounting frame 861050 or 861051	861056	4262493351946
	6-point cable suspension for suspended mounting of the tempLED RaySquare Pro V3R from the ceiling using six cables, material: steel, colour: natural, maximum suspension depth: 1.20 meters can only be used in combination with the mounting frame 861052	861057	4262493351953
	connection cable set with Wieland connector Connection cable set consisting of 50 centimetre supply cable and Wieland plug connector, mounted on the power supply unit ready to use version 3-pole version 5-pole	861053 861054	4262493351557 4262493351564



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?