Sensor-switched LED outdoor light - Professional Line

L 691 S

V2 PMMA anthracite
EAN 4007841 053031
Article number 053031

3000K warm-white | infrared sensor 360° | IP44 | 2 - 1000 lux | 5 sec - 15 min | soft light start | Light source not exchangeable | Control gear not exchangeable | shock proof IK07 | manual override

Function description

Ruggedness squared. Providing 576 lm of light from just 8,5 W, the L 691 S is now even brighter and even more energy-efficient. The square LED sensor-switched outdoor light with aluminium base and impact-resistant PMMA shade also comes with a sturdy grid guard – for even greater security. With 360° infrared mini sensor, 7 m reach, basic light-level function, soft light start, time and twilight threshold. Can be interconnected by cable.

Technical specifications

Dimensions (L x W x H)	126 x 291 x 303 mm
With lamp	Yes, STEINEL LED system
Manufacturer's Warranty	5 years
Settings via	Potentiometers
With remote control	No
Version	PMMA anthracite
PU1, EAN	4007841053031
Application, place	Outdoors
Application, room	outdoors, front door, all round the building, courtyard & driveway
Colour	Anthracite
Installation site	wall
Impact resistance	IK07
IP-rating	IP44
Protection class	II
Ambient temperature	from -20 up to 50 °C
Housing material	Aluminium

Photo-cell controller	Yes
Cover material	shrouds
Luminous flux total product	576 lm
Measured luminos flux (360°)	576 lm
Total product efficiency	68 lm/W
Colour temperature	3000 K
Colour variation LED	SDCM3
Lamp	LED cannot be replaced
Service life LED L70B50 (25°)	> 60000 h
Base	without
LED cooling system	Passive Thermo Control
Soft light start	Yes
Continuous light	selectable, 4h
Functions	4 programme settings geared to practical needs, can be selected on removable sensor module
Twilight setting	2 – 1000 lx
Time setting	5 s – 15 Min.

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Technical specifications

Cover material	Plastic, opal
Mains power supply	220 – 240 V / 50 – 60 Hz
Output	8,5 W
Average rated life expectancy of power supply unit at 25°C	> 60000 h
Mounting height max.	2,50 m
Slave modeselectable	No
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	No
Mechanical scalability	No
Reach, radial	r = 1.5 m (7 m^2)
Reach, tangential	r = 7 m (154 m^2)

Basic light level function	Yes
Basic light level function time	10/30 min, all night
Interconnection	Yes
Basic light level function in per cent	10 %
Basic light level function percentage, from	10 %
Basic light level function percentage, up to	10 %
Interconnection via	Cable
Colour Rendering Index CRI	= 82
Optimum mounting height	2 m
Detection angle	360 °
Product category	Sensor-switched LED outdoor light

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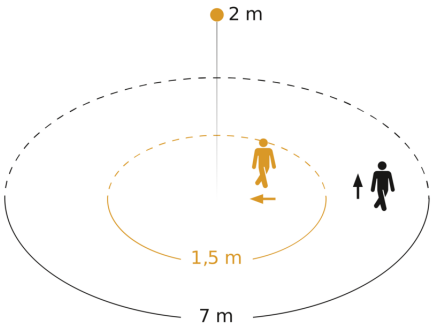
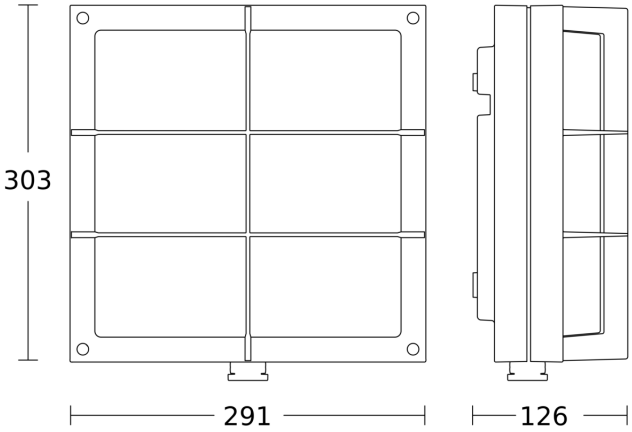
Detection Zone

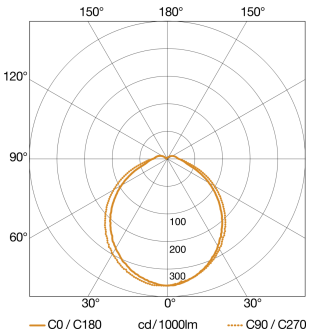


Possible mounting height: 1,80 m – 2,50 m
Orange: radial
Black: tangential

Dimension Drawing

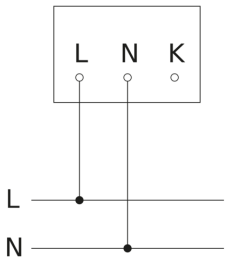


Light Distribution Curve



Output	8,5 W
With lamp	Yes, STEINEL LED system
Lamp	LED cannot be replaced
Measured luminos flux (360°)	576 lm
Colour temperature	3000 K
Colour Rendering Index	= 82
LED cooling system	Passive Thermo Control

Circuit diagram



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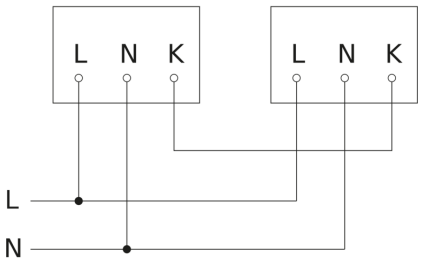
Master/master interconnection circuit diagram