

# LS 300 S black

SENSOR-SWITCHED LED FLOODLIGHT

neva  
lux

EAN 4007841067571

- Spotlight with motion detector with robust aluminium spotlight head and optimum light diffusion thanks to ceramic reflector
- Never change bulbs again thanks to 50,000 hours LED life (approx. 30 years at 4.5 hours/day)
- Automatic light thanks to 240 ° Infrared sensor with up to 12 m detection of movement
- Spotlight head can be swivelled horizontally by 80° and vertically by 150°, sensor can be swivelled horizontally by 160°, incl. covers for exact adjustment of the detection area
- Neutral white light (4000 K) and long-life 29,5 W LEDs with 2704 lm, with an illumination of over 300 sqm, max. 4m mounting height
- Incl. mounting accessories - plastic-free packaging

186 x 213 x 241 mm



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Technical Data

|                            |                                |                                     |                         |                               |                                                      |
|----------------------------|--------------------------------|-------------------------------------|-------------------------|-------------------------------|------------------------------------------------------|
| IDENTIFICATION             |                                |                                     |                         | SETTINGS                      |                                                      |
| PU1 EAN                    | 4007841067571                  | Electronic scalability              | No                      | Twilight switch               | Yes                                                  |
| Material number            | 110075556                      | Mechanical scalability              | No                      | Twilight setting              | 2 – 1000 lx                                          |
| SAP designation            | LED STRAHLER LS 300 S SW       | Radial range                        | r = 3.5 m (26 m²)       | Time setting                  | 10 s – 15 Min.                                       |
| Product name data sheet    | LS 300 S black                 | Tangential range                    | r = 12 m (302 m²)       | Base light function           | No                                                   |
| Product category           | Sensor-switched LED floodlight | Mounting height                     | 1,8 – 4,00 m            | Settings via                  | Potentiometers                                       |
| Discount group             | SH                             | Optimal mounting height             | 2 m                     | HOUSING & MATERIAL            |                                                      |
| Source                     | Steinel Excel                  | Nevalux sensor technology           | On / Off                | Impact resistance             | IK03                                                 |
| Product status             | Normal                         | CONNECTIVITY                        |                         | Protection class (IP)         | IP44                                                 |
| Manufacturer               | Steinel                        | Networking                          | No                      | Protection class              | I                                                    |
| DIMENSIONS                 |                                | LIGHTING TECHNOLOGY                 |                         | Ambient temperature           | from -10 up to 30 °C                                 |
| Dimensions L × W × H       | 186 x 213 x 241 mm             | Measured luminous flux 360°         | 2962 lm                 | Housing material              | Aluminium                                            |
| PU1 net weight             | 1.24                           | Colour temperature                  | 4000 K                  | Cover material                | Glass transparent                                    |
| ELECTRICAL                 |                                | LED colour deviation                | SDCM3                   | Mounting location             | wall                                                 |
| Mains connection           | 220 – 240 V / 50 – 60 Hz       | Colour rendering index              | 80-89                   | Application location          | Outdoors                                             |
| Power                      | 29,5 W                         | With illuminant                     | Yes, STEINEL LED system | Mounting type                 | Surface wiring                                       |
| Own consumption            | 30,4 W                         | Illuminant                          | LED cannot be replaced  | Application room              | outdoors all round the building courtyard & driveway |
| SENSOR TECHNOLOGY          |                                | Base                                | without                 | COLOUR                        |                                                      |
| Max. mounting height       | 4,00 m                         | LED cooling system                  | Passive Thermo Control  | Colour                        | black                                                |
| Sensor technology          | passive infrared               | Soft light start                    | No                      | SCOPE OF DELIVERY & WARRANTY  |                                                      |
| With motion detector       | Yes                            | Photobiological safety per EN 62471 | RG1                     | Manufacturer warranty         | 3 years                                              |
| Detection angle            | 240 °                          | LIFETIME                            |                         | Corner wall bracket included  | No                                                   |
| Opening angle              | 180 °                          | LED lifetime max. °C                | 50000 h                 | CERTIFICATES & EPREL          |                                                      |
| Sneak-under protection     | Yes                            | LED lifetime L70B50 25°C            | > 36000 h               | EPREL energy efficiency class | F                                                    |
| Segment-by-segment masking | Yes                            | Luminous flux decline per LM80      | L70B10                  | EPREL category                | Light source                                         |

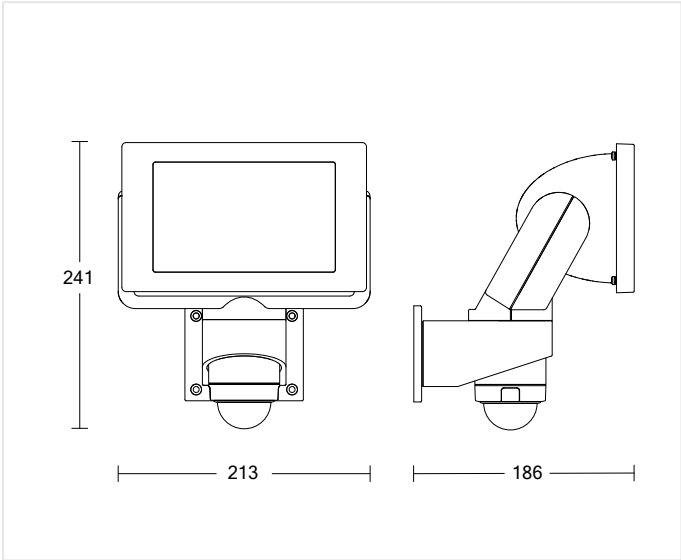
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Illustrations

TECHNICAL DRAWINGS



186 x 213 x 241 mm

MOUNTING HEIGHT

|                         |                |               |
|-------------------------|----------------|---------------|
| 1,8 – 4,00 m<br>BEREICH | 2 m<br>OPTIMAL | 4,00 m<br>MAX |
|-------------------------|----------------|---------------|

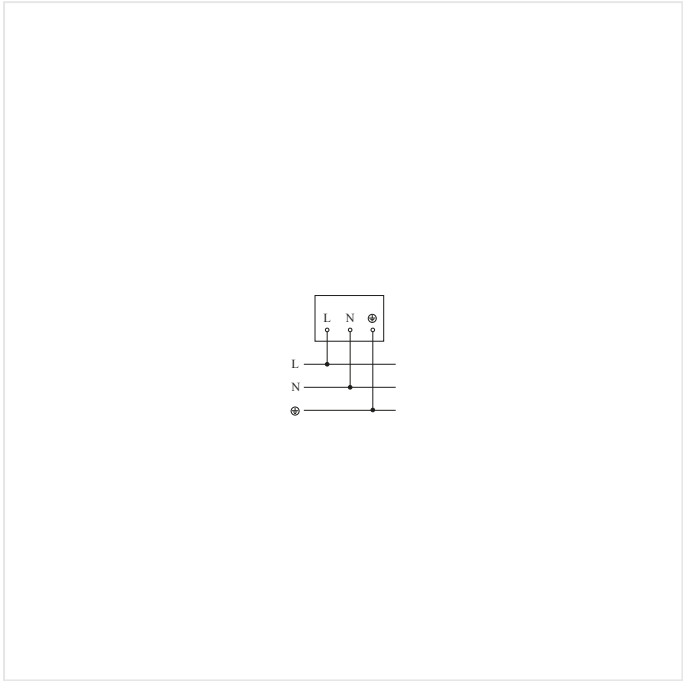
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Wiring Diagrams

WIRING DIAGRAM 1



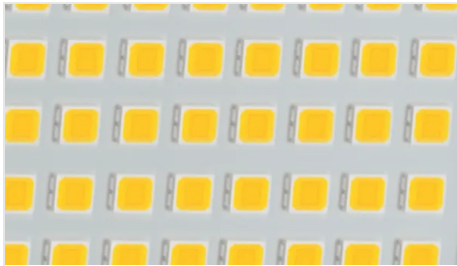
Circuit diagram

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## Highlights



Including STEINEL LED system



UV-resistant plastic



Colour rendering index Ra  $\geq$ 80

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Accessories

|                                                                                                                                         |                |
|-----------------------------------------------------------------------------------------------------------------------------------------|----------------|
| ORDERING INFORMATION                                                                                                                    |                |
| Art.-Nr.                                                                                                                                | 067571         |
| EAN                                                                                                                                     | 4007841067571  |
| Typ                                                                                                                                     | LS 300 S black |
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