Turn light into a profit opportunity – with flood lamps and spot lamps from Bosch
When you need to turn night into day:
Flood lamps and spot lamps from Bosch

Anyone who has to work on vehicles at night or in poor daytime lighting conditions needs extra illumination of their working area. Standard sources of light are in no way adequate.

The right lamps for every application
Bosch supplies a wide range of different flood lamps and spot lamps to suit every purpose. Flood lamps are used in situations requiring a broad light beam for uniform illumination of a large area. By contrast, spot lamps provide a narrow beam of light for the concentrated illumination of a smaller, more distant area.

Flood lamps and spot lamps feature a compact construction, which enables them to be easily mounted at various positions on a vehicle. They also offer impressive flexibility: They can be swiveled to numerous positions and securely fixed at every point.

Guaranteed durability:
- Practical tests using stringent test conditions ensure a long service life
- Reliable protection against moisture, dirt and corrosion thanks to stainless steel housing or resicoat coatings

Top quality makes light of hard work
Many years’ experience, continuous testing and strict production controls guarantee the premium quality of all flood lamps and spot lamps from Bosch. Outstanding quality features:
- High light yield thanks to reflects with a surface accuracy of 1/10,000 mm, ground using a special reflection method and smoothed by multiple lacquer coats
- Exceptionally vibration resistant and durable designs for tough applications
- Easy service construction for uncomplicated replacement of bulbs
- Vibration-damped versions available
- Splash-proof design

The right lamp for every job

Flood lamps

Spot lamps
Attachment examples:
Optimum illumination for every application

Bosch supplies a wide range of different lamp models. The sturdy attachment mechanism allows a variety of positions to suit different vehicle models and types. Extremely flexible angular adjustment to the front, rear and sides adds yet more application potential.

Commercial vehicles / semi-trailer tractors
Forestry machines
Fork-lift trucks
Wheel loaders / excavators
Tractors
Combine harvesters
A big safety boost: LED lamps from Bosch

Anyone who has ever worked at night or in poor lighting conditions knows how important good lighting is. Particularly in automotive engineering, LED technology opens up totally new horizons in providing more targeted and efficient lighting. For example, Bosch has developed the new LED 135 flood lamp and spot lamp. Even better visibility, enhanced safety and added convenience.

Tailored to your requirements
Bosch LED flood lamps deliver a broad and uniformly distributed light cone in the close-up range; Bosch LED spot lamps, meanwhile, provide a directed beam of concentrated bright light. Both feature a color temperature similar to daylight, easing the strain on the eyes and ensuring a pleasant working atmosphere.

Low power consumption
Bosch LED flood lamps feature minimal energy consumption. This is particularly beneficial where the alternator only provides a small amount of power or, for example on electric fork-lift trucks or special purpose vehicles, where a battery supplies the power.

Long service life and zero maintenance
Flood lamps often need to be used throughout the night. This would place huge demands on any lamps based on conventional technology. LED flood lamps from Bosch can comfortably cope with continuous use. They offer an impressively long service life thanks to the low power consumption and the small amount of heat generated. They are also maintenance free, which means that there is no need for troublesome bulb changes.

For the toughest conditions
Flood lamps and spot lamps need to be able to withstand plenty of punishment in day-to-day use, which is why Bosch makes them exceptionally durable. The housing, attachments and supply lines feature high quality materials and painstaking workmanship. Bosch LED lamps also have another technical advantage: Their LEDs are much less sensitive, particularly to vibrations, than conventional bulbs. This durability also includes all of the electronics used in the Bosch LED lamps. By choosing Bosch, you can count on exceptional reliability and a long service life.
LED 135
Flood and spot lamps

The Bosch LED 135 offers more than just superb light yield. The long service life of the entire lamp and its low power consumption make it the ideal working solution wherever there are stringent requirements in terms of additional lighting. The flood lamp has six high powered LEDs, the spot lamp seven (740 or 1,020 lumens). Available in 12 or 24 Volt versions. Protection category IP67.

Lamp housing
- Aluminum
- Dimensions: 80 mm x 135 mm x 72 mm

Attachment
- Upright or suspended options available

Mounting
- With swivel type forked holder for mounting on body or bumper
- Stud M 10

Electrical connection
- Cable connection

Package includes
- Individual packaging: 1 lamp including mounting parts

➊ LED 135 flood lamp
LED 135 12/24 V 0 986 310 960

➋ LED 135 spot lamp
LED 135 12/24 V 0 986 310 961
Pilot X (Xenon)
Flood lamp

The most compact Xenon flood lamp of its type is now available with even more power: 45 Watt of Xenon light similar to daylight. Around 2.5x more light yield than halogen bulbs, around 1/3 lower energy consumption and a longer service life. Integrated D1-type control unit. EMC tested. Protection category IP4K.

Lamp housing
- Glassfiber reinforced plastic
- With corrosion protection
- Dimensions: 120 mm x 120 mm x 130 mm

Attachment
- Upright or suspended options available

Mounting
- Swivel type, corrosion resistant M 10 studs
- Swivel range: 20° to front, 30° to rear, 360° to side
- Longitudinal adjustment range 6 cm

Electrical connection
- Connector: 15 cm, movable

Package includes
- D1S lamp, igniter and control unit, fully assembled, ready to connect

Flood lamp Pilot X
Pilot X 12 V / 45 W 0 986 310 678
Pilot X 24 V / 45 W 0 986 310 677
Pilot X 12 V / 35 W 0 986 310 676
Pilot X 24 V / 35 W 0 986 310 675

Replacement parts
Control unit 12 V / 45 W 0 986 310 213
Control unit 24 V / 45 W 0 986 310 212
Control unit 12 V / 35 W 0 986 310 211
Control unit 24 V / 35 W 0 986 310 209
Reflector 1 987 305 079
Lens including O-ring 1 987 305 108
Cable 1000 mm, blue 1 987 305 109

Type of bulb
D1S 12/24 V / 45 W/35 W 1 987 302 905

Flood lamp, 45 W

Flood lamp, 35 W
Pilot 100 (Halogen)
Flood and spot lamps

Halogen technology offers impressive value for money. The Pilot lamps have a compact design and a huge range of possible applications. Suitable for use as a flood or spot lamp depending on application. For 12 V with 55 W output or 24 V with 70 W available in protection category IP4K and IP6K9K.

Lamp housing
- Glassfiber reinforced plastic
- Dimensions: 147 mm x 128 mm x 107 mm

Attachment
- Upright

Mounting
- Stainless steel bracket
- With swivel type forked holder for mounting on body or bumper, M 10 studs

Electrical connection
- Cable connection

Package includes
- Individual packaging: 1 lamp including mounting parts

Pilot 100 flood lamp
Pilot 100 12 V IP4K 0 986 310 930
Pilot 100 12 V IP6K9K 0 986 310 932

Pilot 100 spot lamp
Pilot 100 12 V IP4K 0 986 310 931
Pilot 100 12 V IP6K9K 0 986 310 933

Flood lamp

Spot lamp
Pilot 135 (Halogen)
Flood and spot lamps

For everyone who needs plenty of light but doesn’t have much space for auxiliary lamps. Available in single beam and double beam designs, i.e. with one or two light sources. Choice of flood lamp with broad light cone or spot lamp with narrow light cone and a longer range. For 12 V with 55 W output or 24 V with 70 W. Protection category IP6K9K.

Lamp housing
- Glassfiber reinforced plastic
- Dimensions: 128 mm x 162 mm x 80 mm

Attachment
- Upright

Mounting
- With swivel type forked holder for mounting on body or bumper, M 10 studs

Electrical connection
- Cable connection

Package includes
- Individual packaging: 1 lamp including mounting parts

Pilot 135 flood lamp
- Pilot 135 Single Beam 0 986 310 936
- Pilot 135 Double Beam 0 986 310 938

Pilot 135 spot lamp
- Pilot 135 Single Beam 0 986 310 937
- Pilot 135 Double Beam 0 986 310 939

Type of bulb
- H3 12 V/55 W 1 987 302 031
- H3 24 V/70 W 1 987 302 431

Flood lamp

Spot lamp
Pilot 155 (Halogen)
Flood and spot lamps

Ideal for anyone with special requirements for their flood or spot lamps. Available in single beam and double beam designs, i.e. with one or two light sources. For 12 V with 55 W output or 24 V with 70 W. Protection category IP6K9K.

Lamp housing
- Glassfiber reinforced plastic
- Dimensions: 121 mm x 174 mm x 83 mm

Attachment
- Upright

Mounting
- With swivel type forked holder for mounting on body or bumper, M 10 studs

Electrical connection
- Cable connection

Package includes
- Individual packaging:
  1 lamp including mounting parts

Pilot 155 flood lamp
Pilot 155 0 986 310 934

Pilot 155 spot lamp
Pilot 155 0 986 310 935

Type of bulb
H3 12 V / 55 W 1 987 302 031
H3 24 V / 70 W 1 987 302 431
COMPACT 100
Flood lamp


Lamp housing
- Glassfiber reinforced plastic
- Matt black, impact resistant, shatter proof and corrosion resistant surface
- Dimensions: 117 mm x 106 mm x 61.2 mm

Attachment
- Choice of upright, suspended or side attachment (90° offset in each case)

Mounting
- Swivel type forked holder and M 10 studs

Electrical connection
- Two-pole
- Blade terminals
- Wire entry through integrated rubber grommet

Package includes
- Individual packaging: 1 lamp including mounting parts
- Please order halogen H3 bulb separately

Flood lamp COMPACT 100
COMPACT 100 0 306 055 101

Replacement parts
Lamp unit 1 305 300 928

Type of bulb
H3 12 V/55 W 1 987 302 031
**COMPACT 100 Leisure**

**Flood lamp**

Flood lamp with magnetic mount, 3.5 m helical cable and universal motor vehicle connector. Ideal for hobby and leisure time activities, for breakdowns and for performing work.

**Lamp housing**
- Glassfiber reinforced plastic
- Matt black, impact resistant, shatter proof and corrosion resistant surface
- Dimensions: 133 mm x 106 mm x 61,2 mm

**Attachment**
- Choice of upright, suspended or side attachment (90° offset in each case)

**Mounting**
- Magnet Ø 71 mm, 90° swivel action

**Electrical connection**
- Wire 2 x 0.75 m, straight length 3.50 m
- 2-pin connector for DIN ISO 4165 socket and cigarette lighter socket

**Package includes**
- Individual self-service packaging, 1 lamp including halogen H3 bulb 12 V/35 W
- Magnet
- Assembled
- Ready for operation

**Flood lamp COMPACT 100 Leisure**

<table>
<thead>
<tr>
<th>Replacement parts</th>
<th><strong>COMPACT 100 Leisure</strong></th>
<th><strong>0 306 055 102</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp unit</td>
<td></td>
<td>1 305 300 928</td>
</tr>
</tbody>
</table>

**Type of bulb**

H3 12 V/35 W
Flood lamp in steel design with handle and switch.

Lamp housing
- Steel, black Resicoat finish, scratch proof and corrosion resistant
- Dimensions: 175 mm x 132 mm x 114 mm

Attachment
- Upright

Mounting
- Swivel type, corrosion resistant
- Mounting bracket with 4 holes for bolts M 6
- Swivel range: 29° to front, 29° to rear, 315° to side

Electrical connection
- Single-pole (separate ground connection provided)
- Screw connection
- Wire entry through rubber grommet

Flood lamp 105
With handle and switch 0 306 181 009

Replacement parts
- Lens 1 305 600 030
- Sealing gasket 1 300 212 010

Type of bulb
- F2 BA20s 12 V/35 W
- F2 BA20s 24 V/35 W
Vibration resistant flood lamp for use on commercial vehicles, with variable attachment options.

**Lamp housing**
- Steel, black Resicoat finish, scratch proof and corrosion resistant
- Dimensions: 195 mm x 153 mm x 147 mm

**Lamp insert**
- Reflector with lens glued-on watertight
- Mounted in lamp housing with rubber ring for vibration damping

**Attachment**
- Choice of upright, suspended or side attachment

**Mounting**
- Swivel type, corrosion resistant
  - M 12 studs
  - Swivel range: 6° to front, 45° to rear, 360° to side

**Electrical connection**
- Single-pole
- Blade terminal
- Wire entry through rubber grommet

**Flood lamp Kiruna 140**
Kiruna 140 0 306 382 001

**Replacement parts**

<table>
<thead>
<tr>
<th>Part</th>
<th>Code</th>
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<tbody>
<tr>
<td>Lamp unit</td>
<td>1 305 302 021</td>
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<tr>
<td>Sealing gasket</td>
<td>1 301 015 115</td>
</tr>
<tr>
<td>Housing with sealing gasket</td>
<td>1 305 122 901</td>
</tr>
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</table>

**Type of bulb**

<table>
<thead>
<tr>
<th>Bulb Type</th>
<th>Code</th>
</tr>
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<tbody>
<tr>
<td>H1 12 V/55 W</td>
<td>1 987 302 011</td>
</tr>
<tr>
<td>H1 12 V/100 W</td>
<td>1 987 302 016</td>
</tr>
<tr>
<td>H1 24 V/70 W</td>
<td>1 987 302 411</td>
</tr>
</tbody>
</table>
For use on commercial vehicles. Extremely waterproof flood lamp, available with optional practical handle and guard. Spot lamp version with handle and guard.

**Lamp housing**
- Glassfiber reinforced plastic
- Matt black, impact resistant, corrosion resistant and shatter proof surface
- Dimensions: 255 mm x 148 mm x 87 mm

**Attachment**
- Upright or suspended options available

**Mounting**
- Swivel type corrosion resistant mounting bracket with 4 holes for bolts M 6
- Swivel range: 30° to front, 110° to rear, 360° to side

**Electrical connection**
- Two-pole
- Blade terminals
- Wire entry through splash water proof rubber grommet

**Flood lamp Pilot 140**
- Without handle, without guard
- Without handle, without guard, Circular beam aperture
- With handle and guard

**Accessories (to be ordered separately)**
- Guard without handle (for ...001)

**Replacement parts**
- Lamp unit
- Hinged grommet
- Mounting bracket

**Spot lamp Pilot 140**
- With handle and guard

**Type of bulb**
- H3 12 V/55 W: 1 987 302 031
- H3 24 V/70 W: 1 987 302 431

**Replacement parts**
- Lamp unit: 1 305 301 917
- Hinged grommet: 1 300 312 010
- Mounting bracket: 1 307 022 236

**Type of bulb**
- H3 12 V/55 W: 1 987 302 031
- H3 24 V/70 W: 1 987 302 431
**Pilot 145**

**Flood lamp**

Versatile flood lamp for a wide variety of applications. Optionally with or without handle.

**Lamp housing**
- Glassfiber reinforced plastic
- Matt black, impact resistant, corrosion resistant and shatter proof surface
- Dimensions: 203 mm x 177 mm x 83 mm

**Attachment**
- Option of upright or suspended

**Mounting**
- Swivel type, corrosion resistant mounting bracket with 4 holes for M 6 bolts or swivel type, corrosion resistant M 10 studs
- Swivel range: 30° to front, 110° to rear, 360° to side

**Electrical connection**
- Two-pole
- Blade terminals
- Wire entry through splash water proof rubber grommet

**Pilot 145 Flood lamp**
- With mounting bracket 0 306 482 001
- Without mounting bracket 0 306 482 010
- With handle, frame and mounting bracket 0 306 482 003

**Replacement parts**
- Lamp unit 1 305 354 911
- Hinged grommet 1 300 312 010
- Guard 1 305 540 011

**Type of bulb**
- H3 12 V / 55 W 1 987 302 031
- H3 24 V / 70 W 1 987 302 431
Pilot 150
Flood lamp

General purpose flood lamp. Extremely homogeneous light distribution. With or without swivel type mounting bracket for flexible installation.

Lamp housing
- Glassfiber reinforced plastic
- Matt black surface
- Dimensions: 112 mm x 177 mm x 62 mm
  138 mm x 177 mm x 62 mm

Attachment
- Upright or suspended options available

Mounting
- With swivel type forked holder for mounting on body or bumper
- Swivel range: 80° to front, 95° to rear, 360° to side

Electrical connection
- Blade terminal and socket

Flood lamp Pilot 150
Pilot 150 0 306 484 001

Replacement parts
- Lamp unit 1 305 354 911
- Holder for lamp unit 1 301 091 002

Type of bulb
- H3 12 V/55 W 1 987 302 031
- H3 24 V/70 W 1 987 302 431

Flood lamp Pilot 150 with mounting bracket
Pilot 150 with mounting bracket 0 306 484 002

Replacement parts
- Lamp unit 1 305 354 911
- Holder for lamp unit 1 301 091 002
- Mounting bracket 1 307 022 236
- Guard 1 305 540 165

Type of bulb
- H3 12 V/55 W 1 987 302 031
- H3 24 V/70 W 1 987 302 431
Flood lamp with mounting bracket for flexible installation. Universal application range. Extremely homogeneous light distribution.

Lamp housing
- Glassfiber reinforced plastic
- Matt black surface
- Dimensions: 211 mm x 160 mm x 60 mm

Attachment
- Option of upright or suspended

Mounting
- With swivel type forked holder for mounting on body or bumper
- Swivel range: 25° to front, 95° to rear, 360° to side

Electrical connection
- Cable entry through grommet for single wires

Pilot 160 flood lamp
Pilot 160 0 306 680 001

Replacement parts
- Holder for lamp unit 1 301 091 004
- Mounting bracket 1 307 022 236

Type of bulb
- H3 12 V/55 W 1 987 302 031
- H3 24 V/70 W 1 987 302 431
Specially designed for confined spaces and all purposes.

Lamp housing
- Plastic, matt black
- Plastic reflector
- Dimensions: 83 mm x 140 mm x 73 mm

Attachment
- Choice of upright or suspended on horizontal, vertical or angled surfaces

Mounting
- With adjustable, corrosion resistant mounting bracket (2 brackets supplied)

Electrical connection
- Single-pole
- Blade terminal
- Wire entry through splash water proof rubber grommet

Flood lamp 140 x 65
140 x 65  0 306 483 001

Replacement parts
Lens  1 305 620 054

Type of bulb
P21W 12 V/21 W  1 987 302 201
P21W 24 V/21 W  1 987 302 501

Attachment examples

Flood lamp
Touring 140
Flood and spot lamps

With switch and handle for convenient regulation of swivel range.

Lamp housing
- Steel, black Resicoat finish, scratch proof and corrosion resistant
- Dimensions: 230 mm x 148 mm x 70 mm

Attachment
- Upright

Mounting
- Swivel type, corrosion resistant mounting bracket with 4 holes for M 6 bolts
- Swivel range: 60° to front, 120° to rear, 360° to side

Electrical connection
- Single-pole (separate ground connection provided)
- Blade terminals
- Wire entry through splash water proof rubber grommet

Flood lamp Touring 140
With handle and switch 0 306 480 002

Replacement parts
- Lamp unit 1 305 301 918
- Mounting bracket 1 307 022 236

Type of bulb
- H3 12 V / 55 W 1 987 302 031
- H3 24 V / 70 W 1 987 302 431

Spot lamp Touring 140
With handle and switch 0 306 480 001

Replacement parts
- Lamp unit 1 305 301 917
- Mounting bracket 1 307 022 236

Type of bulb
- H3 12 V / 55 W 1 987 302 031
- H3 24 V / 70 W 1 987 302 431
Touring 190
Flood and spot lamps

With or without handle and switch.

Lamp housing
▶ Steel, black Resicoat finish, scratch proof and corrosion resistant
▶ Dimensions: 262 mm x 206 mm x 103 mm

Lamp insert
▶ Colorless lens with waterproof bonding to reflector

Attachment
▶ Upright or suspended options available

Mounting
▶ Swivel type corrosion resistant
▶ mounting bracket with 4 holes for bolts M 6
▶ Swivel range: 65° to front, 90° to rear, 360° to side

Electrical connection
▶ Single-pole (separate ground connection provided)
▶ Blade terminals
▶ Wire entry through splash water proof rubber grommet

Flood lamp Touring 190
With handle and switch 0 306 980 002
Without handle, without switch 0 306 980 003

Replacement parts
Lamp unit for 0 306 980 002/003 1 305 313 935
Mounting bracket 1 307 022 236

Type of bulb
H3 12 V/55 W 1 987 302 031
H3 12 V/100 W 1 987 302 036
H3 24 V/70 W 1 987 302 431

Spot lamp Touring 190 with illumination of surrounding area
With handle and switch 0 306 980 004

Replacement parts
Lamp unit for 0 306 980 004 1 305 313 937
Mounting bracket 1 307 022 236

Type of bulb
H3 12 V/55 W 1 987 302 031
H3 12 V/100 W 1 987 302 036
H3 24 V/70 W 1 987 302 431
**Profi 210**

Flood lamp

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**Extremely robust with impact-resistant plastic guard. Optionally with handle and switch.**

**Lamp housing**
- Steel, black Resicoat finish, scratch proof and corrosion resistant
- Glass fiber reinforced plastic outer rim and guard, matt black
- Impact resistant and shatter proof
- Dimensions: 250 mm x 243 mm x 132 mm

**Lamp insert**
- Colorless lens with waterproof bonding to reflector

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**Attachment**
- Upright or suspended options available

**Mounting**
- Swivel type, corrosion resistant mounting bracket with 4 holes for M 6 bolts
- Swivel range: 40° to front, 75° to rear, 360° to side

**Electrical connection**
- Single-pole (separate ground connection provided)
- Blade terminals
- Wire entry through splash water proof rubber grommet

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**Flood lamp Profi 210 with guard**

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
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<tbody>
<tr>
<td>With handle and switch</td>
<td>0 306 080 002</td>
</tr>
<tr>
<td>Without handle, without switch</td>
<td>0 306 080 003</td>
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**Replacement parts**

<table>
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<tr>
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<tr>
<td>Guard</td>
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<tr>
<td>Mounting bracket</td>
<td>1 307 022 236</td>
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**Type of bulb**

<table>
<thead>
<tr>
<th>Type of bulb</th>
<th>Code</th>
</tr>
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<tr>
<td>H3 12 V / 55 W</td>
<td>1 987 302 031</td>
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<tr>
<td>H3 12 V / 100 W</td>
<td>1 987 302 036</td>
</tr>
<tr>
<td>H3 24 V / 70 W</td>
<td>1 987 302 431</td>
</tr>
</tbody>
</table>
The attachment height and tilt angle are the critical parameters for obtaining optimum illumination with a flood lamp. The greatest area of illumination can be achieved with a small tilt angle (approx. 5°) and a high attachment position (approx. 2.5 m). Individual settings can be made to suit the relevant application.

**Ideal illumination:**

**Practical hints**

The structure of IP degrees of protection is as follows:

<table>
<thead>
<tr>
<th>1st figure and supplementary K</th>
<th>Protection of electrical equipment against ingress</th>
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<tbody>
<tr>
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<td>Not protected</td>
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<tr>
<td>1</td>
<td>Protection against foreign matter Ø ≥ 50 mm</td>
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<td>2</td>
<td>Protection against foreign matter Ø ≥ 12,5 mm</td>
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<tr>
<td>3</td>
<td>Protection against foreign matter Ø ≥ 2,5 mm</td>
</tr>
<tr>
<td>4</td>
<td>Protection against foreign matter Ø ≥ 1,0 mm</td>
</tr>
<tr>
<td>5K</td>
<td>Dust protected</td>
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<tr>
<td>6K</td>
<td>Dust proof</td>
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<tr>
<td>1</td>
<td>Protection against vertical drops</td>
</tr>
<tr>
<td>2</td>
<td>Protection against drops from 15° angle</td>
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<tr>
<td>3</td>
<td>Protection against sprayed water</td>
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<tr>
<td>4</td>
<td>Protection against splash water</td>
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<tr>
<td>4K</td>
<td>Protection against splash water with increased pressure</td>
</tr>
<tr>
<td>5</td>
<td>Protection against water jets</td>
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<tr>
<td>6</td>
<td>Protection against strong water jets</td>
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<tr>
<td>6K</td>
<td>Protection against strong water jets with increased pressure</td>
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<td>7</td>
<td>Protection against temporary immersion</td>
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<td>9</td>
<td>Protection against temporary submersion</td>
</tr>
<tr>
<td>9K</td>
<td>Protection against high pressure / vapor pressure cleaning</td>
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</table>
Legal provisions
The applicable national regulations must always be heeded when using flood and spot lamps. Below are some examples from German road traffic regulations:

- Multi-track vehicles more than 3.5 t, machinery and agricultural or forestry tractors may be fitted with one or more flood or spot lamps.

- On public roads, it is not permissible to use flood or spot lamps whilst driving, only whilst the vehicle is stationary, e.g. for loading and unloading.

- It is only permissible to make use of flood and spot lamps whilst driving if this forms part of the work being performed. This may be applicable in the case of road construction, maintenance or cleaning vehicles, or waste disposal vehicles.

- It is only permissible to switch on flood and spot lamps if there is no risk of dazzling other road users. Additional stipulation: It must be possible to switch on all flood and spot lamps independently of other lights.

Outstandingly versatile
All Bosch flood and spot lamps can be used for any purpose.

Flood lamps and spot lamps from Bosch: Safety comes as standard

Flood and spot lamps have a lot to contend with in day-to-day use. Whether they are on the roads on commercial vehicles, in municipal services, on emergency vehicles or off highway on construction machines, in agriculture or forestry or in special applications such as shipping. Bosch flood and spot lamps have an exceptionally durable design and are manufactured with painstaking care.
Bosch: Lighting technology for optimum visibility and safety

Bosch has the answer to any lighting questions on vehicles: Featuring reliable technology and an attractive design for any situations or requirements. And, of course, with premium Bosch quality, strength and high performance.

The complete Bosch lighting range:
- Main headlamps
- Tail lamps
- Auxiliary lamps
- Flood and spot lamps
- Rotating beacons
- Vehicle bulbs

Efficient diagnostics and innovative workshop equipment, technical advice and expert training, rapid delivery service and the world’s largest range of new and reconditioned spare parts – all under one roof. Diagnostics and parts: Only from Bosch.

For more information visit:
www.bosch.com