

febiTruck



LED WORK LIGHTS
FROM febi

SOLUTIONS MADE IN GERMANY

bilsteingroup®

SOLUTIONS

MADE IN GERMANY

Ferdinand Bilstein is one of the world's leading suppliers and manufacturers of repair solutions for commercial vehicles and passenger cars.

The company has been producing spare parts for trucks, trailers, semi-trailers, and buses since 1951. Thanks to the extensive product portfolio created by a team of experienced sales staff and product managers, the Truck division of Ferdinand Bilstein is in a position to offer tailor-made solutions for every customer.

EVERYTHING FROM ONE SOURCE

The febi brand is well established in the automotive aftermarket. In the commercial vehicle sector, it has a leading market position in the core competencies of Steering & Suspension, Rubber to Metal and Engine Thermal Management.

With a selection of more than 10,000 spare parts and 21,500 applications, febi Truck ensures the optimum availability of commercial vehicle spare parts for all popular European brands („BIG 7“).

FOCUSING ON OUR CUSTOMERS' INTERESTS

As a reliable partner to the vehicle wholesale and workshops our top priorities are quality assurance and service. At febi, you will only find products of tested OE matching quality.

THE ADDED VALUE OF THE febi BRAND

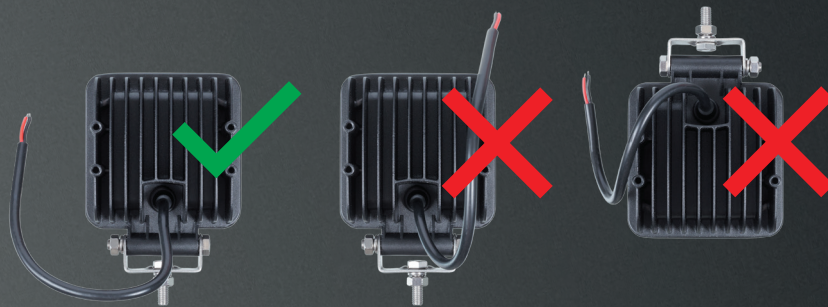
- › OE matching quality
- › Manufacturing expertise since 1844
- › Available in more than 170 countries
- › Repair and service solutions for the trade and workshops



LED WORK LIGHTS

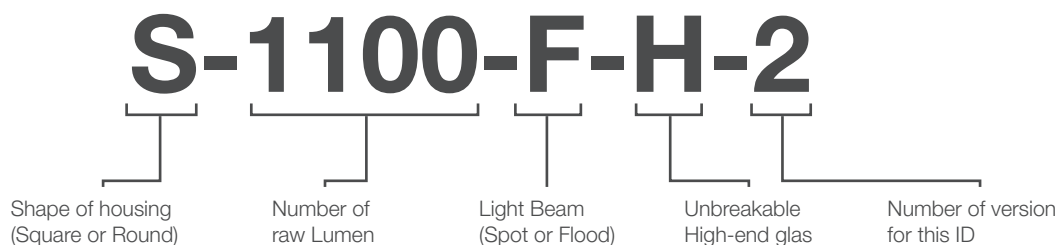
Work lights are commonly installed on commercial vehicles to give additional light for loading or reversing. They vary in size, power, brightness, shape and design, depending on their use. As long as there is an on/off switch, they can be mounted everywhere on the vehicle. There are versions with floodlight, as well as with spot light

Please note: Only mount the working light in an upright position on the vehicle. Leave the cable hanging down with a loop on the headlight before the man guides the cable to the cable junction boxes or collections, to prevent possible ingress of moisture and water along the cable.



FINDING THE RIGHT LIGHT

Finding the right light is not always easy, as they visually differ only slightly. The most important information are normally how bright the work light is and how the light beam is spread. You can find both information in the febi identification (ID) number:



Certain vehicle components are subject to regulations in the European Union including the vehicle lighting. These ECE regulations contain uniform, technical regulations which are relevant for the operating permit of the vehicle. Relevant for the worklights are the following ECE regulations:

ECE R 10 = Electromagnetic compatibility, including EMC regulation

ECE R 23 = Reversing lights

Remark:

- Worklights can be installed as reversing light if they are certified according to the ECE R23.
- It is mandatory to install a switch between the vehicle and the worklight to comply with the regulations.

THE LIGHT BEAM

The light beam of a driving light is controlled by the shape and from of the reflector or the glass. A Spot beam gives a long and narrow light beam. Flood beam gives a light beam similar to the standard light beam but longer and wider.

SPOT

FLOOD



LUMEN

Lumen is a common measurement which is used to compare the strength of the light emitted from a light source.

It measures the flow of the light in every direction. It is measured as raw (out of laboratory) and actual Lumen (from the lamp itself).



4 Lumens



49 Lumens



120 Lumens



255 Lumens

febiTruck – LED Work Lights

febi 104000

S-1100-F



Dimension	108 x 135 x 40
Voltage	9 - 32V
Beam	Flood
Watt	15W
Raw Lumen	1100lm
PI Rating	IP69K
Working Temperature	-40° - +60°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	1,5m
Approvals	EMC, ECE R10

febi 104001

S-1800-F



Dimension	160 x 71 x 64
Voltage	9 - 32V
Beam	Flood
Watt	18W
Raw Lumen	1800lm
PI Rating	IP69K
Working Temperature	-40° - +60°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	1,5m
Approvals	EMC, ECE R10

febi 104002

S-3071-F



Dimension	108 x 135 x 72
Voltage	9 - 32V
Beam	Flood
Watt	48W
Raw Lumen	3071lm
PI Rating	IP69K
Working Temperature	-40° - +60°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	1,5m
Approvals	EMC, ECE R10

febi 104003

S-2200-F



Dimension	108 x 135 x 40
Voltage	9 - 32V
Beam	Flood
Watt	27W
Raw Lumen	2200lm
PI Rating	IP69K
Working Temperature	-40° - +60°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	1,5m
Approvals	EMC, ECE R10

febi 104004

R-1100-F



Dimension	115 x 135 x 36
Voltage	9 - 32V
Beam	Flood
Watt	15W
Raw Lumen	1100lm
PI Rating	IP69K
Working Temperature	-40° - +60°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	1,5m
Approvals	EMC, ECE R10

febi 104005

R-2200-F



Dimension	115 x 135 x 36
Voltage	9 - 32V
Beam	Flood
Watt	27W
Raw Lumen	2200lm
PI Rating	IP69K
Working Temperature	-40° - +60°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	1,5m
Approvals	EMC, ECE R10

febi 104006

R-2700-F



Dimension	117 x 127 x 70
Voltage	9 - 32V
Beam	Flood
Watt	42W
Raw Lumen	2700lm
PI Rating	IP69K
Working Temperature	-40° - +60°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	1,5m
Approvals	EMC, ECE R10

febi 104007

S-800-F



Dimension	50 x 82 x 60
Voltage	9 - 32V
Beam	Flood
Watt	10W
Raw Lumen	800lm
PI Rating	IP69K
Working Temperature	-40° - +60°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	1,5m
Approvals	EMC, ECE R10

febiTruck – LED Work Lights

febi 104009

S-1200-F



Also suitable for recessed installation!

Dimension	122 x 92 x 78
Voltage	9 - 32V
Beam	Flood
Watt	12W
Raw Lumen	1200lm
PI Rating	IP69K
Working Temperature	-40° - +60°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	1,5m
Approvals	EMC, ECE R10

febi 104010

S-2500-F



Dimension	109 x 140 x 70
Voltage	9 - 32V
Beam	Flood
Watt	27W
Raw Lumen	2500lm
PI Rating	IP69K
Working Temperature	-40° - +60°C
Material of lens	PC
Material of housing	Plastik
Cable Length	1,5m
Approvals	EMC, ECE R10

febi 104011

S-1200-F-2



Dimension	110 x 135 x 37
Voltage	10 - 30V
Beam	Flood
Watt	15W
Raw Lumen	1200lm
PI Rating	IP67
Working Temperature	-40° - +50°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	1,5m
Approvals	EMC, ECE R10, R23

febi 104012

S-2000-F



Dimension	109 x 136 x 56
Voltage	10 - 30V
Beam	Flood
Watt	27W
Raw Lumen	2000lm
PI Rating	IP67
Working Temperature	-40° - +50°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	1,5m
Approvals	EMC, ECE R10, R23

febi 104014

S-2160-F-H



Dimension	125 x 147 x 60
Voltage	12-36V
Beam	Flood
Watt	22W
Raw Lumen	2160lm
PI Rating	IP69K
Working Temperature	-30° - +50°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	0,28m
Approvals	EMC, ECE R10

febi 104015

S-720-F-H



Dimension	70 x 102 x 43
Voltage	12 - 36V
Beam	Flood
Watt	8W
Raw Lumen	720lm
PI Rating	IP69K
Working Temperature	-30° - +50°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	0,28m
Approvals	EMC, ECE R10

febi 104016

S-1440-F-H



Dimension	105 x 134 x 62
Voltage	9 - 36V
Beam	Flood
Watt	18W
Raw Lumen	1440lm
PI Rating	IP69K
Working Temperature	-30° - +50°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	0,28m
Approvals	EMC, ECE R10, R23

febi 104017

S-2160-S-H



Dimension	125 x 147 x 60
Voltage	12 - 36V
Beam	Spot
Watt	22W
Raw Lumen	2160lm
PI Rating	IP69K
Working Temperature	-30° - +50°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	0,28m
Approvals	EMC, ECE R10

febiTruck – LED Work Lights

febi 104018

S-800-F-H



Dimension	50 x 78 x 63
Voltage	12 - 36V
Beam	Flood
Watt	14W
Raw Lumen	800lm
PI Rating	IP69K
Working Temperature	-30° - +50°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	0,28m
Approvals	EMC, ECE R10

febi 104019

S-4800-F-H



Dimension	110 x 136 x 66
Voltage	12 - 36V
Beam	Flood
Watt	40W
Raw Lumen	4800lm
PI Rating	IP67
Working Temperature	-30° - +50°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	0,28m
Approvals	EMC, ECE R10

febi 104020

S-2160-F-2

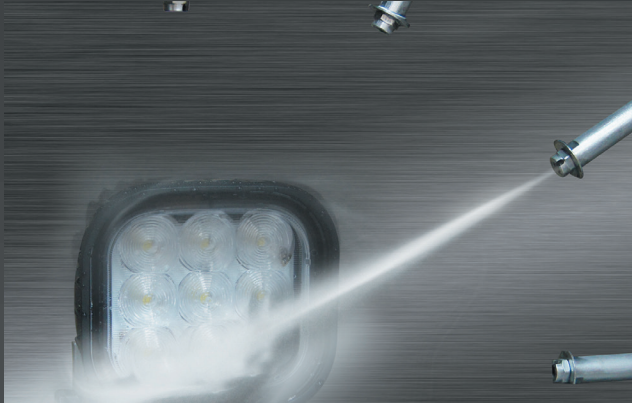


Dimension	123 x 142 x 58
Voltage	12 - 36V
Beam	Flood
Watt	18W
Raw Lumen	2160lm
PI Rating	IP69K
Working Temperature	-30° - +50°C
Material of lens	PC
Material of housing	Aluminium
Cable Length	0,28m
Approvals	EMC, ECE R10, R23

The complete range of febi worklights can be found online at partsfinder.bilsteingroup.com

OUR QUALITY SOLUTION

They approved for the highest demands. They are 100 % inspected to ensure every single lamp can achieve maximum performance.



WATER SPRAY TESTER

The water spray tester simulates real environmental conditions for rain, spray mist and water jets with increased pressure. Additional salt spray tests show the resistances of corrosion on materials and coating.



WATER TESTER

IP67 tested work lights survive the complete immersion in water for at least 30 minutes without being damaged. Additional high temperature water jets compatibility is necessary for the highest protecting rating IP69K, which mainly stands for maximum durability of a work lamp and complies with ISO 20653.



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