



HEAVY  
DUTY  
ACCESSORIES  
RAILWAYS

**Premium** lighting solutions

**ABL**

**Heavy Duty**



**Heavy Duty**

**Work Lights**

p. 10

**Driving Lights**

p. 38

# Premium lighting solutions

**ABL Lights mission is to be a leading manufacturer of on and off road lights to the construction, agriculture, mining, forklift, recreational vehicle, marine and forestry industries.**

**We provide unmatched customer satisfaction by offering the highest quality products, services and solutions to our customers.**

ABL Lights Group is one of the world's leading manufacturers of lights for Heavy Duty, Railway and Accessories. With a dedicated strive to offer the most relevant lighting solution to our customers, we are proud to be recognized as one of the major suppliers of LED, HID (Xenon) and Halogen lighting products to many of world's premier original equipment manufacturer (OEM).

We specialize in supporting the construction, mining, agriculture, forestry, marine and utility vehicle industries, but are also well represented in automotive areas such as trucks, specialized vehicles and railways.

ABL Lights Group consists of three major development and manufacturing facilities, strategically located in USA, Europe and Asia. Each facility has a dedicated staff, eager to support all your needs.

# LED



**Highest efficiency solution for advanced products:**

- highest lifespan
- widest lighting output possibilities
- low power consumption
- safer daylight color

# XENON-HID



**State of the art bulb solution:**

- 10 times halogen lifetime
- more than twice the halogen lighting output
- increased vibration resistance
- similar to daylight color

# HALOGEN



**Professional and cost efficient solution:**

- design to cost
- automotive background
- high temperature resistance
- easy maintenance





## Premium lighting partner

As a partner of major original equipment manufacturers, **ABL Lights Group** has been supplying state of the art lighting solutions for over a century.

Focused on customer satisfaction and dedicated products, we use our advanced expertise to bring the best lighting performances to your machine's professional users all over the world.

Our Premium lighting products are designed to bring you the best performances in taking into account your worst operating conditions.

There are not many lighting problems we cannot solve, ABL Lights leads innovative technical solutions to stay your premium lighting partner.



# ABL

## Accessories p. 46



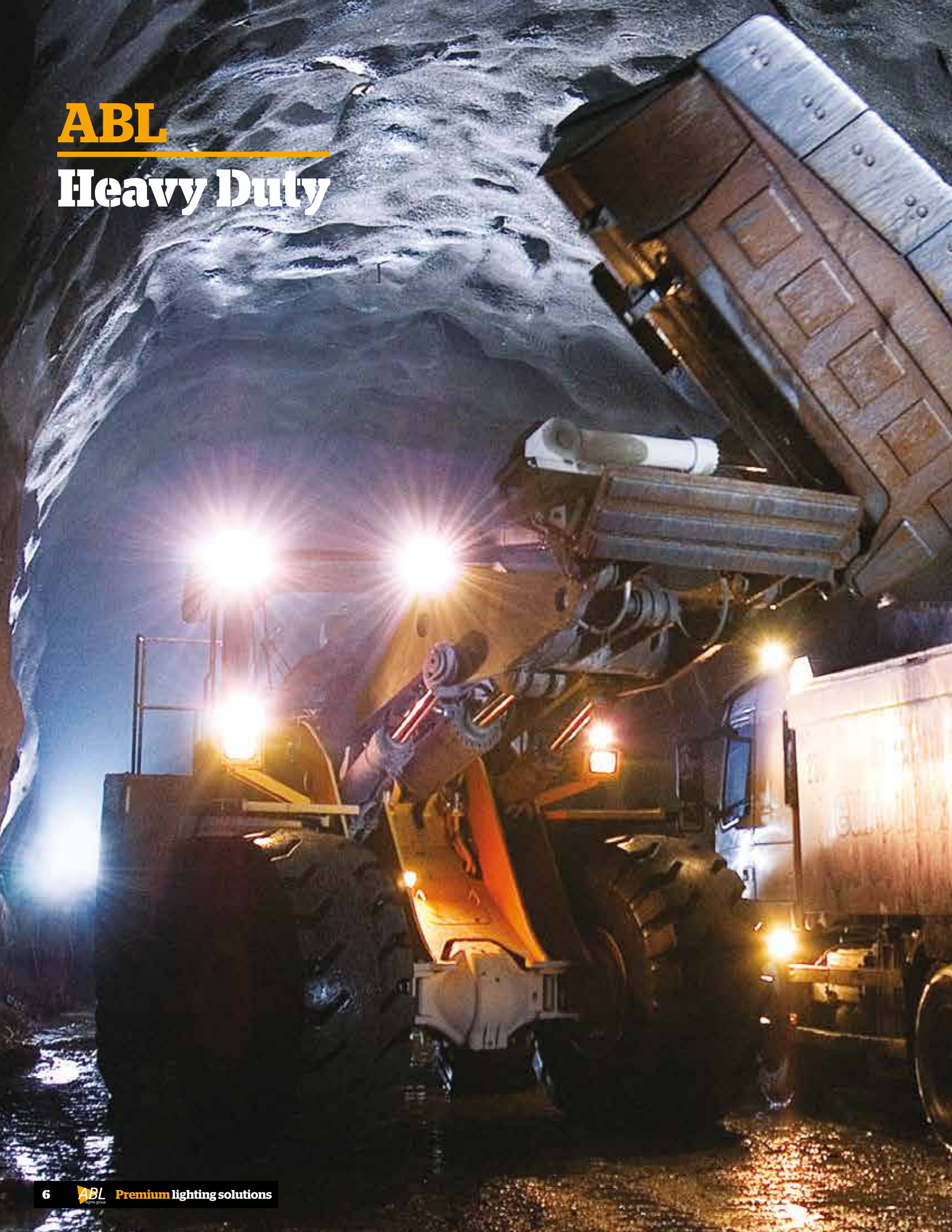
# ABL

## Railways p. 74



**ABL**

**Heavy Duty**





SLP



Square LED



p.11

ABL 500 LED 850



p.12

ABL 500 LED 1200



p.14

ABL 500 LED 2000

Round LED



p.19

ABL 700 LED 850



p.20

ABL 700 LED 3000

My LED



p.16

ABL My LED



p.25

ABL 500 Xenon



p.26

ABL 700 Xenon



p.31

ABL 500 H3



p.32

ABL 700 H3



p.34

ABL 1100 H3



p.39

ABL 3800



p.40

ABL 3005



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ABL 2505





Heavy LED

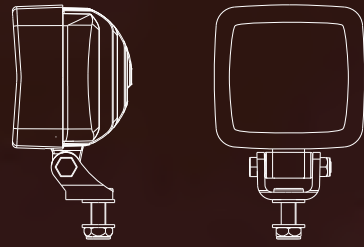


# Heavy Duty - Work Lights

LED range

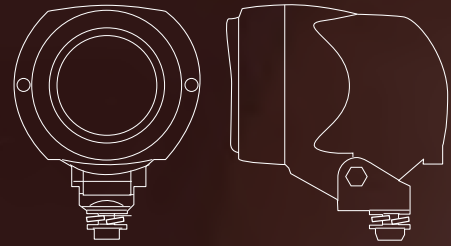
p.10

Signal LED



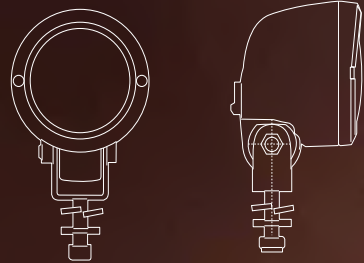
XENON range

p.24



HALOGEN range

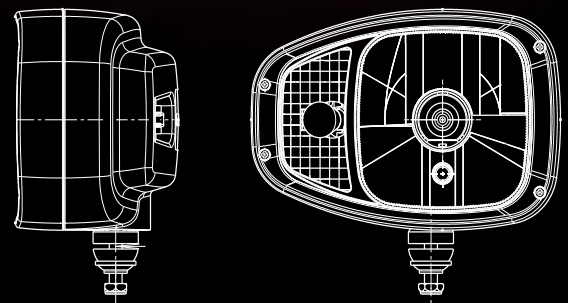
p.30



# Heavy Duty - Driving Lights

Driving Lights range

p.38



# Heavy Duty - Work Lights

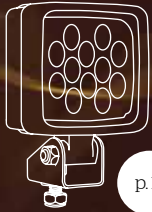
# HEAVY DUTY

Highest efficiency solution for advanced products:

- highest lifespan
- widest lighting output possibilities
- low power consumption
- safer daylight color

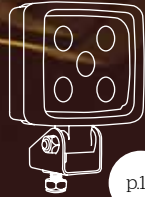
## ABL LED range

Square LED



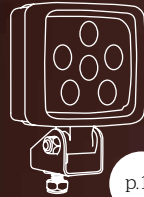
p.11

ABL 500 LED 850



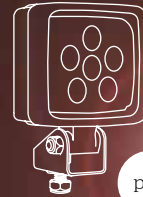
p.12

ABL 500 LED 1200



p.14

ABL 500 LED 2000



p.15

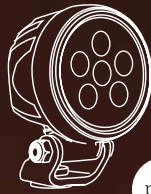
ABL 500 LED 3000

Round LED



p.19

ABL 700 LED 850



p.20

ABL 700 LED 3000

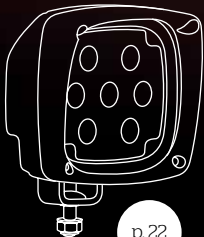
Signal LED



p.17

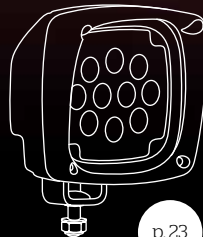
ABL 500 LED Blue

Heavy LED



p.22

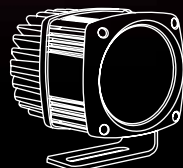
ABL 2500 LED 3000



p.23

ABL 2500 LED 5000

My LED



p.16

ABL My LED

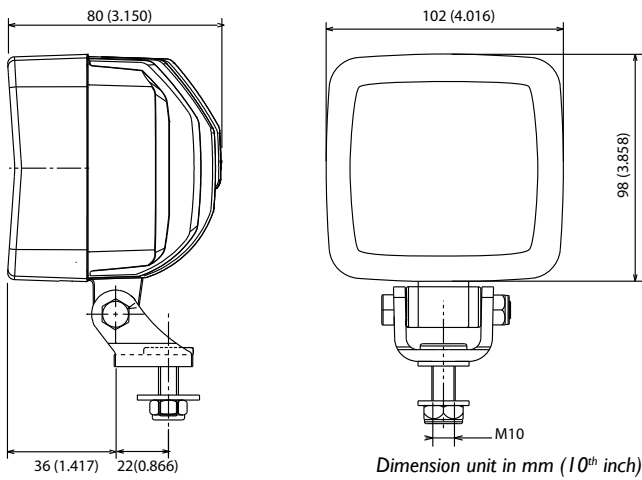


## Heavy Duty - Work Lights

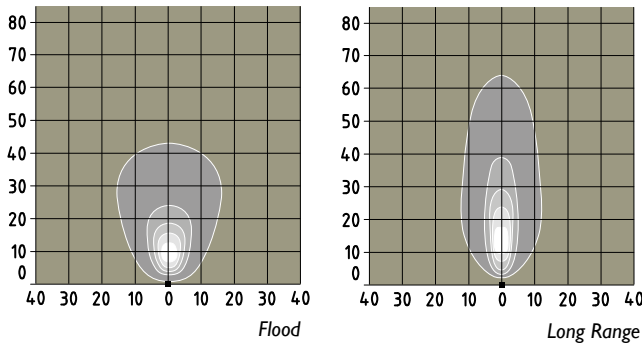
# ABL 500 LED 850

The ABL 500 LED series work lights are designed to exceed everyday demands in all applications. Through stringent engineering and testing practices, we ensure the highest efficiency and durability in even the harshest operating conditions.

## Dimensions



## Light Patterns



## Specifications

Bulb	12 LED - 850 Lumen
Lifetime	20 000 hours
Color temperature	6000°K
Light pattern	Flood, Long Range
Consumption	11 W
Voltage	Multi 12-24V
Intensity	0,46 Amp @ 24Vdc
Weight	0,9 Kg
Vibration resistance	15 Grms from 24 to 2000Hz
Shock resistance	60 G
EMC	ISO 13 766 - ISO 14 982 - ISO 12 895
Load Dump	36V continuous 72V 100 ms 1800 V 50 µs
Polarity	protected against reverse voltage
Electronic Thermal Management	full output @ +35°C ambient 25% dimmed @ +50°C ambient
Water Tightness	IP 68 - IP 69K
Operating Temp	-40°C to +85°C
Salt Spray	ISO 9227
Lens	hardened glass
Reflector	free form reflector
Warranty	20 000 operating hours or 4 years

## Connection



Built-in AMP 2 ways

Built-in DT 2 ways

## Options



Double Magnetic base

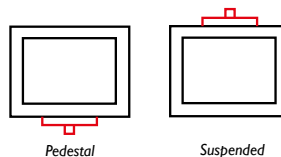
Amber plastic

Red Plastic

Blue Plastic

Clear Plastic

## Mounting





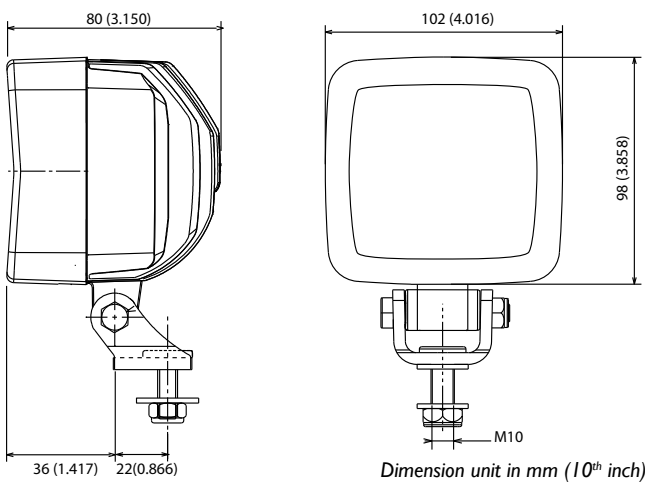


## Heavy Duty - Work Lights

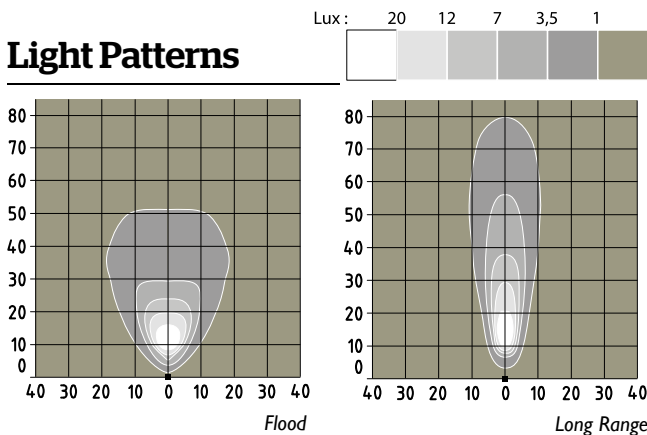
# ABL 500 LED 1200

The ABL 500 LED series work lights are designed to exceed everyday demands in all applications. Through stringent engineering and testing practices, we ensure the highest efficiency and durability in even the harshest operating conditions.

## Dimensions



## Light Patterns



## Specifications

Bulb:	5 LED - 1200 Lumen
Lifetime:	20 000 hours
Color temperature:	6000K
Light pattern:	Flood, Long Range
Consumption:	20W
Voltage:	Multi 12-100V
Intensity:	0,82 Amp @ 24V
Weight:	0,9 Kg
Vibration resistance:	15 Grms from 24 to 2000Hz
Shock resistance:	60 G
EMC:	ISO 13 766 - ISO 14 982 - ISO 12 895
Load Dump:	130V continuous 200V 100 ms 1800V 50 μs
Polarity:	no polarity
Electronic Thermal Management:	full output @ +35°C ambient 20% dimmed @ +50°C ambient
Water Tightness:	IP 68 - IP 69K
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Lens:	hardened glass
Reflector:	multi lens system
Warranty:	20 000 operating hours or 4 years

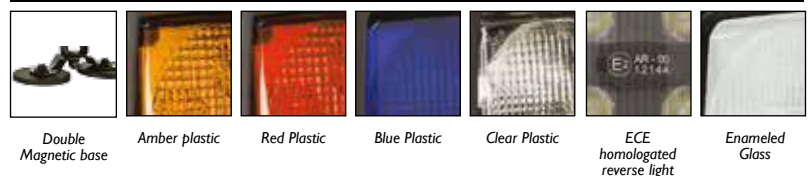
## Connection



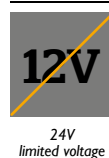
Built-in AMP 2 ways

Built-in DT 2 ways

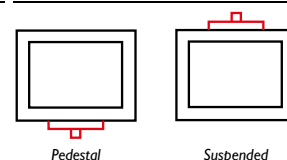
## Options



## Options



## Mounting





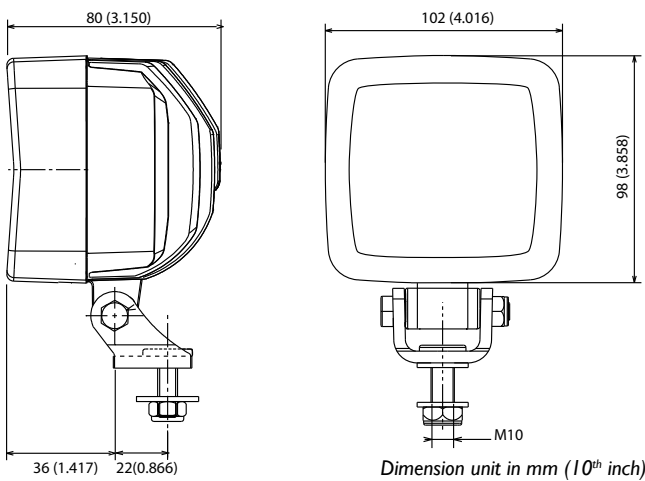


## Heavy Duty - Work Lights

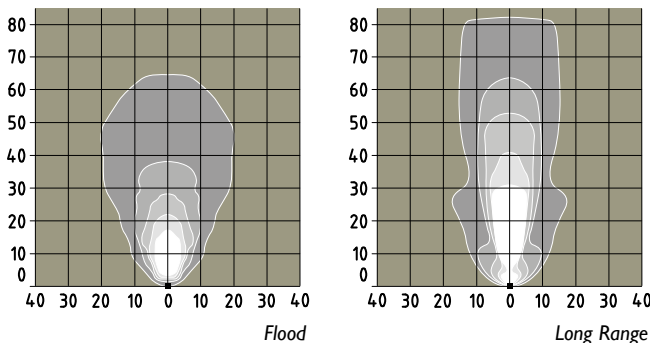
# ABL 500 LED 2000

The ABL 500 LED series work lights are designed to exceed everyday demands in all applications. Through stringent engineering and testing practices, we ensure the highest efficiency and durability in even the harshest operating conditions.

## Dimensions



## Light Patterns



## Specifications

Bulb:	6 LED - 2000 Lumen
Lifetime:	20 000 hours
Color temperature:	6000K
Light pattern:	Flood, Long Range
Consumption:	28W
Voltage:	Multi 12-100V
Intensity:	1,2 Amp @ 24V
Weight:	0,9 Kg
Vibration resistance:	15 Grms from 24 to 2000Hz
Shock resistance:	60 G
EMC:	ISO 13 766 - ISO 14 982 - ISO 12 895
Load Dump:	130V continuous 200V 100 ms 1800V 50 µs
Polarity:	no polarity
Electronic Thermal Management:	full output @ +35°C ambient 20% dimmed @ +50°C ambient
Water Tightness:	IP 68 - IP 69K
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Lens:	hardened glass
Reflector:	free form reflector
Warranty:	20 000 operating hours or 4 years

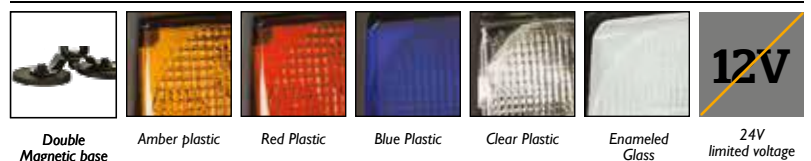
## Connection



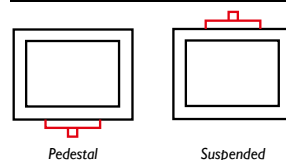
Built-in AMP 2 ways

Built-in DT 2 ways

## Options



## Mounting





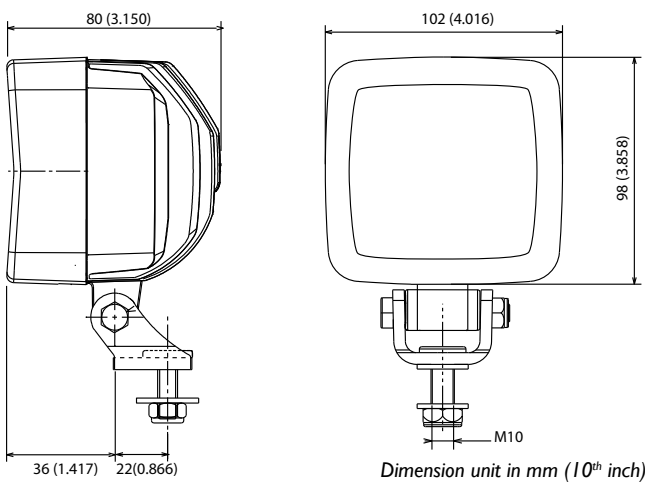


## Heavy Duty - Work Lights

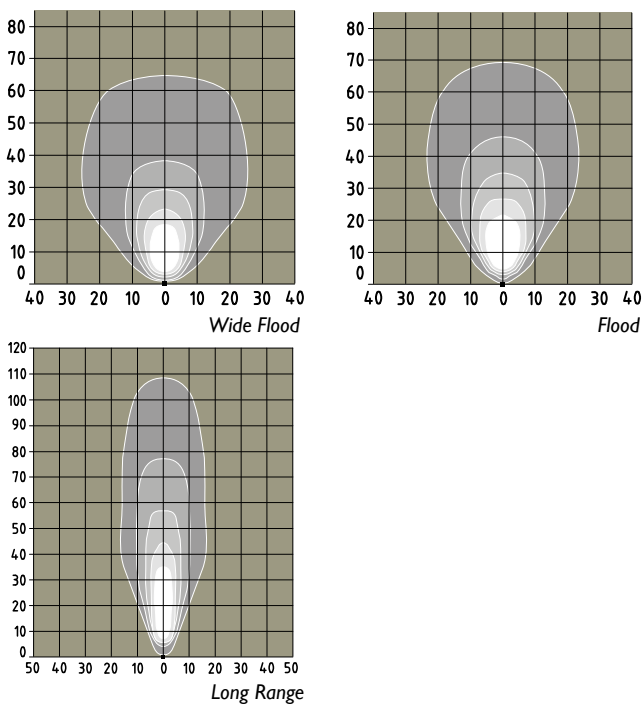
# ABL 500 LED 3000

The ABL 500 LED series work lights are designed to exceed everyday demands in all applications. Through stringent engineering and testing practices, we ensure the highest efficiency and durability in even the harshest operating conditions.

## Dimensions



## Light Patterns



## Specifications

Bulb:	6 LED - 3000 Lumen
Lifetime:	20 000 hours
Color temperature:	6000K
Light pattern:	Wide Flood, Flood, Long Range
Consumption:	36W
Voltage:	Multi 12-100V
Intensity:	1,5 Amp @ 24V
Weight:	0,9 Kg
Vibration resistance:	15 Grms from 24 to 2000Hz
Shock resistance:	60 G
EMC:	ISO 13 766 - ISO 14 982 - ISO 12 895
Load Dump:	130V continuous 200V 100 ms 1800V 50 μs
Polarity:	protected against reverse voltage
Electronic Thermal Management:	full output @ +35°C ambient 20% dimmed @ +50°C ambient
Water Tightness:	IP 68 - IP 69K
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Lens:	hardened glass
Reflector:	multi lens system
Warranty:	20 000 operating hours or 4 years

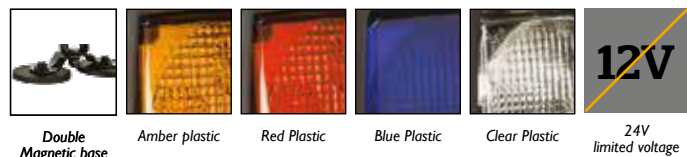
## Connection



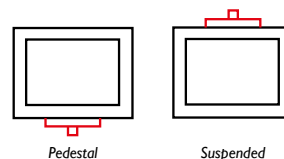
Built-in AMP 2 ways

Built-in DT 2 ways

## Options



## Mounting



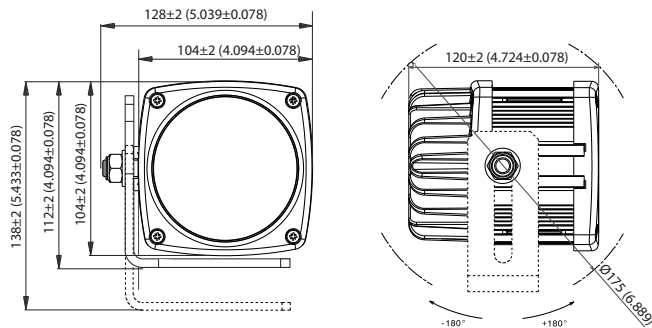


# Heavy Duty - Work Lights

# My LED 2700

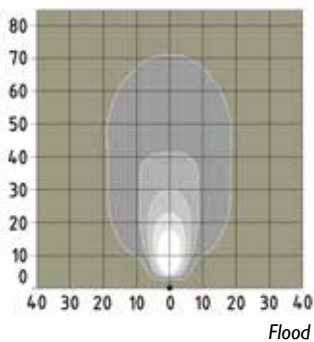
The famous ABL MY work lamp is well known for its extraordinary strength thanks to its metal housing. Now equipped with the latest and most efficient LED technology and combined with a superior thermal design management, ABL MY LED 2700 is your powerful and reliable lighting solution for your most demanding vehicles, forest and off road applications.

## Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

## Light Patterns



## Specifications

Bulb:	6 LED - 2700 Lumen
Lifetime:	20 000 hours
Color temperature:	6000K
Light pattern:	Flood
Consumption:	36W
Voltage:	Multi 12-24V
Intensity:	1,5 Amp @ 24V
Water tightness:	IP68 - IP69K
Polarity:	protected against reverse voltage
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	aluminum
Lens:	hardened glass
Reflector:	free form reflector + active lens
Warranty:	20 000 operating hours or 4 years

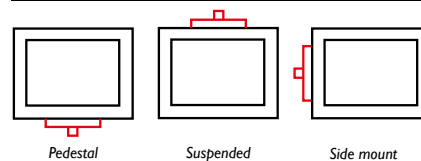
## Connection



Built-in AMP 2 ways

Built-in DT 2 ways

## Mounting



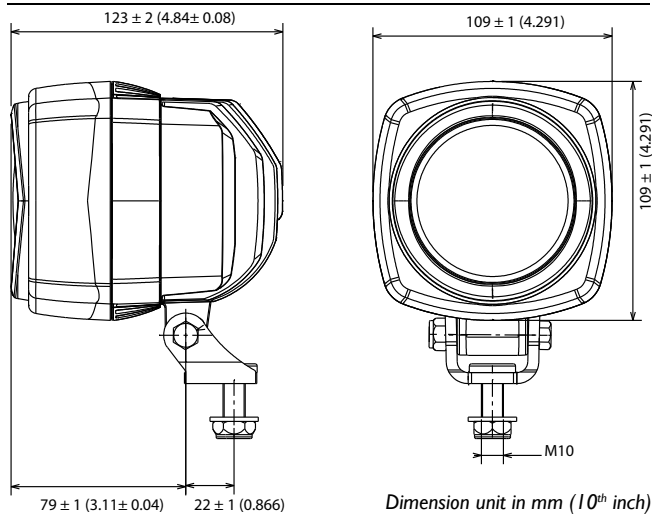


# Heavy Duty - Work Lights

## ABL 500 LED Blue

The ABL 500 LED series work lights are designed to exceed everyday demands in all applications. This specific Blue version of our LED worklight range ensures a visible sharp-edged warning signal on the floor for an increased safety environment.

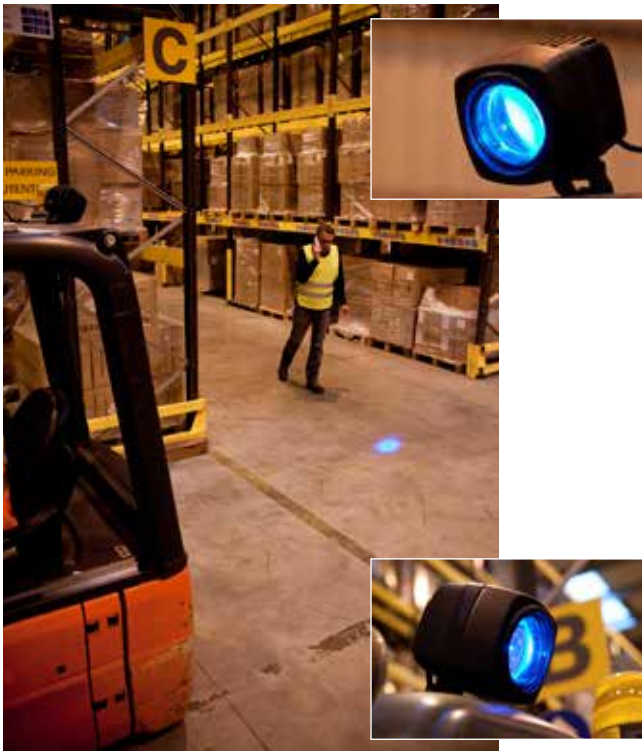
### Dimensions



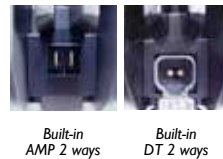
### Specifications

Bulb:	LED Blue
Lifetime:	20 000 hours
Light pattern:	Sharp-edged Spot
Consumption:	5W
Voltage:	Multi 12-100V
Intensity:	0,2 Amp @ 24V
Weight:	1,0 Kg
Vibration resistance:	10 Grms, from 24Hz to 2000Hz
EMC:	ISO 12 895
Load Dump:	130V continuous 200V 100 ms 1800 V 50 µs
Polarity:	no polarity
Water Tightness:	IP 68 - IP 69K
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Lens:	PC lens
Warranty:	20 000 operating hours or 4 years

### Application



### Connection

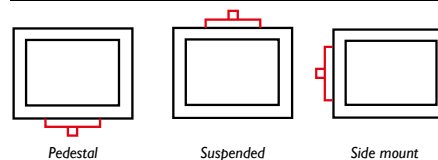


### Options



Double Magnetic base

### Mounting







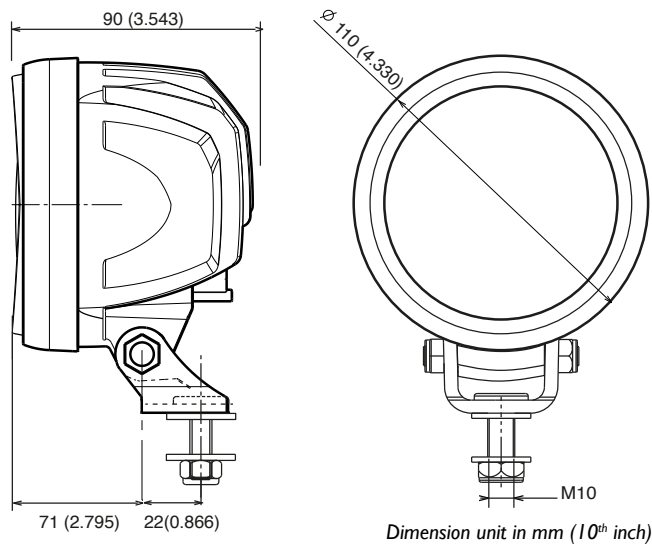


## Heavy Duty - Work Lights

# ABL 700 LED 850

The ABL 700 LED work lights are designed to exceed everyday demands in all applications. Through stringent engineering and testing practices, we ensure the highest efficiency and durability in even the harshest operating conditions.

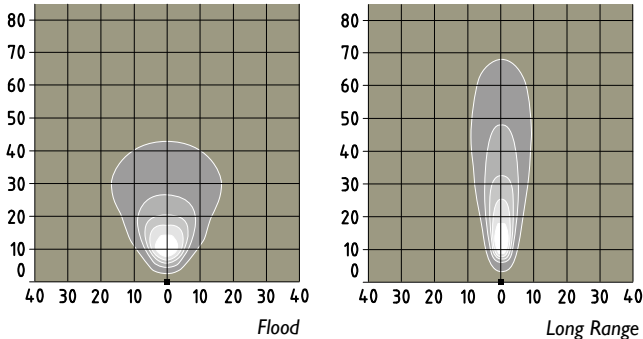
## Dimensions



## Specifications

Bulb:	4 LED - 850 Lumen
Lifetime:	20 000 hours
Color temperature:	6000K
Light pattern:	Flood
Consumption:	12W
Voltage:	Multi 12-100V
Intensity:	0,5 Amp @ 24V
Weight:	0,9 Kg
Vibration resistance:	15 Grms from 24 to 2000Hz
Shock resistance:	60 G
EMC:	ISO 13 766 - ISO 14 982 - ISO 12 895
Load Dump:	130V continuous 200V 100 ms 1800 V 50 $\mu$ s
Polarity:	no polarity
Electronic Thermal Management:	full output @ +35°C ambient 20% dimmed @ +50°C ambient
Water Tightness:	IP 68 - IP 69K
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Lens:	hardened glass
Reflector:	multi lens system
Warranty:	20 000 operating hours or 4 years

## Light Patterns



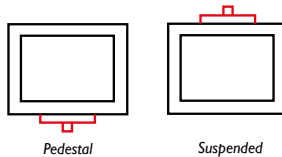
## Connection



Built-in AMP 2 ways

Built-in DT 2 ways

## Mounting



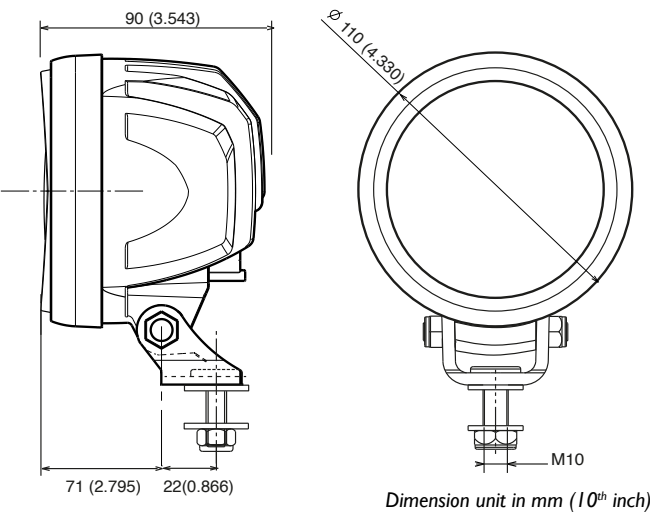


## Heavy Duty - Work Lights

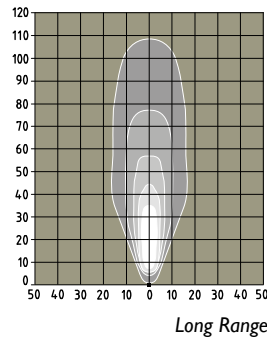
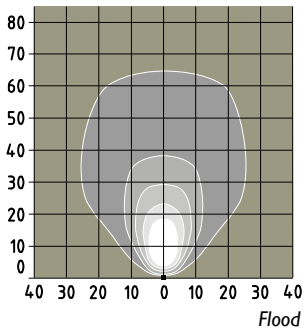
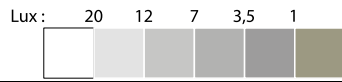
# ABL 700 LED 3000

The ABL 700 LED series work lights are designed to exceed everyday demands in all applications. Through stringent engineering and testing practices, we ensure the highest efficiency and durability in even the harshest operating conditions.

## Dimensions



## Light Patterns



## Specifications

Bulb:	6 LED - 3000 Lumen
Lifetime:	20 000 hours
Color temperature:	6000K
Light pattern:	Flood, Long Range
Consumption:	36W
Voltage:	Multi 12-100V
Intensity:	1,5 Amp @ 24V
Weight:	0,9 Kg
Vibration resistance:	15 Grms from 24 to 2000Hz
Shock resistance:	60 G
EMC:	ISO 13 766 - ISO 14 982 - ISO 12 895
Load Dump:	130V continuous 200V 100 ms 1800V 50 µs
Polarity:	protected against reverse voltage
Electronic Thermal Management:	full output @ +35°C ambient 20% dimmed @ +50°C ambient
Water Tightness:	IP 68 - IP 69K
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Lens:	hardened glass
Reflector:	multi lens system
Warranty:	20 000 operating hours or 4 years

## Connection



Built-in  
AMP 2 ways

Built-in  
DT 2 ways

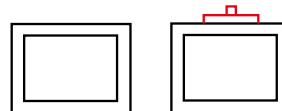
## Options



Double  
Magnetic base

24V  
limited voltage

## Mounting



Pedestal

Suspended







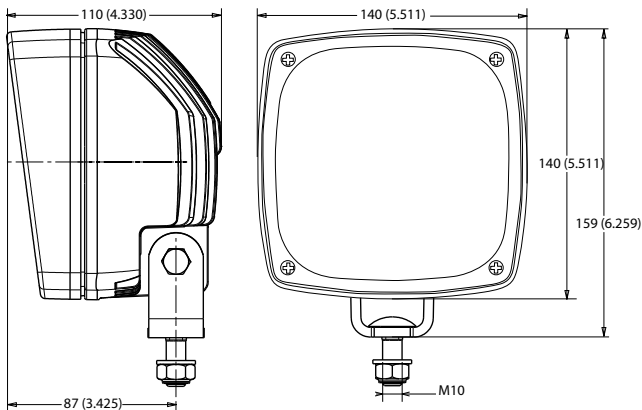


## Heavy Duty - Work Lights

# ABL 2500 LED 3000

The ABL 2500 LED series work lights offers a high performance solution which exceeds Xenon performance and efficiency. This heavy duty range of products offers the highest durability and endures extreme ambient working temperatures.

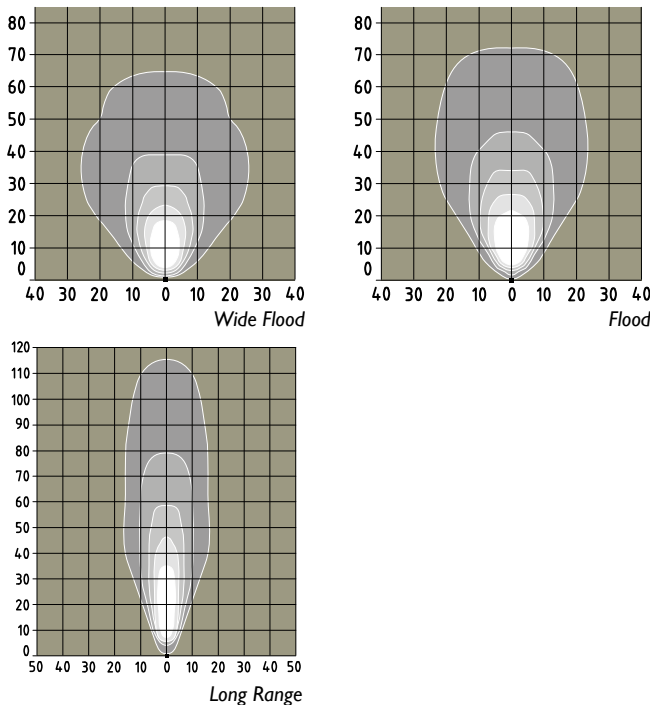
## Dimensions



Dimension unit in mm (10<sup>th</sup> inch)



## Light Patterns



## Specifications

Bulb:	7 LED - 3000 Lumen
Lifetime:	20 000 hours
Color temperature:	6000K
Light pattern:	Wide Flood, Flood, Long Range
Consumption:	40W
Voltage:	Multi 12-100V
Intensity:	1,6 Amp @ 24V
Weight:	1,8 Kg
Vibration resistance:	20 Grms from 24 to 2000Hz
Shock resistance:	80G
EMC:	ISO 13 766 - ISO 14 982
Load Dump:	110V continuous 200V 100 ms 1800V 50 µs
Polarity:	protected against reverse voltage
Electronic Thermal Management:	full output @ +35°C ambient 25% dimmed @ +50°C ambient
Water Tightness:	IP 68 - IP 69K
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Lens:	hardened glass
Reflector:	multi lens system
Warranty:	20 000 operating hours or 4 years

## Connection



Built-in  
AMP 2 ways

Built-in  
DT 2 ways

## Options

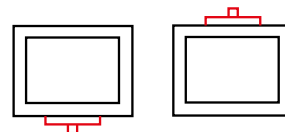


Double  
Magnetic base

Amber glass

24V  
limited voltage

## Mounting



Pedestal

Suspended

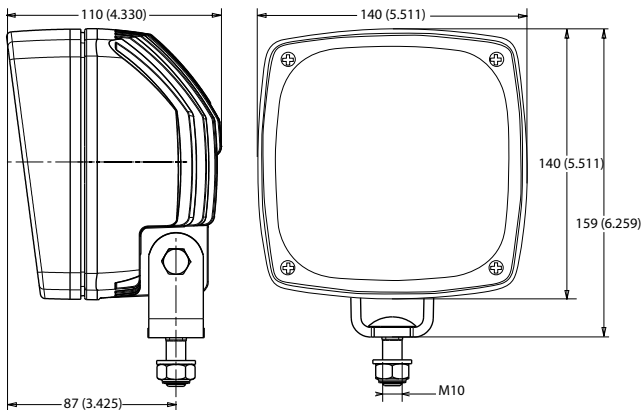


## Heavy Duty - Work Lights

# ABL 2500 LED 5000

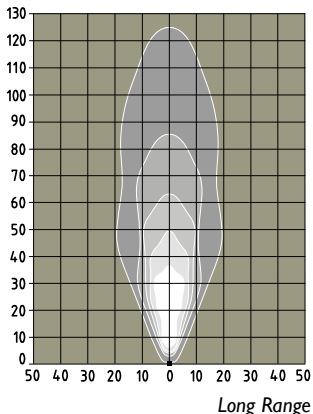
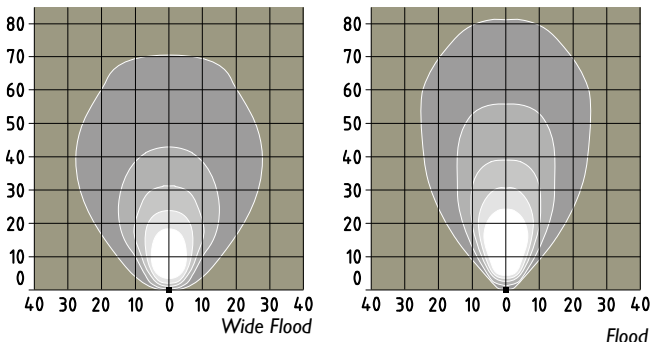
The ABL 2500 LED series work lights offers a high performance solution which exceeds Xenon performance and efficiency. This heavy duty range of products offers the highest durability and endures extreme ambient working temperatures.

## Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

## Light Patterns



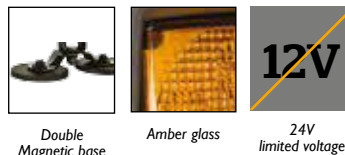
## Specifications

Bulb:	10 LED - 5000 Lumen
Lifetime:	20 000 hours
Color temperature:	6000K
Light pattern:	Wide Flood, Flood, Long Range
Consumption:	57W
Voltage:	Multi 12-100V
Intensity:	2,15 Amp @ 24V
Weight:	1,8 Kg
Vibration resistance:	20 Grms from 24 to 2000Hz
Shock resistance:	80G
EMC:	ISO 13 766 - ISO 14 982
Load Dump:	110V continuous 200V 100 ms 1800V 50 µs
Polarity:	protected against reverse voltage
Electronic Thermal Management:	full output @ +35°C ambient 25% dimmed @ +50°C ambient
Water Tightness:	IP 68 - IP 69K
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Lens:	hardened glass
Reflector:	multi lens system
Warranty:	20 000 operating hours or 4 years

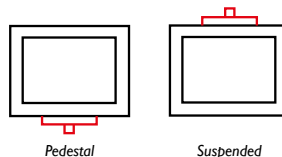
## Connection



## Options



## Mounting



## Heavy Duty - Work Lights

# HEAVY DUTY

## ABL Xenon range

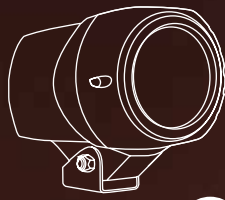
### State of the art bulb solution:

- 10 times halogen lifetime
- more than twice the halogen lighting output
- increased vibration resistance
- similar to daylight color



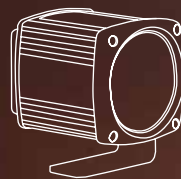
p.25

ABL 500 Xenon



p.26

ABL 700 Xenon



p.28

ABL My Xenon



p.29

ABL Gamma Xenon

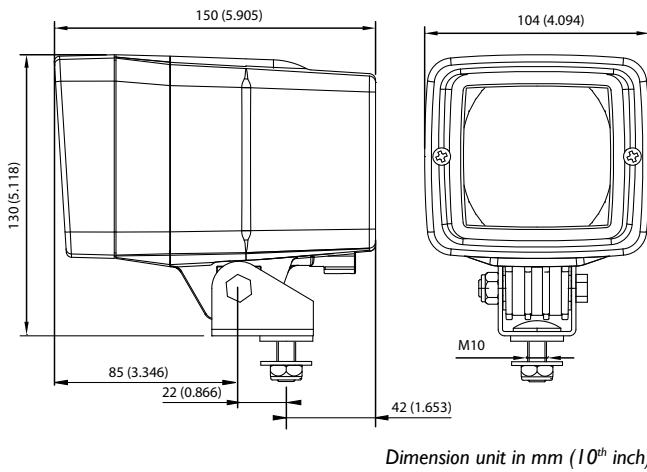


# Heavy Duty - Work Lights

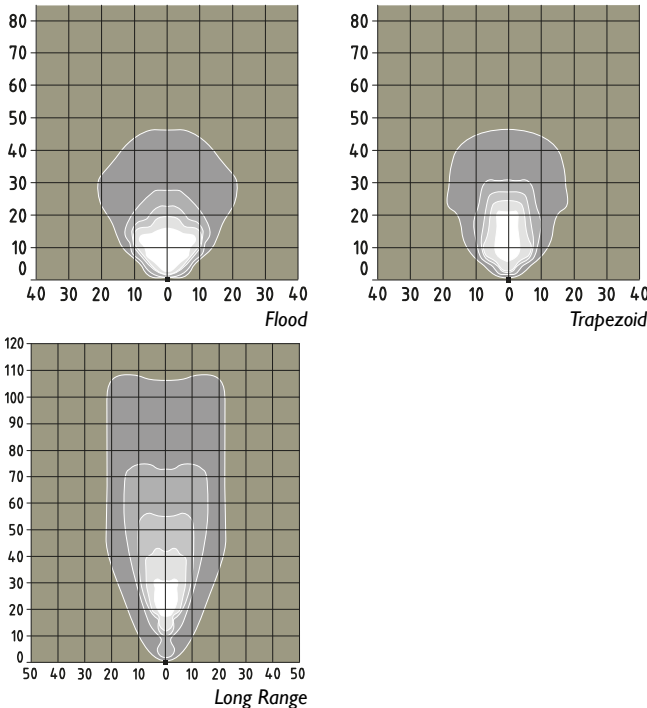
## ABL 500 Xenon

The ABL 500 Xenon work light is one of the most compact, powerful Xenon HID lights available, with integrated ballast. Designed for heavy duty applications, the 500 Xenon has 3 axis vibration dampeners which stands up to the rigors of your work site conditions. Xenon/HID simulates daylight giving the most consistent light patterns for your operators.

### Dimensions



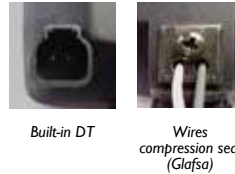
### Light Patterns



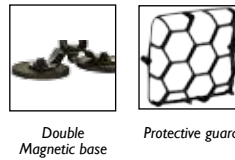
### Specifications

Bulb:	35W DIS, Gen 5 integrated ballast
Light pattern:	Flood, Trapezoid, Long Range, Spot
Voltage:	12V, 24V
Intensity:	1,8 Amp @ 24 Vdc
Vibration resistance:	15 Grms from 24 to 2000Hz
EMC:	ISO 13 766 ISO 14 982
Water Tightness:	IP 66 - IP 69K
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass lens

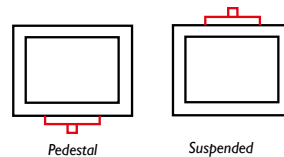
### Connection



### Options



### Mounting





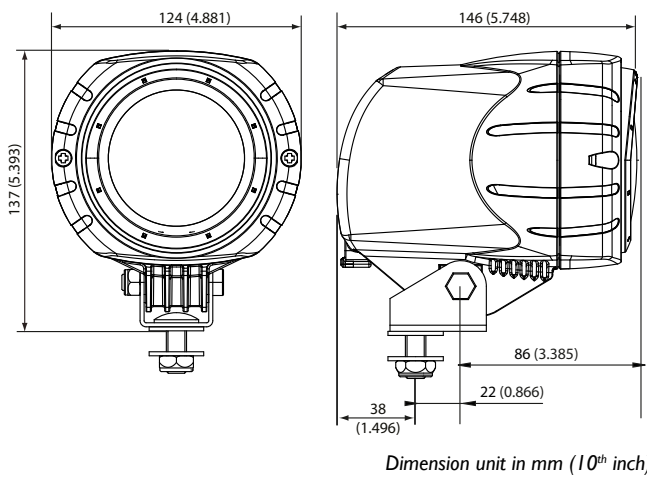


# Heavy Duty - Work Lights

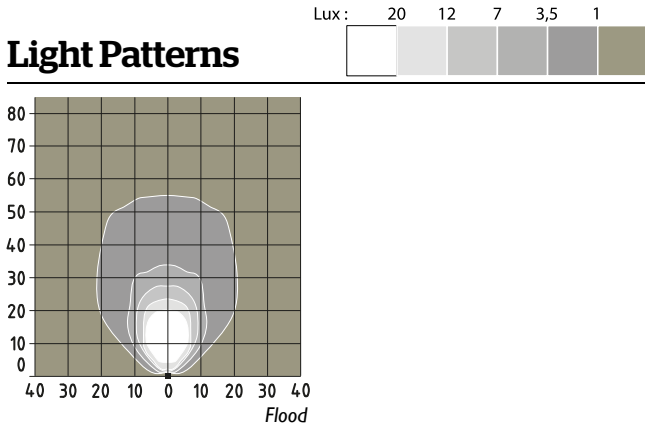
## ABL 700 Xenon

The ABL 700 Xenon work light is one of the most compact, powerful Xenon HID lights available, with integrated ballast. Designed for heavy duty applications, the 700 Xenon has 3 axis vibration dampeners which stands up to the rigors of your work site conditions. Xenon/HID simulates daylight giving the most consistent light patterns for your operators.

### Dimensions



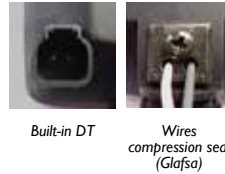
### Light Patterns



### Specifications

Bulb:	35W DIS, Gen 5 integrated ballast
Light pattern:	Flood
Voltage:	12V, 24V
Intensity:	1,8 Amp @ 24 Vdc
Vibration resistance:	15 Grms from 24 to 2000Hz
EMC:	ISO 13 766 ISO 14 982
Water Tightness:	IP 66 - IP 69K
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass lens

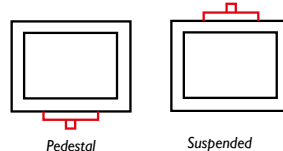
### Connection



### Options



### Mounting









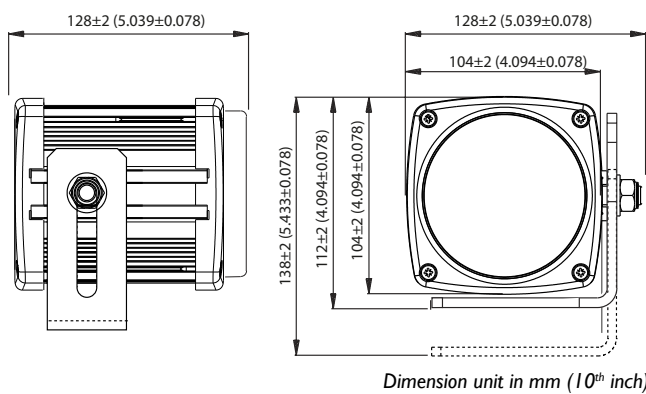


## Heavy Duty - Work Lights

# ABL MY Xenon

The ABL MY Xenon work lamp is a Xenon lamp presenting extraordinary strength thanks to its metal housing which also ensures a high level of electro magnetic compatibility (EMC) performance. ABL MY Xenon meets the most stringent quality demands of the vehicles, forest and off road applications.

### Dimensions



### Specifications

Bulb:	35W D1S, Gen 5 integrated ballast
Light pattern:	Wide Flood - Medium Flood - Broad
Voltage:	12V, 24V
Intensity:	1,8 Amp @ 24 Vdc
Water Tightness:	IP 65
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	aluminium
Lens:	hardened glass lens
Reflector:	steel

### Connection



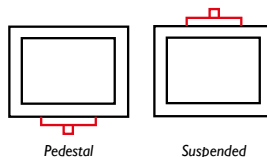
Wiring Harness

### Options

**45W**

45W balast

### Mounting





## Heavy Duty - Work Lights

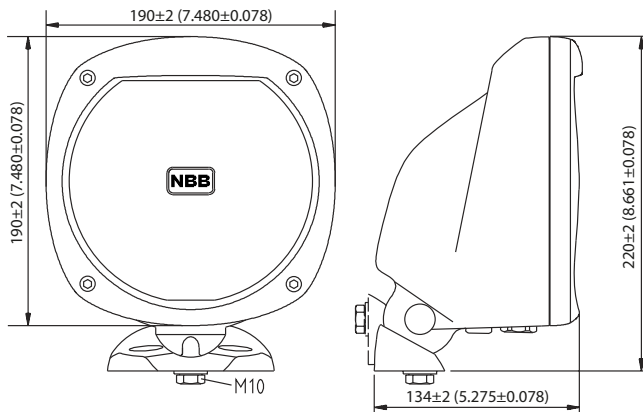
# ABL Gamma Xenon

ABL Gamma Xenon is one of the toughest lights able to withstand the harsh conditions in the forest and construction industry.

## Specifications

Bulb:	35W D1S, Gen 5 integrated ballast
Light pattern:	Wide Flood - Medium Flood - Trapezoid - Broad - Pencil
Voltage:	12V, 24V
Intensity:	1,8 Amp @ 24 Vdc
Water Tightness:	IP 65
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	aluminium
Lens:	hardened glass lens
Reflector:	steel

## Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

## Connection



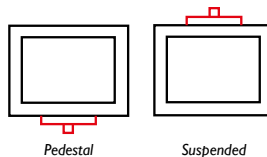
Wiring Harness

## Options

**45W**

45W balast

## Mounting





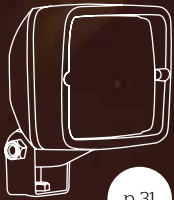
## Heavy Duty - Work Lights

# HEAVY DUTY

## ABL Halogen range

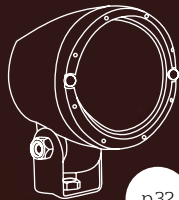
### Professional and cost efficient solution:

- design to cost
- automotive background
- high temperature resistance
- easy maintenance



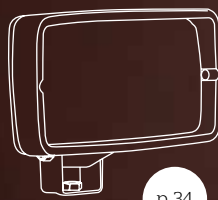
p.31

ABL 500 H3



p.32

ABL 700 H3



p.34

ABL 1100 H3



p.35

ABL 1500 H3



p.36

ABL 2500 H3



p.37

ABL 172 H3

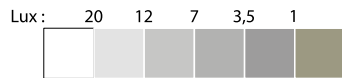
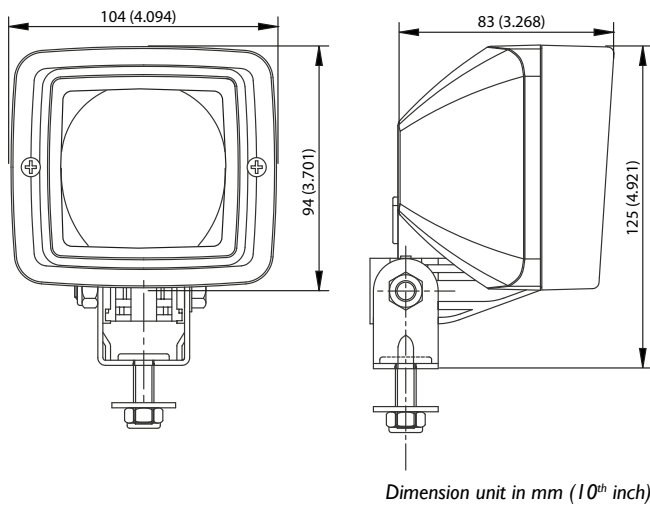


# Heavy Duty - Work Lights

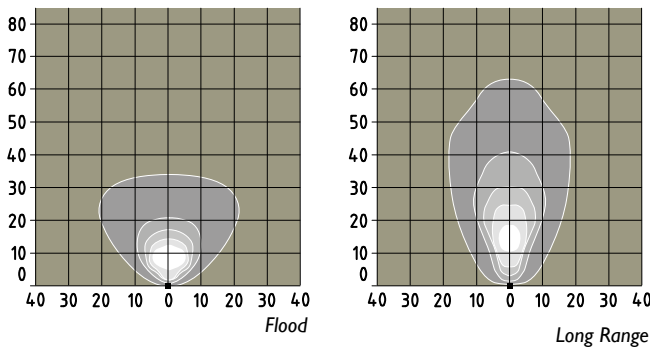
## ABL 500 H3

The ABL 500 series halogen is designed for tough work environments. With a fibre reinforced plastic housing and hardened glass lens, this light is ready to take on any obstacles at your work site.

### Dimensions



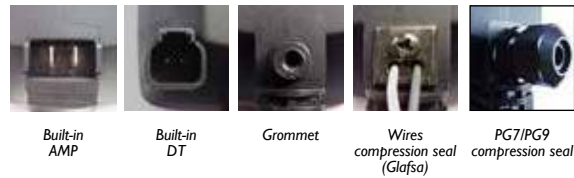
### Light Patterns



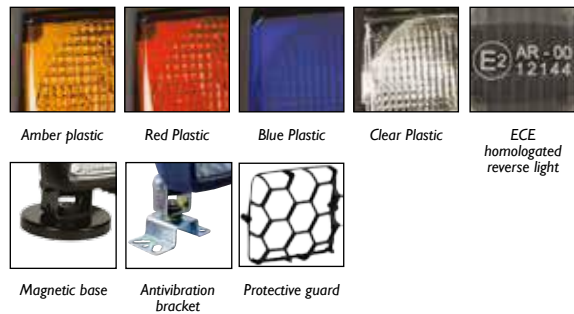
### Specifications

Bulb:	H3 bulb, 70W max
Light pattern:	Flood, Long Range, Low Beam Off road, High Beam Off road
Voltage:	12V, 24V, 36V, 48V, 80V
Intensity:	2,92 Amp @ 24V (for 24V 70W bulb)
Vibration resistance:	10 Grms from 24 to 2000Hz
Water Tightness:	IP 54 for Grommet IP 65 for specific cable IP 66-69K for built-in connectors and compression seals
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass lens

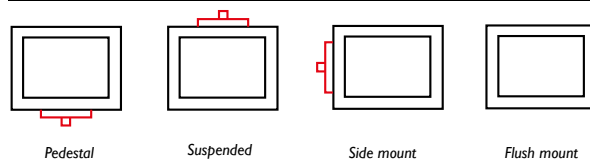
### Connection



### Options



### Mounting



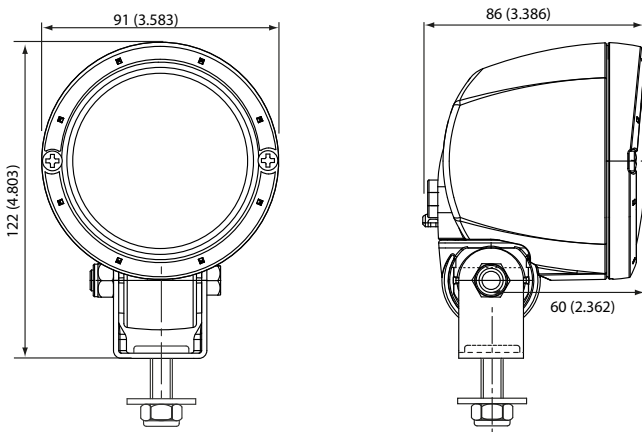


# Heavy Duty - Work Lights

## ABL 700 H3

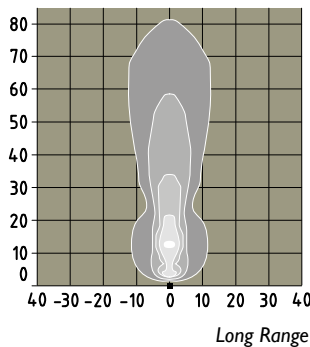
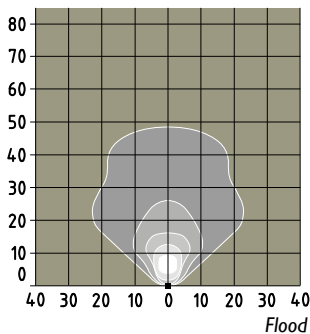
The ABL 700 series is amongst the most technically advanced work lights available. This compact high efficiency light provides optimum light output along with high durability and long life.

### Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

### Light Patterns



### Specifications

Bulb:	H3 bulb, 70W max
Light pattern:	Flood, Long Range
Voltage:	12V, 24V, 36V, 48V, 80V
Intensity:	2,92 Amp @ 24V (for 24V 70W bulb)
Vibration resistance:	10 Grms from 24 to 2000Hz
Water Tightness:	IP 54 for Grommet IP 65 for specific cable IP 66-69K for built-in connectors and compression seals
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass lens

### Connection



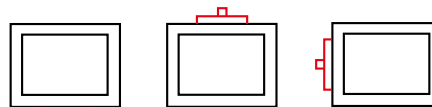
Built-in AMP    Built-in DT    Grommet    Wires compression seal (Glafsa)    PG7/PG9 compression seal

### Options



Magnetic base    Clear Plastic    Antivibration bracket

### Mounting



Pedestal    Suspended    Side mount





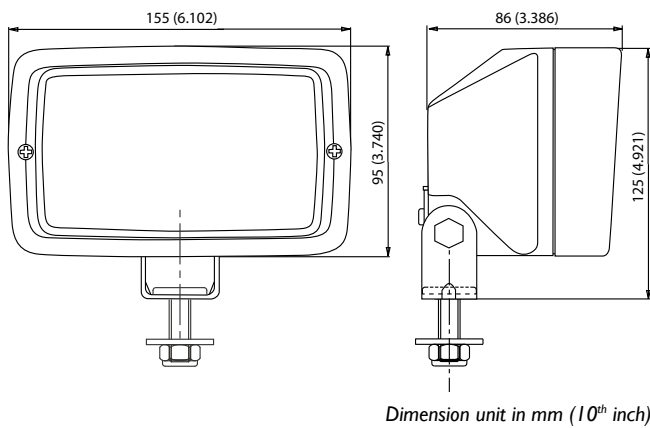


# Heavy Duty - Work Lights

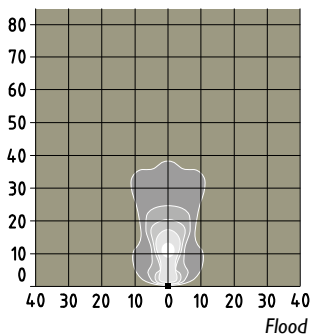
## ABL 1100 H3

The ABL 1100 series work lamps provide optimal light at the most economical value. Sold by the millions, the ABL 1100 family has firmly established itself as a standard work light for demanding users.

### Dimensions



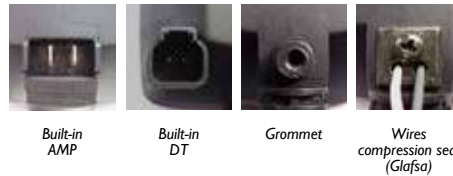
### Light Patterns



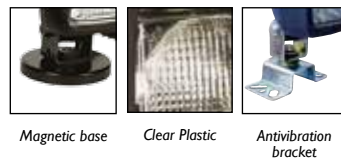
### Specifications

Bulb:	H3 bulb, 70W max
Light pattern:	Flood
Voltage:	12V, 24V, 36V, 48V, 80V
Intensity:	2,92 Amp @ 24V (for 24V 70W bulb)
Vibration resistance:	10 Grms from 24 to 2000Hz
Water Tightness:	IP 54 for Grommet IP 65 for specific cable, built-in connectors and compression seals
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass lens

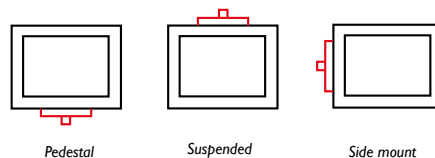
### Connection



### Options



### Mounting



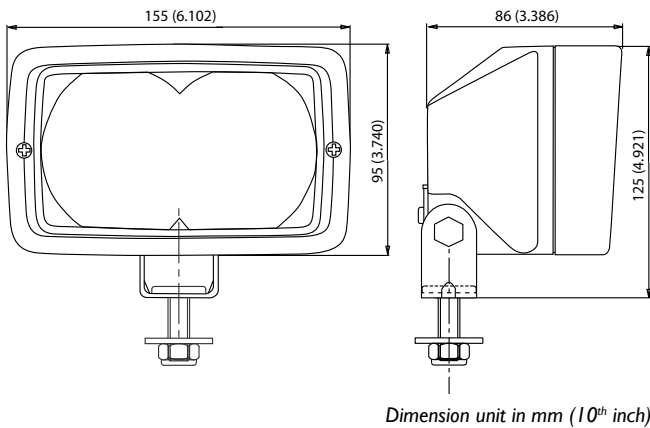


# Heavy Duty - Work Lights

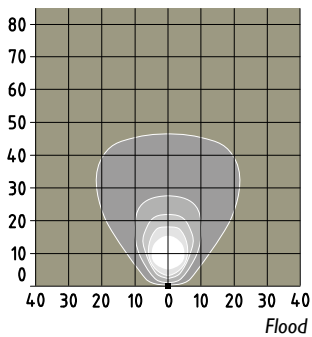
## ABL 1500 H3

The ABL 1500 series twin beam work light, with two H3 halogen bulbs, provides the double light output. Therefore, the ABL 1500 gives a concentrated light pattern to provide your work area maximum and smooth illumination.

### Dimensions



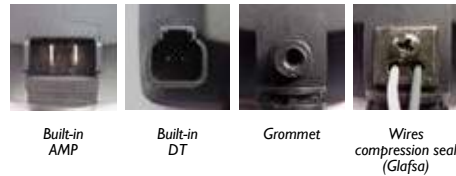
### Light Patterns



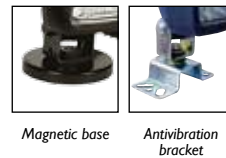
### Specifications

Bulb:	2 x H3 bulb, 70W max (140W max total)
Light pattern:	Flood, Long Range
Voltage:	12V, 24V, 36V, 48V, 80V
Intensity:	5,84 Amp @ 24V (for 24V 70W bulb)
Vibration resistance:	10 Grms from 24 to 2000Hz
Water Tightness:	IP 54 for Grommet IP 65 for specific cable IP 66-69K for built-in connectors and compression seals
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass lens

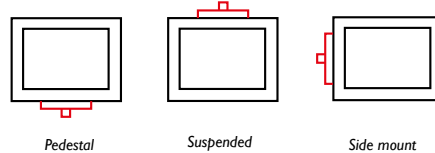
### Connection



### Options



### Mounting



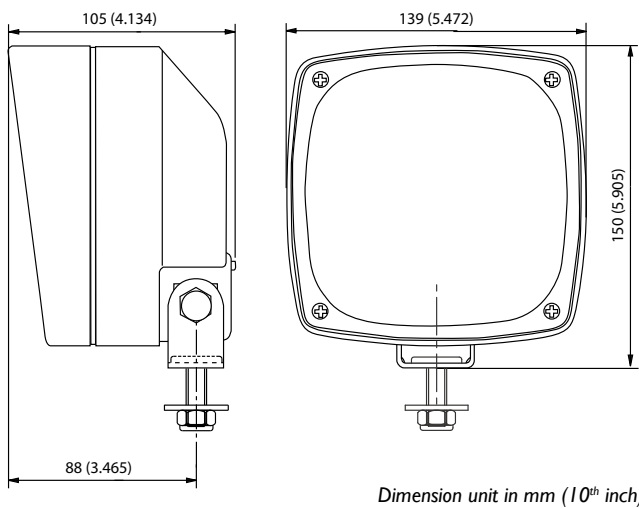


# Heavy Duty - Work Lights

## ABL 2500 H3

The ABL 2500 series work light is a robust, off-road work light designed for demanding applications. This light is also available in heavy duty, shock mount version where extreme shock and vibration resistance is needed.

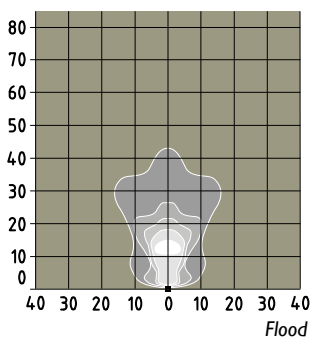
### Dimensions



Dimension unit in mm (10<sup>th</sup> inch)



### Light Patterns



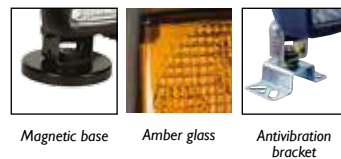
### Specifications

Bulb:	H3 bulb, 70W max
Light pattern:	Flood, Spot
Voltage:	12V, 24V, 36V, 48V, 80V
Intensity:	2,92 Amp @ 24V (for 24V 70W bulb)
Vibration resistance:	10 Grms from 24 to 2000Hz
Water Tightness:	IP 54 for Grommet IP 65 for specific cable, built-in connectors and compression seals
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass lens

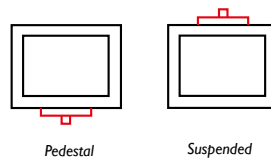
### Connection



### Options



### Mounting





## Heavy Duty - Work Lights

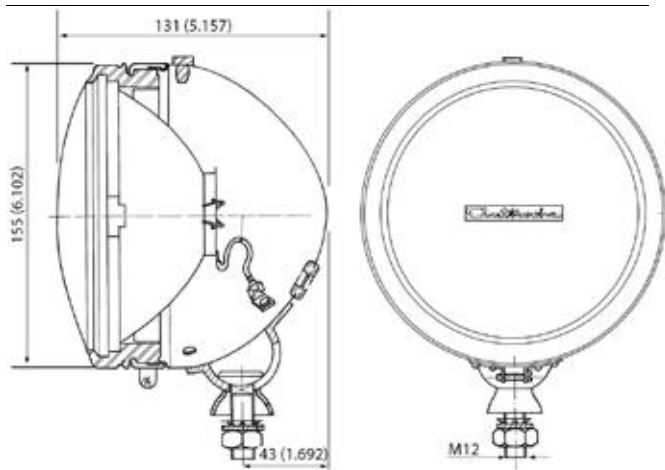
# ABL 172 H3

Round steel laquered housing, ABL 172 H3 work light brings a robust lighting solution recommended for agricultural and slow moving equipment applications.

### Specifications

Bulb:	H3 bulb, 70W max
Light pattern:	Flood
Voltage:	12V, 24V, 36V, 48V, 80V
Intensity:	2,92 Amp @ 24V (for 24V 70W bulb)
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	laquered steel
Lens:	glass
Reflector:	steel

### Dimensions



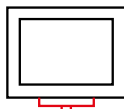
Dimension unit in mm (10<sup>th</sup> inch)

### Connection



Grommet

### Mounting



Pedestal



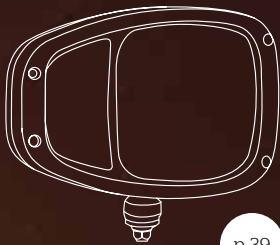
# Heavy Duty - Driving Lights

# HEAVY DUTY

## ABL Driving Lights range

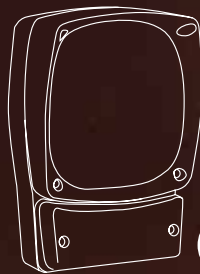
Homologated products for on road applications:

- high / Low beam combinations
- turn signal
- swivel or bracket mounts
- square or round shapes



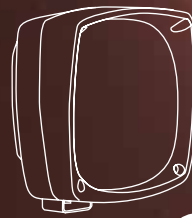
p.39

ABL 3800



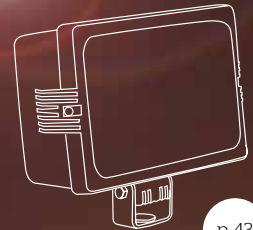
p.40

ABL 3005



p.41

ABL 2505



p.43

ABL 613



p.44

ABL 127



p.44

ABL 137



p.45

ABL 172

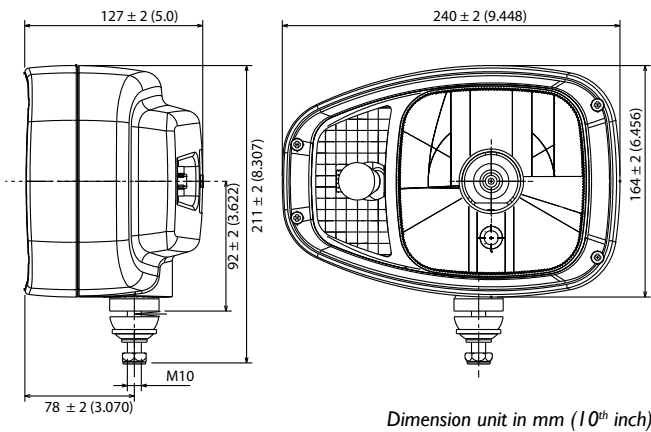


# Heavy Duty - Driving Lights

## ABL 3800

The ABL 3800 combination drive light is SAE/ECE approved for on-road and off-road vehicles. Along with numerous mounting operations, this light incorporates a moisture-eliminating breather, pilot light, and an optional side repeater.

### Dimensions



### Specifications

Bulb:	H4 - PY21 and W5W
Light pattern:	ECE R112 High / Low Beam ECE R6 Turn Signal and repeater ECE R7 Pilot Light SAE FMVSS108 ANSI/SAE S279.14
Voltage:	12V, 24V
Intensity:	2,92 Amp @ 24V (Low Beam)
Water Tightness:	IP 66 - IP 69K
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass lens

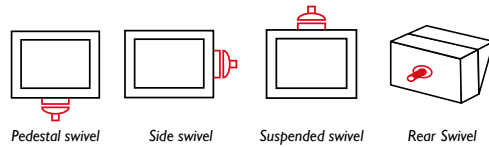
### Connection



Built-in DT  
6 ways

Cable  
compression seal  
PGI1

### Mounting



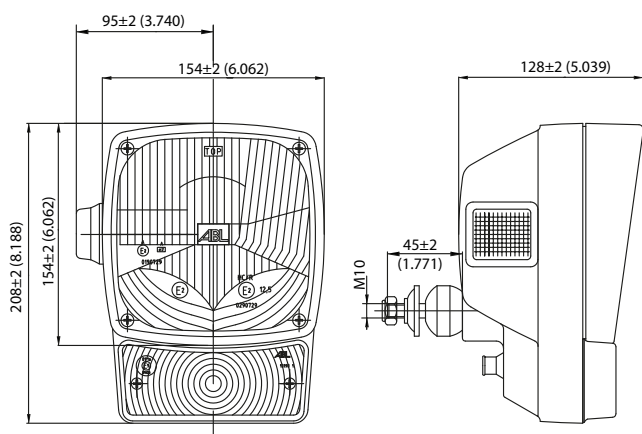


## Heavy Duty - Driving Lights

# ABL 3005

The ABL 3005 combination drive light is the choice for a High/low beam headlight with intergrated turn signal and pilot light. This light is E-approved for right hand and left hand traffic.

## Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

## Specifications

Bulb:	H4 - P21 and T8
Light pattern:	ECE R20 High / Low Beam ECE R6 Turn Signal ECE R7 Pilot Light ECE R6 optional repeater
Voltage:	12V, 24V
Intensity:	2,92 Amp @ 24V (Low Beam)
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	glass lens

## Connection



Grommet

## Mounting



Rear Swivel

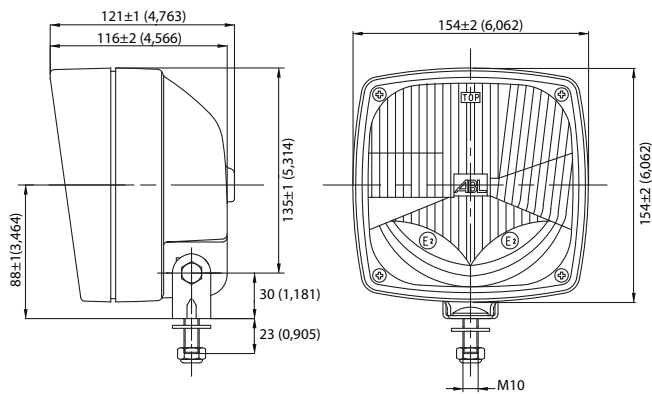


## Heavy Duty - Driving Lights

# ABL 2505

ABL 2505 driving light is an E-approved driving light for right/left hand traffic. ABL 2505 series is available with optional E-approved pilot light.

### Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

### Specifications

Bulb:	H4 - T8 optional
Light pattern:	ECE High / Low Beam - ECE Pilot Light optional
Voltage:	12V, 24V
Intensity:	2,92 Amp @ 24V (Low Beam)
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	black PA6 plastic
Lens:	glass lens

### Connection

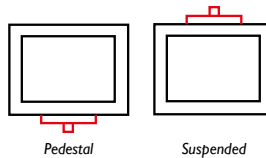


Grommet



Built-in screw terminals

### Mounting







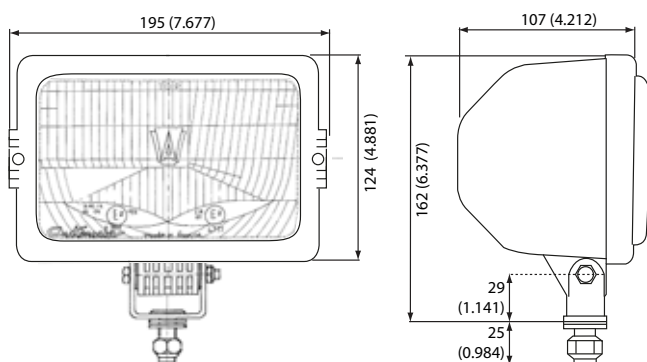


## Heavy Duty - Driving Lights

# ABL 613

E-approved driving light with pilot light function for right hand traffic. Recommended for agriculture, construction and utility vehicles.

## Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

## Specifications

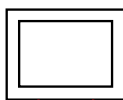
Bulb:	H4 - T8
Light pattern:	ECE High / Low Beam + ECE Pilot Light
Voltage:	12V, 24V
Intensity:	2,92 Amp @ 24V (Low Beam)
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	black PA6 plastic
Lens:	glass lens

## Connection



Grommet

## Mounting



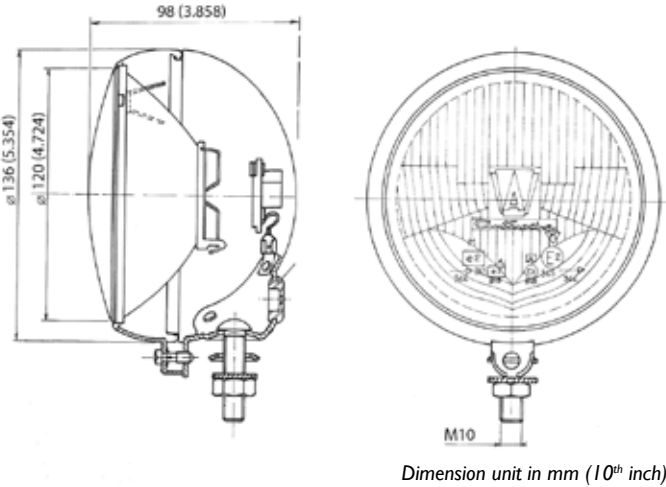
Pedestal



## Heavy Duty - Driving Lights

# ABL 127

### Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

E-approved driving light for right hand traffic. Recommended for agricultural, motorcycle and slow moving equipment applications.

### Specifications

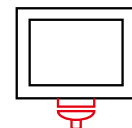
Bulb:	R2
Light pattern:	ECE High / Low Beam
Voltage:	12V, 24V
Intensity:	2,1 Amp @ 24V (Low Beam)
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	lacquered steel housing
Lens:	glass lens

### Connection



Grommet

### Mounting



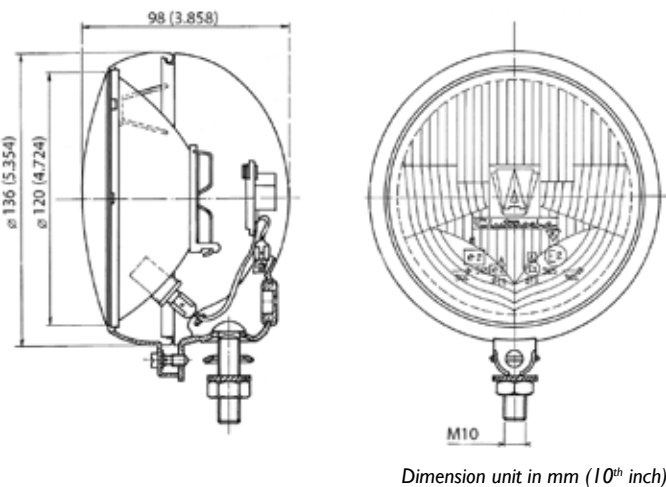
Pedestal Swivel



## Heavy Duty - Driving Lights

# ABL 137

### Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

E-approved driving light with pilot light function for right hand traffic. Recommended for agricultural, motorcycle and slow moving equipment applications.

### Specifications

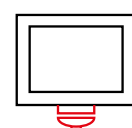
Bulb:	R2 - T8
Light pattern:	ECE High / Low Beam ECE Pilot Light
Voltage:	12V, 24V
Intensity:	2,1 Amp @ 24V (Low Beam)
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	lacquered steel housing
Lens:	glass lens

### Connection



Grommet

### Mounting



Pedestal Swivel

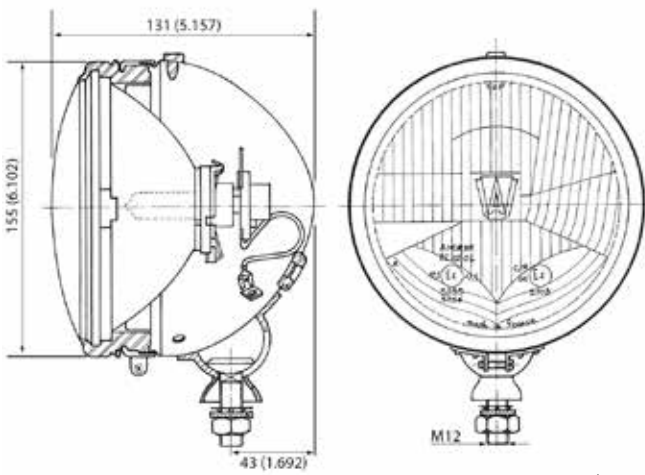


## Heavy Duty - Driving Lights

# ABL 172

E-approved driving light for right hand traffic. This lamp is recommended for agricultural, motorcycle and slow moving equipment applications, where shock and vibration render standard driving lamps inoperable.

### Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

### Specifications

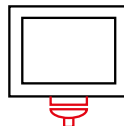
Bulb:	H4 - T8 optional
Light pattern:	ECE High / Low Beam ECE Pilot Light optional
Voltage:	12V, 24V
Intensity:	2,92 Amp @ 24V (Low Beam)
Operating Temp:	-40°C to +85°C
Salt Spray:	ISO 9227
Housing:	lacquered steel housing
Lens:	glass lens

### Connection



Grommet

### Mounting



Pedestal Swivel



# ABL

## Accessories







p.51

**ALPHA 175 LED**



p.53

**ALPHA 225 PRO XENON**



p.54

**ALPHA 225 XENON**



p.59

**ALPHA 225 PRO**



p.60

**ALPHA 225**



p.65

**ABL 500 LED SL**



p.71

**ABL 424**



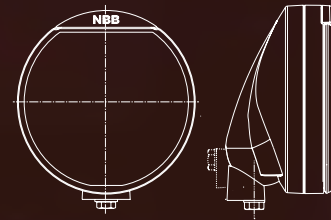
p.72

**ABL 824**

# Accessories Auxiliary Lights

**LED** range

**p. 50**



p.55

**ALPHA 175 XENON**

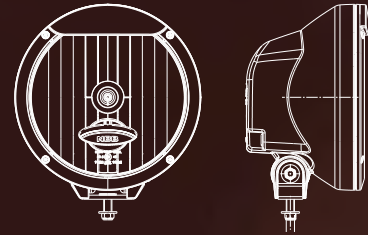


p.56

**BETA XENON**

**XENON** range

**p. 52**



p.61

**ALPHA 175**

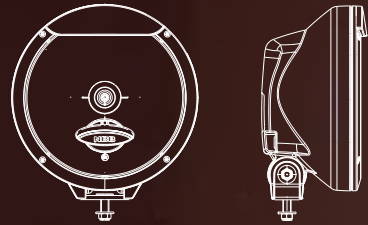


p.62

**BETA**

**HALOGEN** range

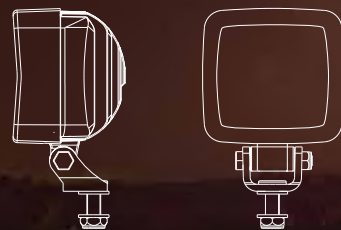
**p. 58**



# Accessories Service Lights

**LED** range

**p. 64**



p.66

**ABL 500 LED 850 Reverse**

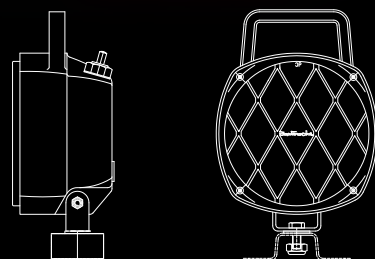


p.68

**ABL 500 LED 1200 Reverse**

**HALOGEN** range

**p. 70**



p.73

**ABL 500 H3 Reverse**



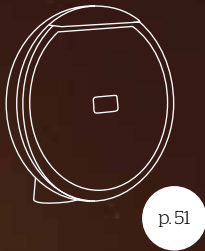
# ACCESSORIES

## **ABL LED** range

---

**Professional LED Auxiliary lamps for on road and off road vehicles:**

- 50 times halogen lifetime
- 80% less power consumption than halogen
- similar to day light color
- reduced weight and vibration resistant



**ALPHA 175 LED**

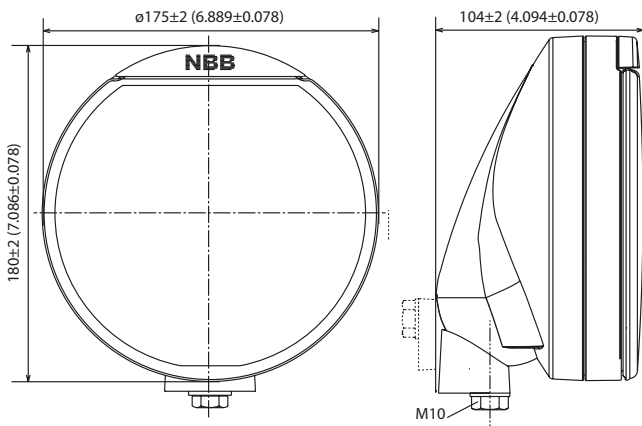


## Accessories - Auxiliary Lights

# Alpha 175 LED

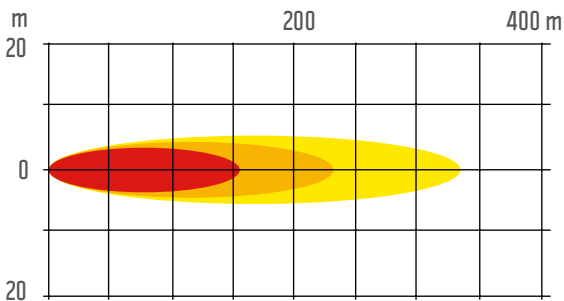
Alpha 175 LED is a compact depth auxiliary light designed for off and on road applications. The full LED optical unit offers unmatched resistance to vibration and ensures added safety through outstanding performance.

### Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

### Light Patterns



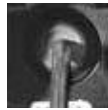
ECE Broad 25



### Specifications

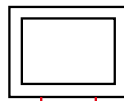
Bulb	LED module
Color Temperature	5700 °K
Light pattern	ECE Pilot Light LED ECE Broad Class 25
Consumption	8W
Voltage	multi voltage 12 V, 24V
Intensity	0,33 Amp @ 24 Vdc
Operating Temp	-40°C to +60°C
Polarity	protected against reverse voltage
Weight	1,1 Kg
Water Tightness	IP 68 - IP 69K
Salt Spray	ISO 9227 - 240h
Housing	black fibre reinforced plastic
Lens	hardened glass
Reflector	free form steel reflector

### Connection

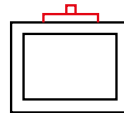


Wiring harness

### Mounting



Pedestal



Suspended

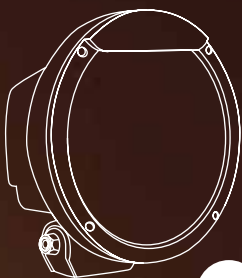
# ACCESSORIES

## **ABL Xenon** range

---

**Professional HID Auxiliary lamps for on road and off road vehicles:**

- 10 times halogen lifetime
- similar to daylight color
- powerful and homologated



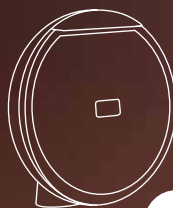
p.53

**ALPHA 225 PRO XENON**



p.54

**ALPHA 225 XENON**



p.55

**ALPHA 175 XENON**



p.56

**BETA XENON**

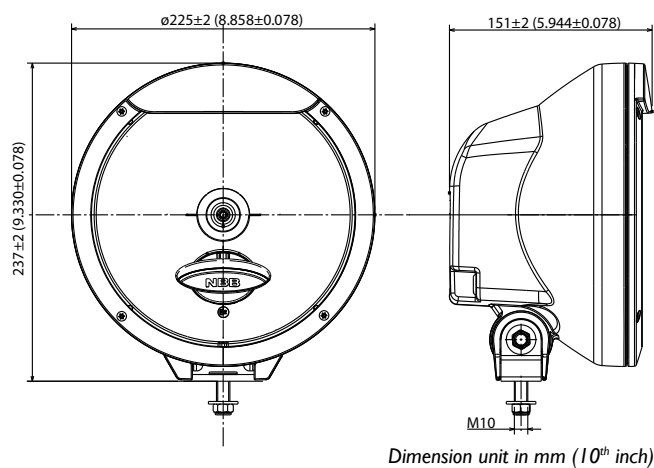


# Accessories - Auxiliary Lights

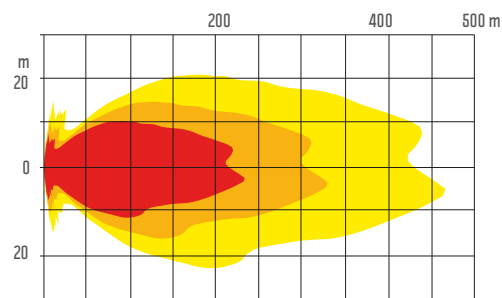
## Alpha 225 Pro Xenon

Alpha 225 Pro Xenon is an auxiliary light with a robust aluminum housing and bezel. The HID (Xenon) bulb offers three times the light with lower power consumption than halogen. Alpha 225 Pro is also more resistant to vibration and ensures added safety through outstanding performance.

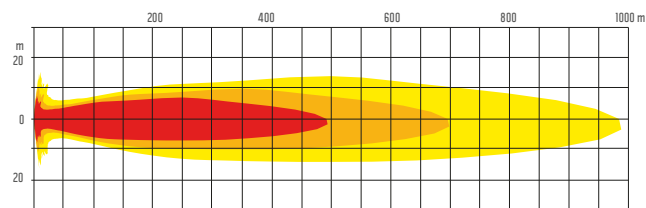
### Dimensions



### Light Patterns



ECE Broad 45



Off road pencil



### Specifications

Bulb:	35W D1S, Gen 5 integrated ballast
Light pattern:	ECE Position Light LED ECE Broad 45 Off Road Pencil
Consumption:	43W
Voltage:	12V, 24V
Intensity:	1,8 Amp @ 24 Vdc
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	aluminum
Lens:	hardened glass
Reflector:	aluminum

### Connection



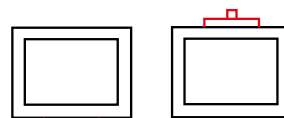
Grommet    Wiring harness

### Options



Black Bezel    Blue Lens

### Mounting



Pedestal    Suspended



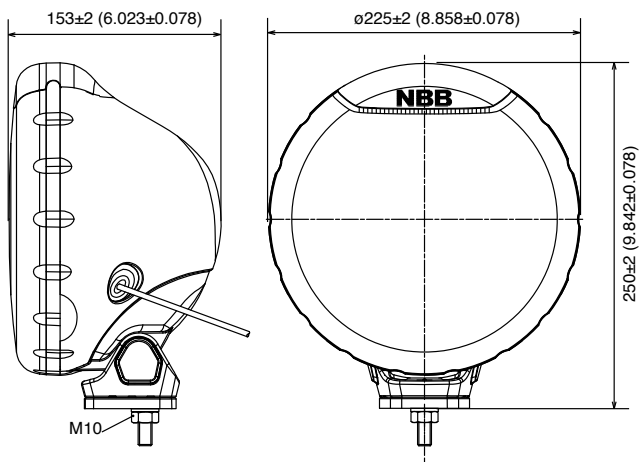


## Accessories - Auxiliary Lights

# Alpha 225 Xenon

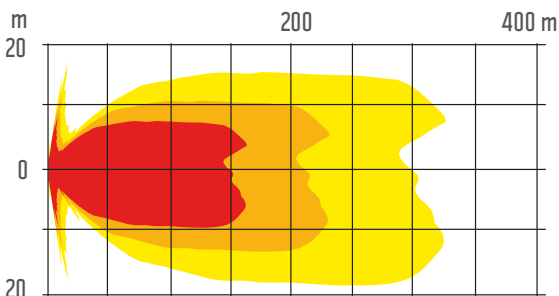
Alpha 225 Xenon is an auxiliary light equipped with an HID (Xenon) bulb. The HID (Xenon) bulb offers three times the light with lower power consumption than halogen. Alpha 225 Xenon will both widen and extend your normal vehicle head lamps through outstanding performance.

### Dimensions

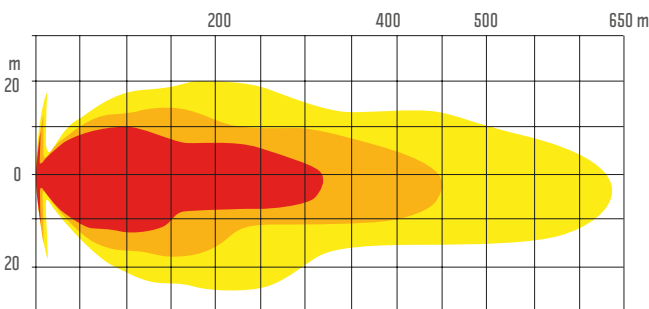


Dimension unit in mm (10<sup>th</sup> inch)

### Light Patterns



ECE Broad 20



Off road broad

### Specifications

Bulb:	35W D1S, Gen 5 integrated ballast
Light pattern:	ECE Position Light LED ECE Broad 20 Off Road Broad Off Road Pencil
Consumption:	43W
Voltage:	12V, 24V
Intensity:	1,8 Amp @ 24 Vdc
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	plastic lens
Reflector:	plastic

### Connection



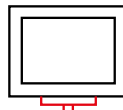
Wiring harness

### Options

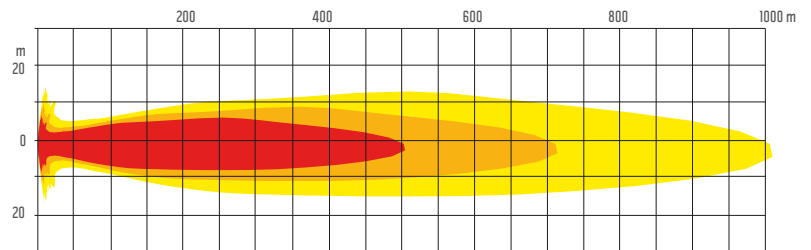


Blue Lens

### Mounting



Pedestal



Off road pencil

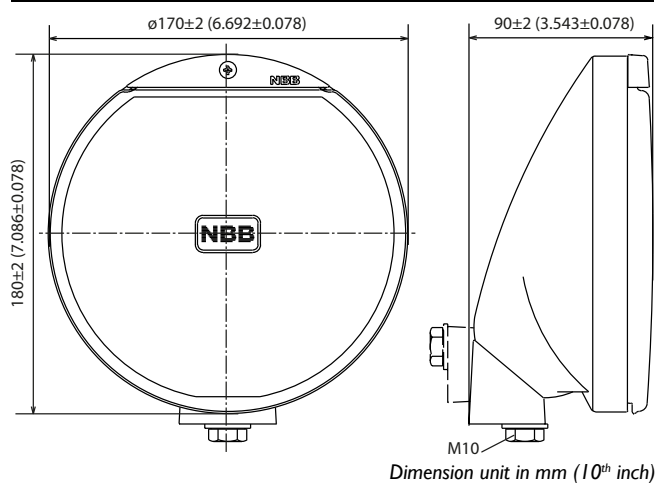


## Accessories - Auxiliary Lights

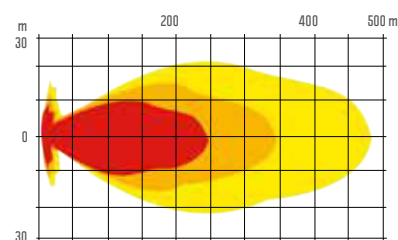
# Alpha 175 Xenon

Alpha 175 Xenon auxiliary light is designed for off and on road applications. The HID (Xenon) bulb offers three times the light with lower power consumption than halogen.

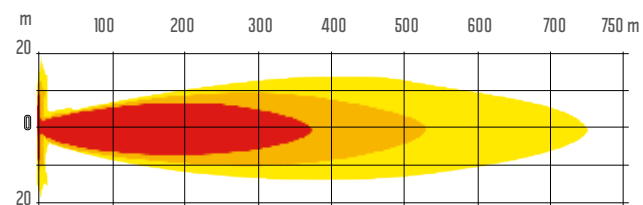
## Dimensions



## Light Patterns



Off road broad



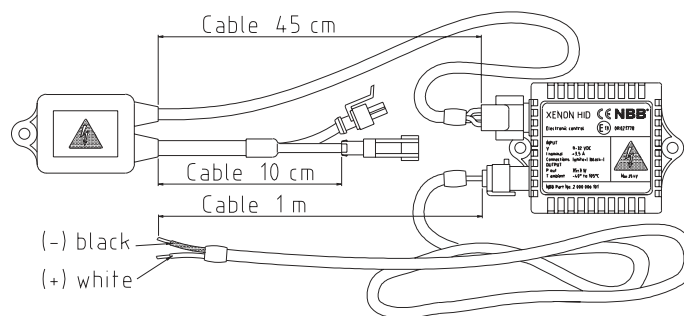
Off road pencil



## Specifications

Bulb:	35W Xenon H3, external ballast
Light pattern:	Off Road Broad Off Road Pencil
Consumption:	43W
Voltage:	multi voltage 9-32V
Intensity:	1,8 Amp @ 24 Vdc
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass
Reflector:	steel

## Ballast

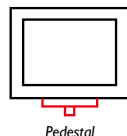


## Options



Blue Lens

## Mounting



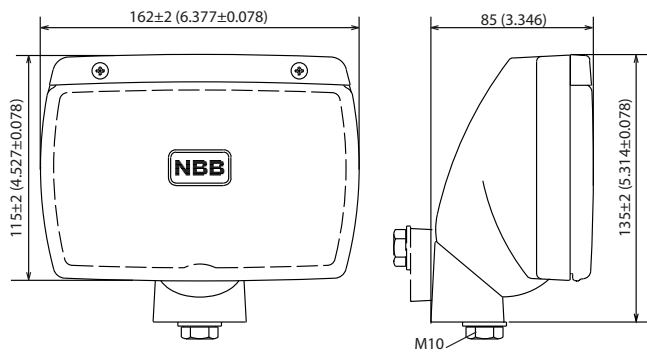


# Accessories - Auxiliary Lights

## Beta Xenon

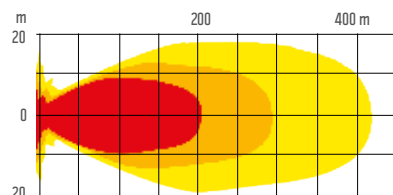
Beta Xenon is an auxiliary full beam light built to the most stringent quality demands. It is equipped with an HID (Xenon) bulb that delivers three times the light compared to the traditional halogen with lower power consumption.

### Dimensions

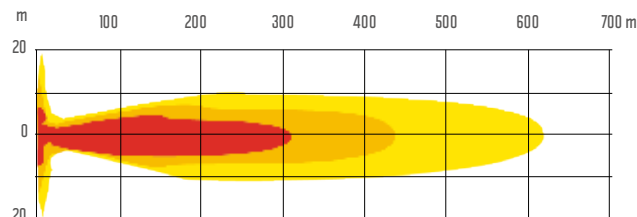


Dimension unit in mm (10<sup>th</sup> inch)

### Light Patterns



Off road broad



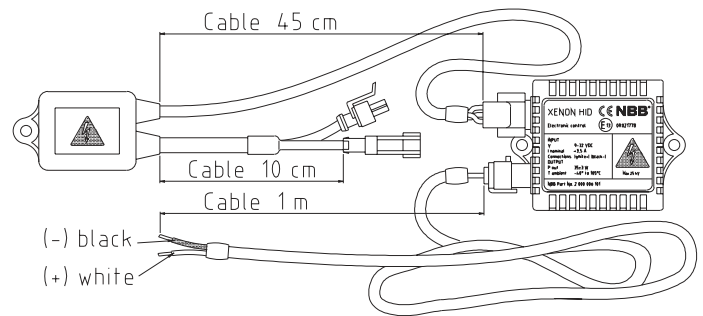
Off road pencil



### Specifications

Bulb:	35W Xenon H3, external ballast
Light pattern:	Off Road Broad Off Road Pencil
Consumption:	43W
Voltage:	multi voltage 9-32V
Intensity:	1,8 Amp @ 24 Vdc
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass
Reflector:	steel

### Ballast

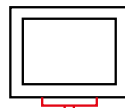


### Options



Blue Lens

### Mounting



Pedestal

# Alpha 225 Pro

A full range of Xenon and Halogen auxiliary lights in aluminum for professional users.



with LED Pilot light



with blue lens



with black bezel



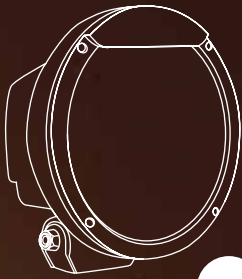
# ACCESSORIES

## ABL Halogen range

---

Professional Halogen Auxiliary lamps for on road and off road vehicles:

- robust design
- affordable lighting upgrade
- easy maintenance



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ALPHA 225 PRO



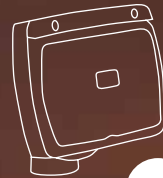
p.60

ALPHA 225



p.61

ALPHA 175



p.62

BETA

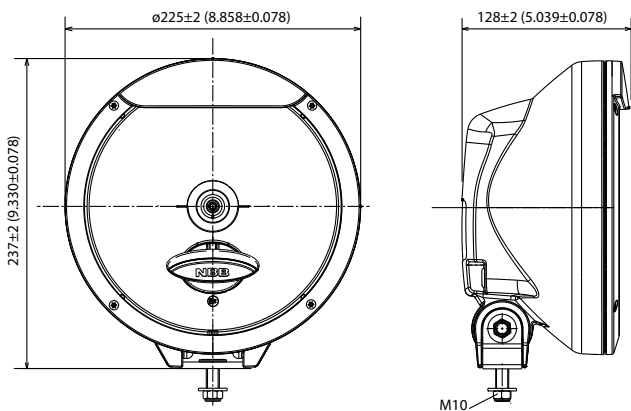


# Accessories - Auxiliary Lights

## Alpha 225 Pro

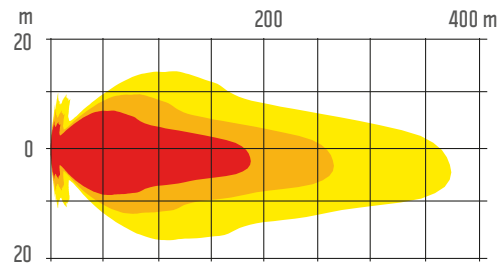
Alpha 225 Pro Halogen is an auxiliary light with a robust aluminum housing and bezel. This light both widens and extends your normal head light pattern. Alpha 225 Pro is also more resistant to vibration and ensures added safety through outstanding performance.

### Dimensions

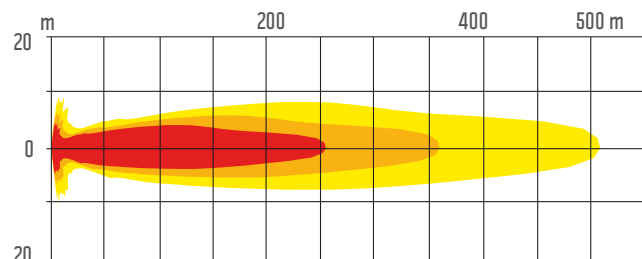


Dimension unit in mm (10<sup>th</sup> inch)

### Light Patterns



ECE Broad 37,5



Off road pencil



### Specifications

Bulb:	H1 bulb
Light pattern:	ECE Position Light LED ECE Broad 37,5 Off Road Pencil
Consumption:	70W max
Voltage:	12V, 24V
Intensity:	2,92 Amp @ 24V (for 24V 70W bulb)
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	aluminum
Lens:	hardened glass
Reflector:	aluminum

### Connection



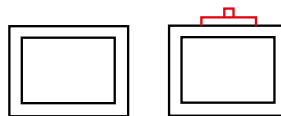
Grommet      Wiring harness

### Options



Black Bezel      Blue Lens

### Mounting



Pedestal      Suspended

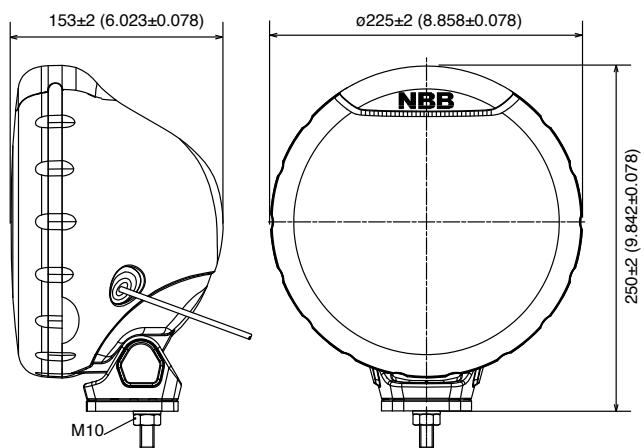


## Accessories - Auxiliary Lights

# Alpha 225

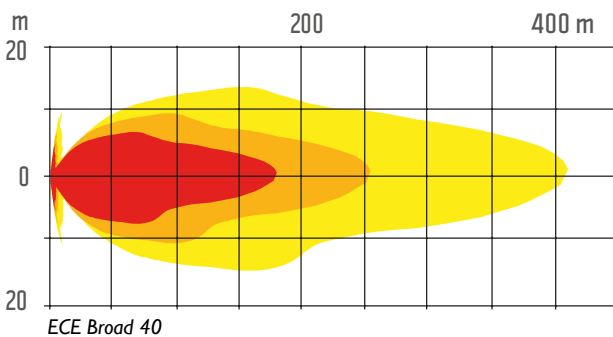
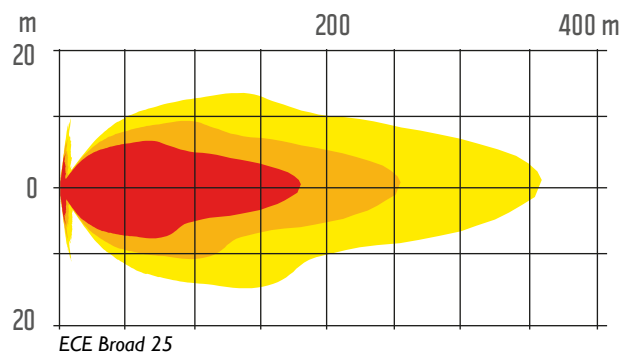
Alpha 225 Halogen is an auxiliary full beam light. This light both widens and extends the normal head light pattern of your vehicle to ensure added safety through outstanding performance.

### Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

### Light Patterns



### Specifications

Bulb:	H1 bulb
Light pattern:	ECE Position Light LED ECE Broad 25 ECE Broad 40 Off Road Pencil
Consumption:	70W max
Voltage:	12V, 24V
Intensity:	2,92 Amp @ 24V (for 24V 70W bulb)
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	plastic lens
Reflector:	plastic

### Connection



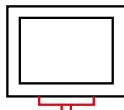
Wiring harness

### Options

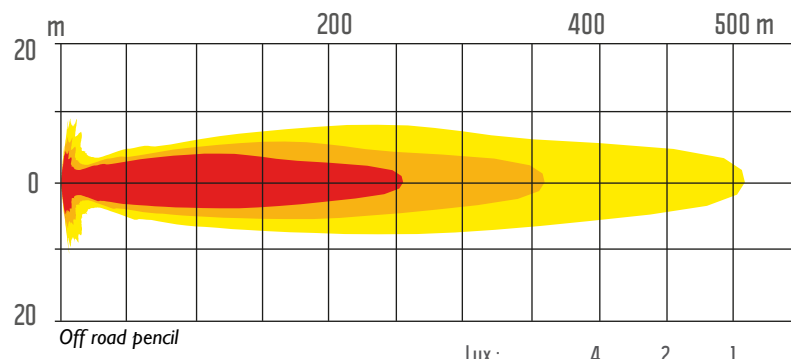


Blue Lens

### Mounting



Pedestal



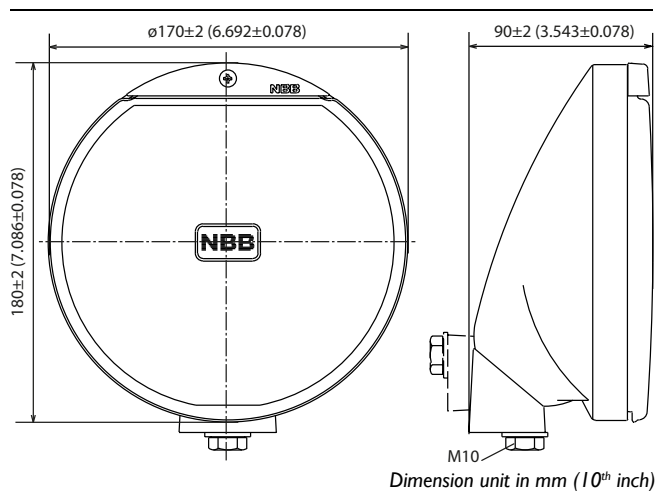


## Accessories - Auxiliary Lights

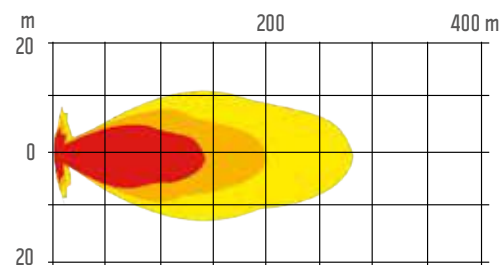
# Alpha 175

Alpha 175 Halogen is an auxiliary full beam light built to the most stringent quality demands. This light both widens and extends the normal head light pattern of your vehicle for added vision while driving.

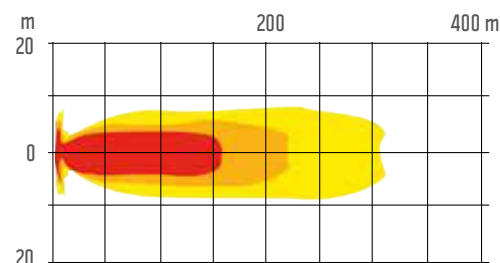
### Dimensions



### Light Patterns



Off road broad



Off road pencil



### Specifications

Bulb:	H1 bulb
Light pattern:	Off Road Broad Off Road Pencil
Consumption:	70W max
Voltage:	12V, 24V
Intensity:	2,92 Amp @ 24V (for 24V 70W bulb)
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass
Reflector:	steel

### Connection



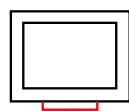
Grommet

### Options



Blue Lens

### Mounting



Pedestal



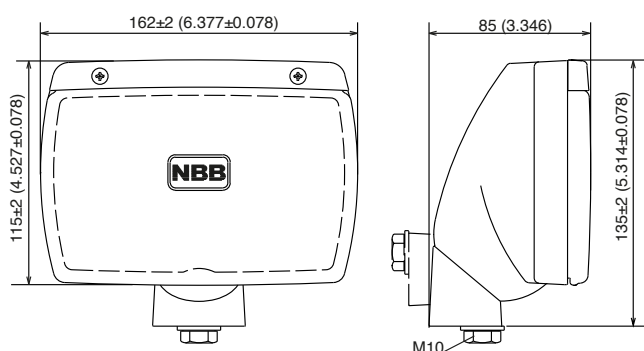


## Accessories - Auxiliary Lights

# Beta

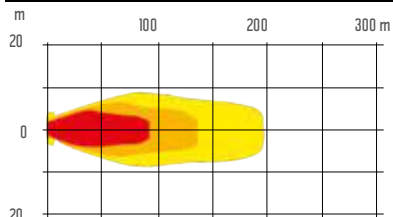
Beta Halogen is an auxiliary full beam light built to the most stringent quality demands. Beta Halogen both widens and extends your normal full beam. With Beta auxiliary lamps you obtain more safety in your driving.

### Dimensions

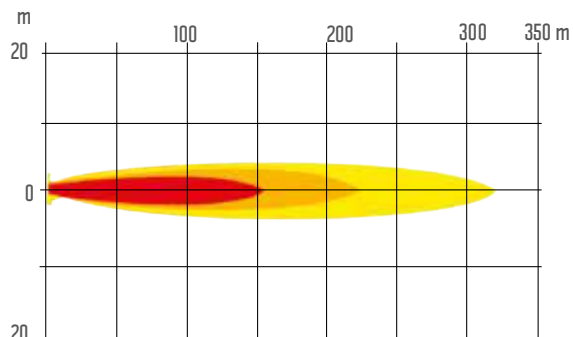


Dimension unit in mm (10<sup>th</sup> inch)

### Light Patterns



Off road broad



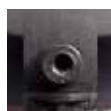
Off road pencil



### Specifications

Bulb:	H1 bulb
Light pattern:	Off Road Broad Off Road Pencil
Consumption:	70W max
Voltage:	12V, 24V
Intensity:	2,92 Amp @ 24V (for 24V 70W bulb)
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass
Reflector:	steel

### Connection



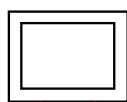
Grommet

### Options



Blue Lens

### Mounting



Pedestal

# Alpha 175 LED

This new Alpha 175 LED Broad 25 opens the range of NBB full LED auxiliary lights with an homologated version, High Beam ECE class 25 and LED Pilot Light, through a unique, efficient and innovative design.



E homologated  
Pilot light



front deicing  
system

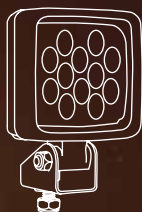
# ACCESSORIES

## **ABL LED** range

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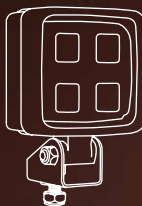
**Highest efficiency solution for professional users:**

- highest lifespan
- low power consumption
- safer daylight color



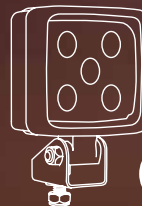
p.65

**ABL 500 LED SL**



p.66

**ABL 500 LED 850 Reverse**



p.68

**ABL 500 LED 1200 Reverse**



## Accessories - Service Lights

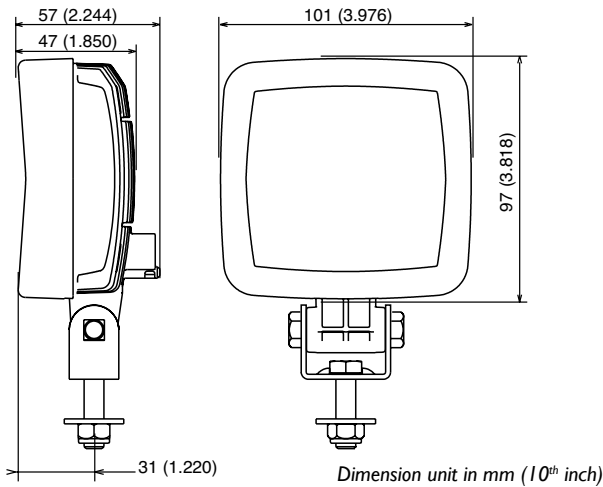
# ABL 500 LED SL

The ABL 500 LED series work lights are designed to exceed everyday demands in all applications. Through this Service light version, ABL provides an attractive LED product for close range lighting needs. ABL 500 LED SL offers a very low consumption solution where high reliability and cost efficiency are required.

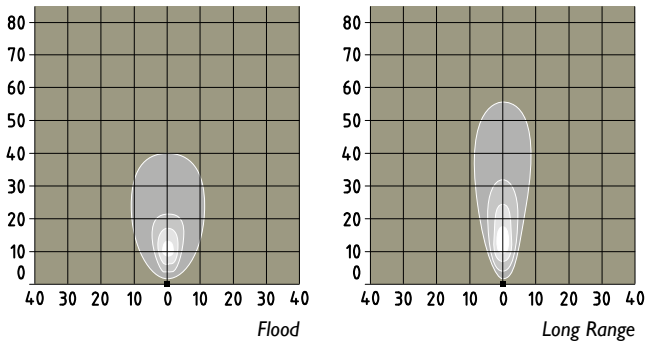
### Specifications

Bulb	12 LED
Lifetime	20 000 hours
Color temperature	6000K
Light pattern	Flood - Long Range
Consumption	6W
Voltage	multi voltage 12-24V
Intensity	0,25 Amp @ 24V
Polarity:	protected against reverse voltage
Water Tightness	IP 68 - IP 69K
Operating Temp	-40°C to +60°C
Salt Spray	ISO 9227
Housing	plastic-aluminum
Lens	hardened glass
Reflector	free form reflector
Warranty	20 000 operating hours or 4 years

### Dimensions



### Light Patterns



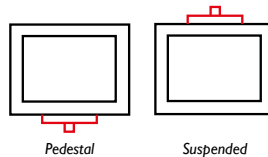
### Connection



Built-in  
AMP 2 ways

Built-in  
DT 2 ways

### Mounting





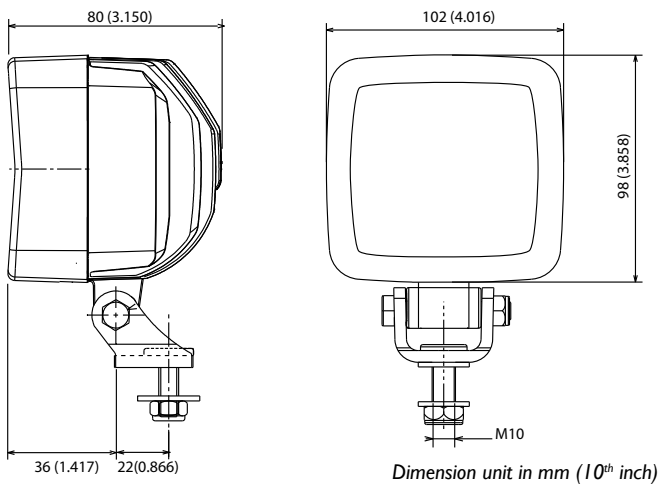


## Accessories - Service Lights

# 500 LED 850 Reverse

The ABL 500 LED series work lights are designed to exceed day to day demands in all applications. LED Backlight 500 LED are dedicated for homologated reverse light systems requested by truck and vehicle road regulations. This family of 500 LED provides a very low consumption solution where high reliability and cost efficiency are required for professional homologated reverse lights.

### Dimensions



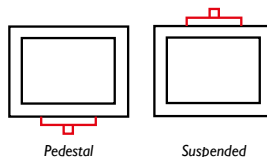
### Specifications

Bulb:	4 LED or 5 LED
Lifetime:	20 000 hours
Color temperature:	6000K
Light pattern:	ECE Reverse Light R23 - ADR Approved
Consumption:	18W
Voltage:	Multi 12-24V
Intensity:	0,75 Amp @ 24V
Polarity:	protected against reverse voltage
Water Tightness:	IP 68 - IP 69K
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	aluminum
Lens:	hardened glass
Reflector:	multi lens system
Warranty:	20 000 operating hours or 4 years

### Connection



### Mounting





**Accessories - Service Lights**

# **ABL 500 LED SL**

- Halogen equivalent LED Service Light
- wide powerful LED beam
- flat and efficient product



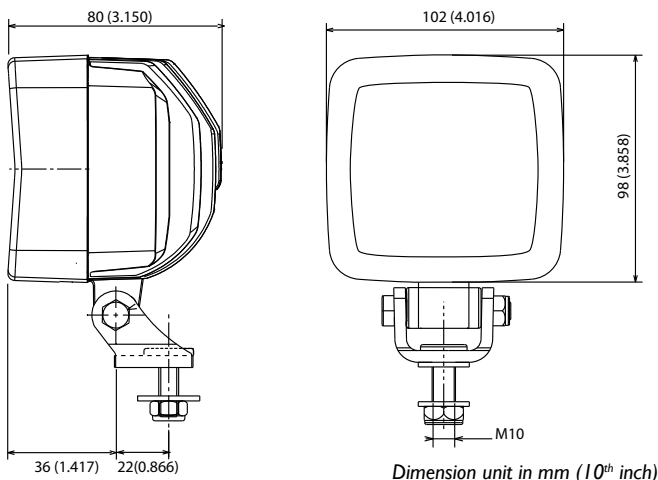


## Accessories - Service Lights

# 500 LED 1200 Reverse

The ABL 500 LED series work lights are designed to exceed everyday demands in all applications. LED Backlight 500 LED are dedicated for homologated reverse light systems requested by truck and vehicles road regulations. This family of 500 LED provides a very low consumption solution where high reliability and cost efficiency are required for professional homologated reverse lights.

## Dimensions



Dimension unit in mm (10<sup>th</sup> inch)

## Specifications

Bulb:	5 LED - 1200 Lumen
Lifetime:	20 000 hours
Color temperature:	6000K
Light pattern:	ECE Reverse Light R23 - ADR Approved
Consumption:	20W
Voltage:	Multi 12-24V
Intensity:	0,82 Amp @ 24V
Polarity:	no polarity
Water Tightness:	IP 68 - IP 69K
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	aluminum
Lens:	hardened glass
Reflector:	multi lens system
Warranty:	20 000 operating hours or 4 years

## Connection

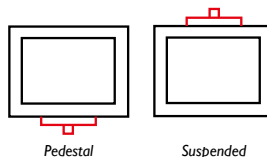


Built-in  
AMP 2 ways

Built-in  
DT 2 ways

Wiring Harness

## Mounting



Pedestal

Suspended







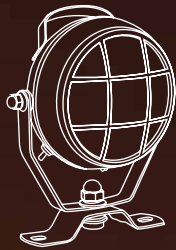
# ACCESSORIES

## **ABL Halogen** range

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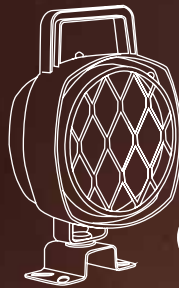
**Professional and cost efficient solution:**

- robust design
- affordable lighting equipment
- easy maintenance



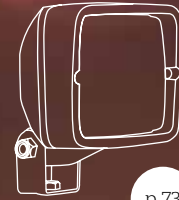
p.71

**ABL 424 H3**



p.72

**ABL 824 H3**



p.73

**ABL 500 H3 Reverse**



## Accessories - Service Lights

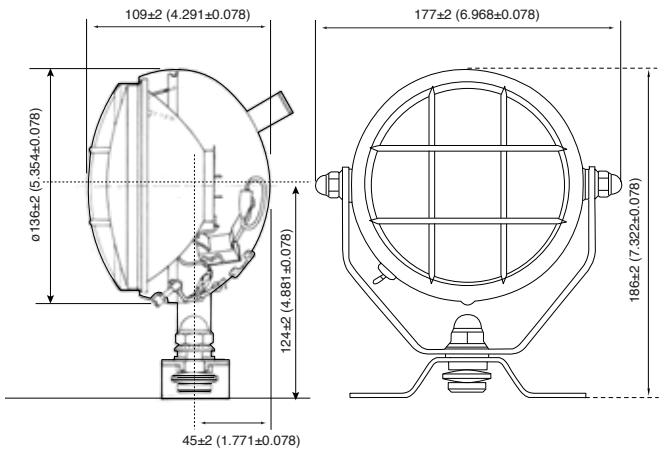
# ABL 424 H3

Catering for the needs of the professional, the ABL 424 is well suited to emergency vehicles and other specialty applications. ABL 424 is robust with a steel lacquered housing equipped with a handle.

## Specifications

Bulb:	H3 bulb, 70W max
Light pattern:	Flood
Voltage:	12V, 24V, 36V, 48V, 80V
Intensity:	2,92 Amp @ 24V (for 24V 70W bulb)
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	laquered steel
Lens:	glass
Reflector:	steel

## Dimensions



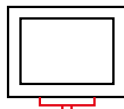
Dimension unit in mm (10<sup>th</sup> inch)

## Connection



Grommet

## Mounting



Pedestal



## Accessories - Service Lights

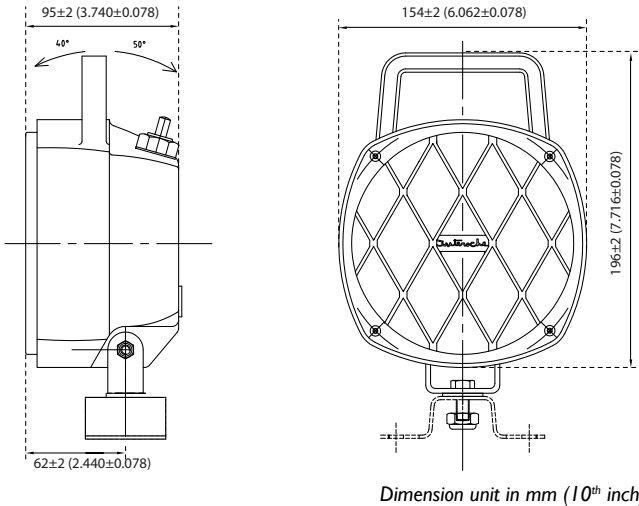
# ABL 824 H3

Catering for the needs of the professional, the ABL 824 is well suited to emergency vehicles and other specialty applications. ABL 824 is equipped with a handle.

## Specifications

Bulb:	H3 bulb, 70W max
Light pattern:	Flood
Voltage:	12V, 24V, 36V, 48V, 80V
Intensity:	2,92 Amp @ 24V (for 24V 70W bulb)
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	black plastic
Lens:	glass
Reflector:	steel

## Dimensions



## Connection



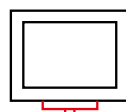
Grommet

## Options



Amber glass

## Mounting



Pedestal



## Accessories - Service Lights

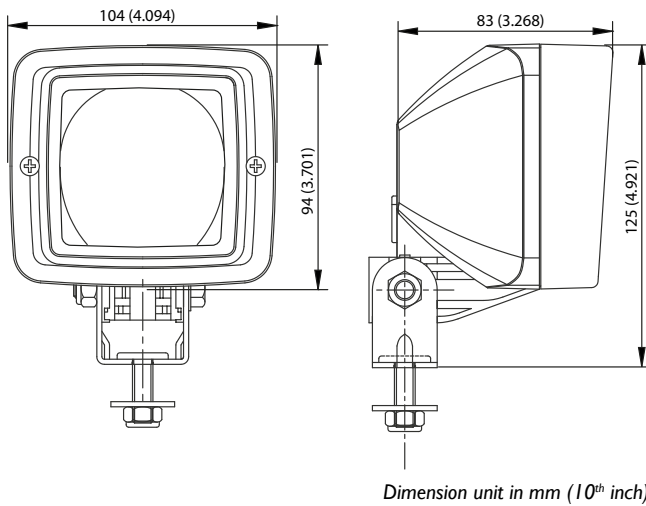
# 500 H3 Reverse

The ABL 500 series halogen is designed for tough work environments. With a fibre reinforced plastic housing and hardened glass lens, this Backlight 500 H3 Reverse series are dedicated for homologated reverse light systems requested by truck and vehicles road regulations.

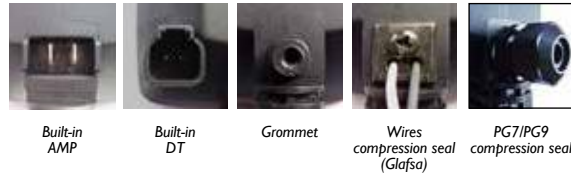
### Specifications

Bulb:	H3 bulb, 70W max
Light pattern:	Flood ECE R23 - ADR Approved
Voltage:	12V, 24V, 36V, 48V, 80V
Intensity:	2,92 Amp @ 24V (for 24V 70W bulb)
Operating Temp:	-40°C to +60°C
Salt Spray:	ISO 9227
Housing:	black fibre reinforced plastic
Lens:	hardened glass
Reflector:	aluminum

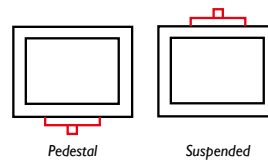
### Dimensions



### Connection



### Mounting





# ABL

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## Railways

**ABL Lights Group is a leading lighting supplier in the Railway segment.**

ABL Lights Group is a leading lighting supplier in the Railway segment.

Since more than 40 years, ABL Lights Group is the lighting partner of Railway manufacturers and proposes solutions to Railway designers, from standard Halogen Products to innovative LED custom designs.

Our constant strategy to follow the customer demand in every detail made ABL Lights Group invest in LED technology more than 15 years ago to solve maintenance cost issues.

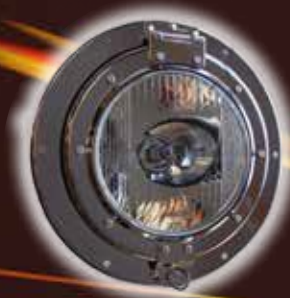
Constant progress and long return of experience allowed ABL Lights to become the first European company to supply Homologated Driving Lights full LED.



## **LED** *technology*



## **HALOGEN** *technology*



**Work Lights**

**ABL LED range**

Square LED



p.11



p.12



p.14



p.15

ABL 500 LED 850

ABL 500 LED 1200

ABL 500 LED 2000

ABL 500 LED 3000

Round LED



p.19



p.20

ABL 700 LED 850

ABL 700 LED 3000

**ABL Xenon range**



p.25



p.26

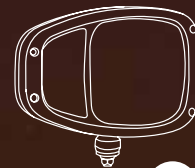
ABL 500 Xenon

ABL 700 Xenon

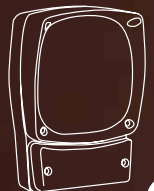
**ABL Halogen range**

**Driving Lights**

**ABL Driving Lights range**



p.39



p.40

ABL 3800

ABL 3005

**Auxiliary Lights**

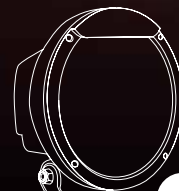
**ABL LED range**



p.51

ALPHA 175 LED

**ABL Xenon range**



p.53



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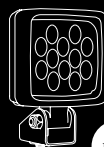
ALPHA 225 PRO Xenon

ALPHA 225 Xenon

**ABL Halogen range**

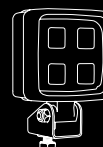
**Service Lights**

**ABL LED range**



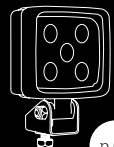
p.65

ABL 500 LED SL



p.66

ABL 500 LED 850 Reverse



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ABL 500 LED 1200 Reverse

**ABL Halogen range**



Heavy LED



p.22

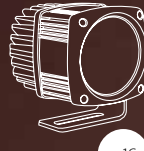
ABL 2500 LED 3000



p.23

ABL 2500 LED 5000

My LED



p.16

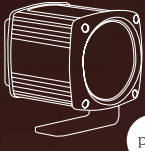
ABL My LED

Signal LED



p.17

ABL 500 LED Blue



p.28

ABL My Xenon



p.29

ABL Gamma Xenon



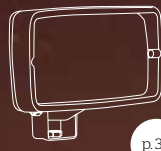
p.31

ABL 500 H3



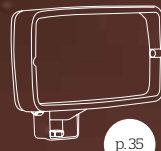
p.32

ABL 700 H3



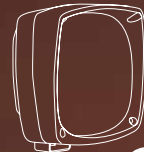
p.34

ABL 1100 H3



p.35

ABL 1500 H3



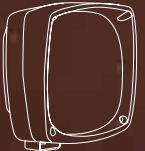
p.36

ABL 2500 H3



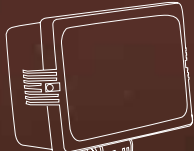
p.37

ABL 172 H3



p.41

ABL 2505



p.43

ABL 613



p.44

ABL 127



p.44

ABL 137



p.45

ABL 172



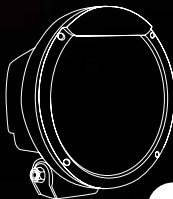
p.55

ALPHA 175 Xenon



p.56

BETA Xenon



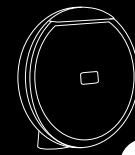
p.59

ALPHA 225 PRO



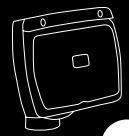
p.60

ALPHA 225



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ALPHA 175



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BETA



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ABL 424 H3



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ABL 824 H3



p.73

ABL 500 H3 Reverse

**2015 Release**

[www.abllights.com](http://www.abllights.com)



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