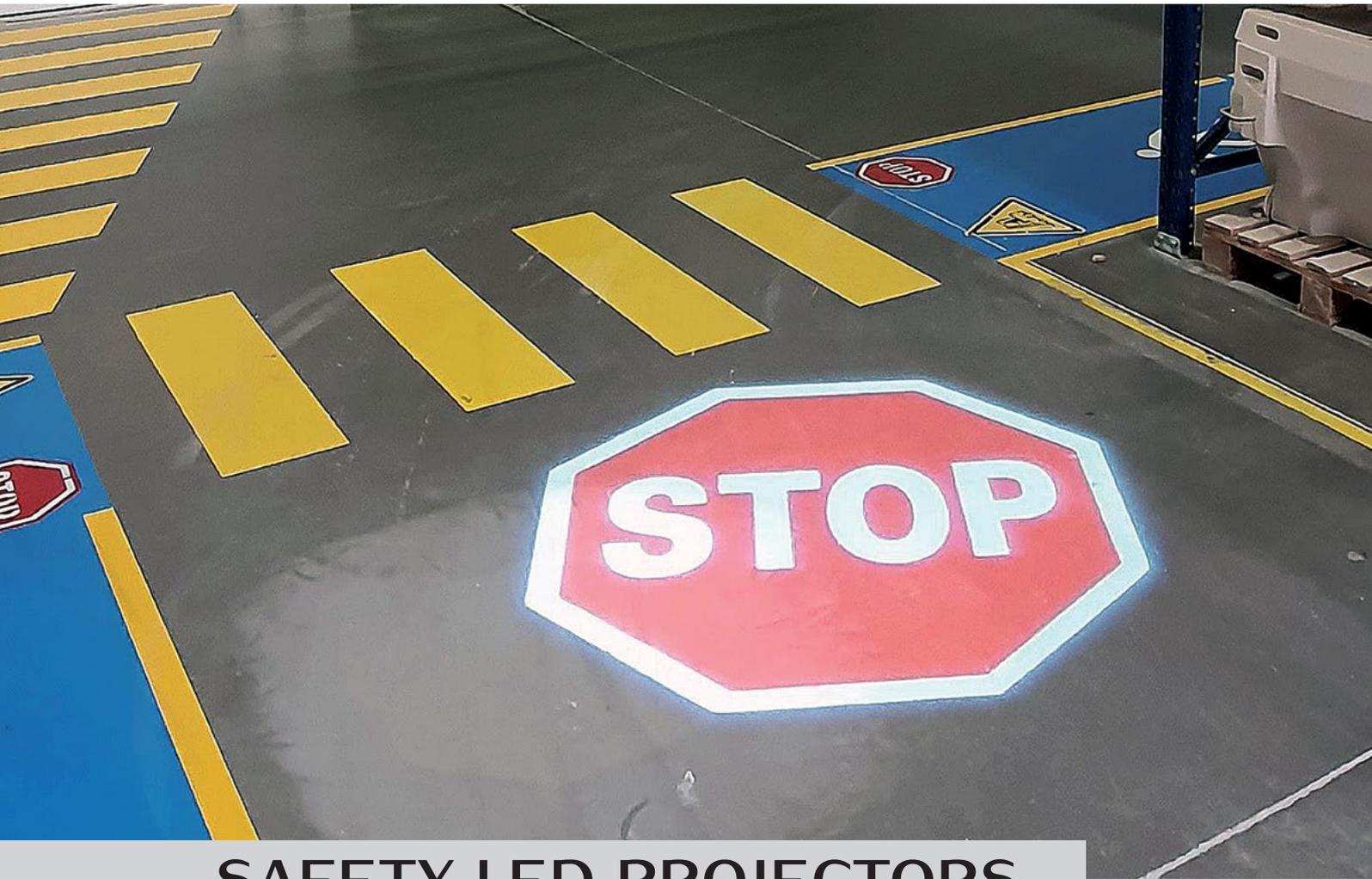


# ELM LED



**elMeTRAL**  
LABELLING AND SIGNAGE



## SAFETY LED PROJECTORS

We are able to produce any kind of symbol/text in any colours

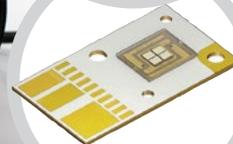
**ROTATABLE SIGNS**



  
**WATERPROOF  
IP 65**



**Remote control**



**Longlife OSRAM LED CHIPS**



**Highs resolution optical lens**



**Aluminum Alloy shell**



# SAFETY LED PROJECTORS



The high quality **LED projectors** are a smart and innovative solution in modern safety and logistics. This solution can protect human lives as well as direct smooth traffic flow in the logistics warehouses.

## BENEFITS

- Long life span – 30 000 h.
- Indelible identification
- Economical and efficient

## LED MARKING

### ACCORDING TO YOUR REQUIREMENTS

The projected image is easy to see, doesn't come off, will not wear out, it can be also turned ON and OFF. You can also change and shift the projected symbols. Such marking is highly visible and attract attention. You can project any indicator, navigation symbols and pictograms eg. In shopping centers, airports, railway stations, public or industrial areas, warehouses and factory floors.

  
**WATERPROOF**  
**IP 65**

  
**ROTATABLE**  
**SIGNS**

**REMOTE CONTROL**



## LED 30 W

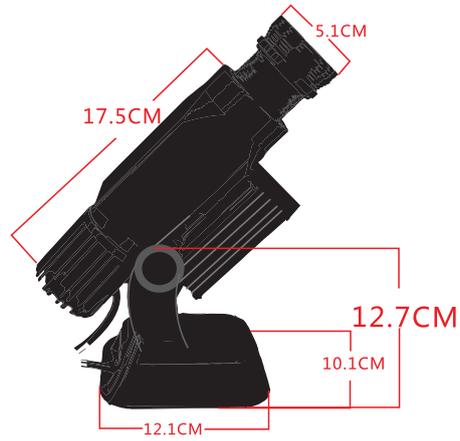
Equipped a single high-power OSRAM LED chip. According to watt optimized drive solution, under hundreds of testing, realize luminous efficacy above 90%. Heat sink's 80% is made from model 1070 aluminum, heat dissipation up to 95%.

Turn On/Off and Rotating/Stop functions are controllable by switch key or remote.

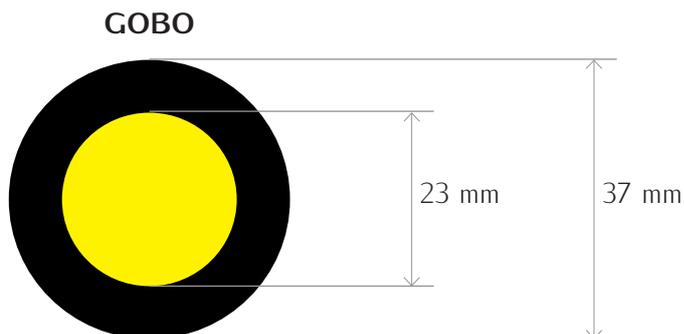
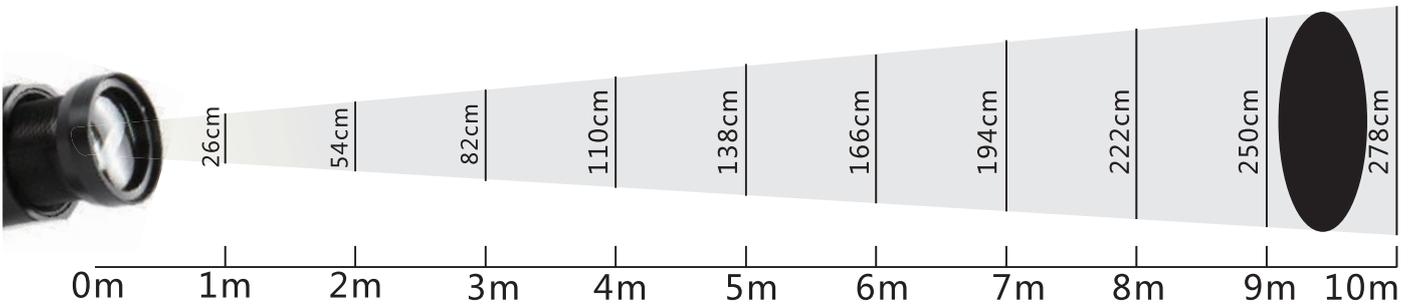
Beam angle is 15°.



# SAFETY LED PROJECTORS



Colors	black
LED chips	1x30W OSRAM
Beam angle	15 °
Input voltage	220V
Lifespan	30 000 h
Projection distance	5 m (light areas), 10 m (darkened) do 30 m (dark areas)
Waterproof	IP20 / IP65
GOBO sizes	37 mm / 23 mm (sign)
Lamp size	230 x 170 x 100 mm
NET weight	1350 g



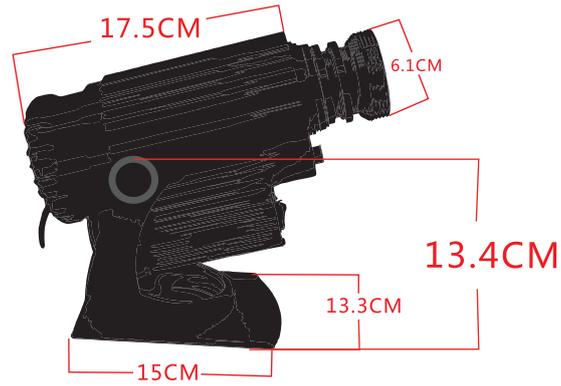


## LED 40 W

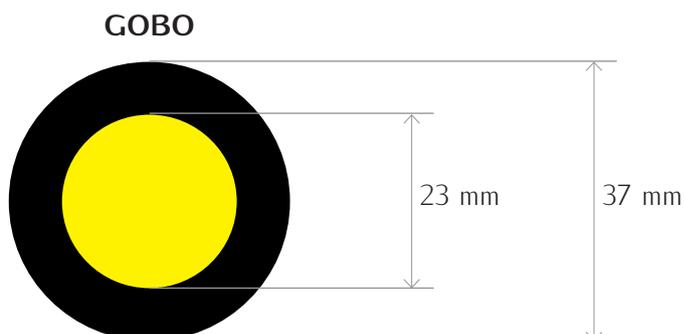
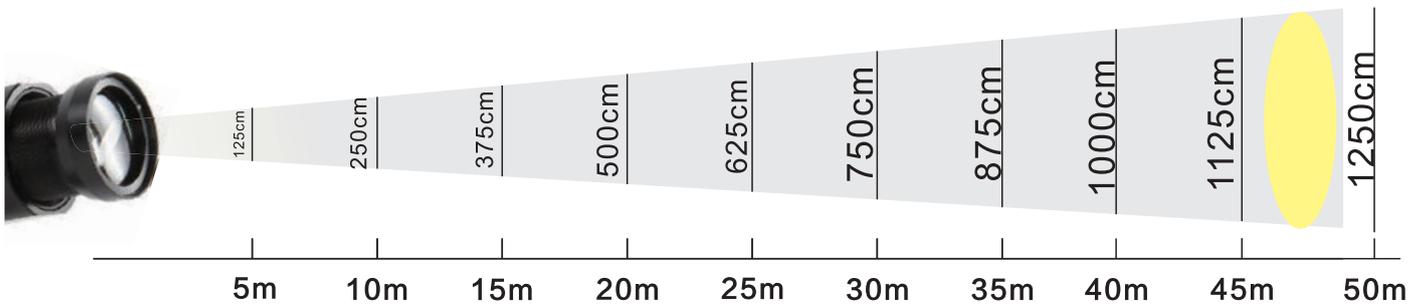
The master of outdoors advertising, high lumen series possesses low power, far distance, super HD. Equipped original high-power OSRAM LED chip, super heat-conducting copper board. Heat sink's 80% is made from model 1070 Aluminum, heat dissipation up to 95% independent research and develop drive solution, even eletrolisis are used for 30,000 hours, realize luminous efficacy above 90%. Turn On/Off and Rotating/Stop functions are controllable by switch key or remote. Beam angle are 15° / 25° / 35° / 45° for your selection.



# SAFETY LED PROJECTORS



Colors	black
LED chips	1x40W OSRAM
Beam angle	15° / 25° / 35° / 45°
Input voltage	220V
Lifespan	30 000 h
Projection distance	to 50 m to 80 m (darkness)
Waterproof	IP65
GOBO sizes	37 mm / 23 mm (sign)
Lamp size	230 x 165 x 140 mm
NET weight	2380 g





## LED 60 W

High lumen series possesses low power, far distance, super HD. Equipped original high-power OSRAM LED chip, super heat-conducting copper board.

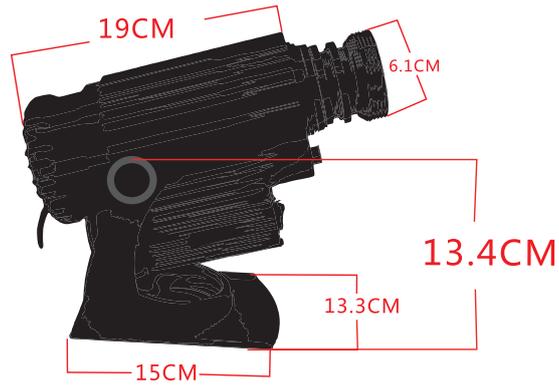
Heat sink's 80% is made from model 1070 Aluminum, heat dissipation up to 95% independent research and develop drive solution, even eletrolysis are used for 30,000 hours, realize luminous efficacy above 90%.

Turn On/Off and Rotating/Stop functions are controllible by switch key or remote.

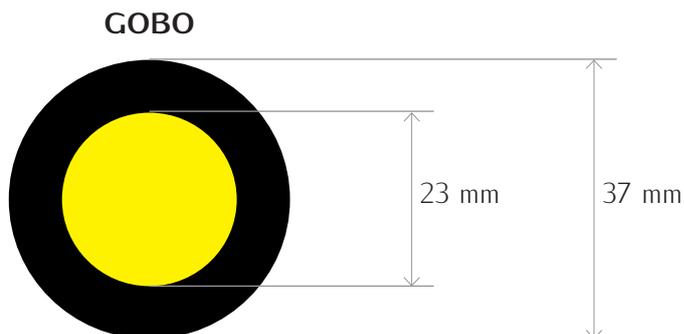
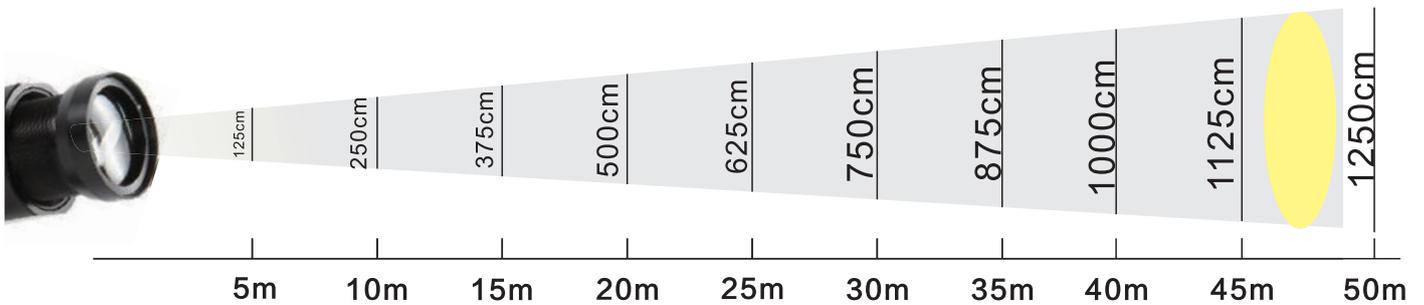
Beam angle are 15° / 25° / 35° / 45° for your selection.



# SAFETY LED PROJECTORS



Colors	black
LED chips	1x60W OSRAM
Beam angle	15° / 25° / 35° / 45°
Input voltage	AC 85 - 265 V
Lifespan	30 000 h
Projection distance	up to 50 m up to 120 m (darkness)
Waterproof	IP65
GOBO sizes	37 mm / 23 mm (sign)
Lamp size	270 x 170 x 140 mm
NET weight	2685 g





## LED 80 W

High lumen series possesses low power, far distance, super HD. Equipped original high-power OSRAM LED chip, super heat-conducting copper board.

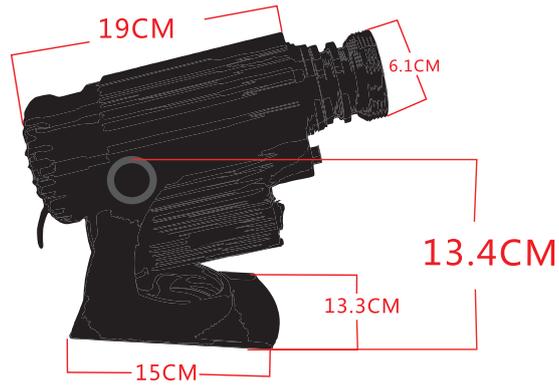
Heat sink's 80% is made from model 1070 Aluminum, heat dissipation up to 95% independent research and develop drive solution, even eletrolysis are used for 30,000 hours, realize luminous efficacy above 90%.

Turn On/Off and Rotating/Stop functions are controllible by switch key or remote.

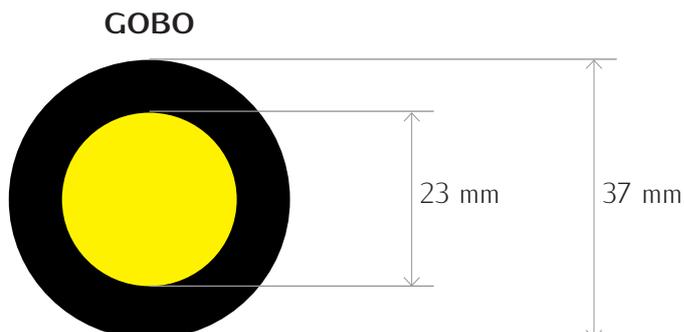
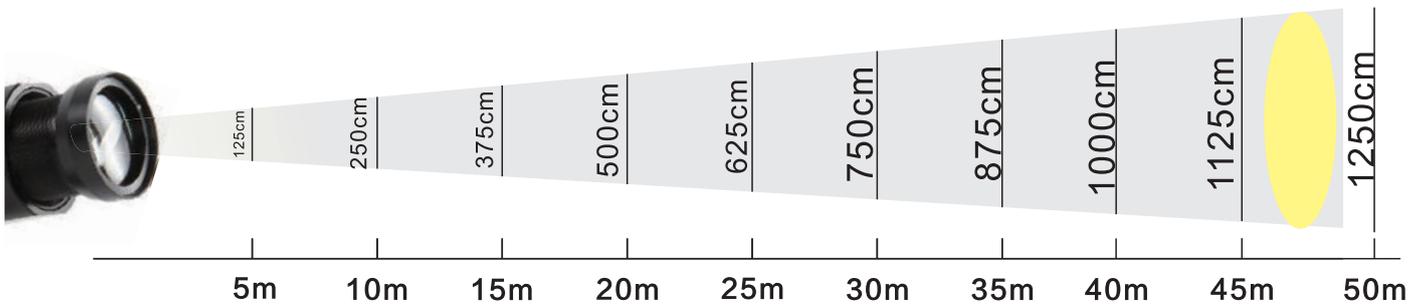
Beam angle are 15° / 25° / 35° / 45° for your selection.



# SAFETY LED PROJECTORS



Colors	black
LED chips	1x80W OSRAM
Beam angle	15° / 25° / 35° / 45°
Input voltage	AC 85 - 265 V
Lifespan	30 000 h
Projection distance	up to 70 m up 200 m (darkness)
Waterproof	IP65
GOBO sizes	37 mm / 23 mm (sign)
Lamp size	270 x 170 x 160 mm
NET weight	2715 g



  
**WATERPROOF**  
**IP 65**

  
**ROTATABLE**  
**SIGNS**



**REMOTE CONTROL**

## LED 100 W

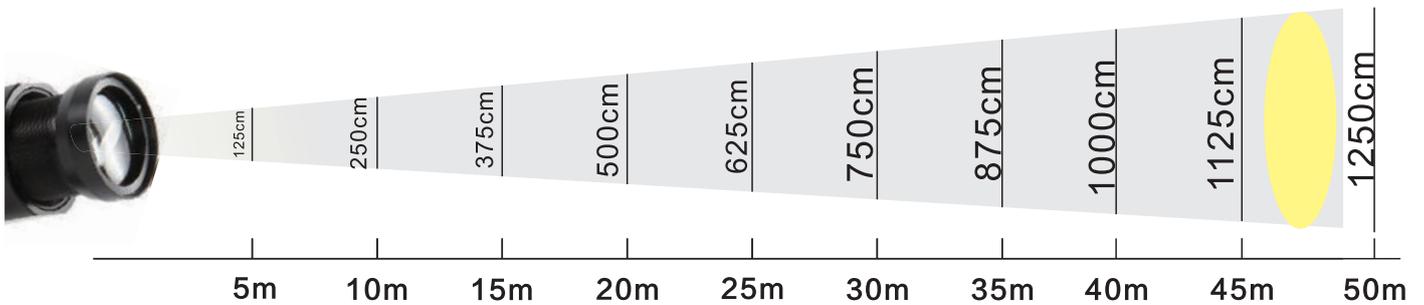
LED 100 Projector belongs to a projector family that feature the highest ranges and largest possible displaying industrial safety signs. Equipped original high-power OSRAM LED chip. Heat sink's 80% is made from model 1070 Aluminum, heat dissipation up to 95% independent research and develop drive solution, even eletrolysis are used for 30,000 hours, realize luminous efficacy above 90%. Turn On/Off and Rotating/Stop functions are controllable by switch key or remote. Beam angle are 15° / 25° / 35° / 45° for your selection.



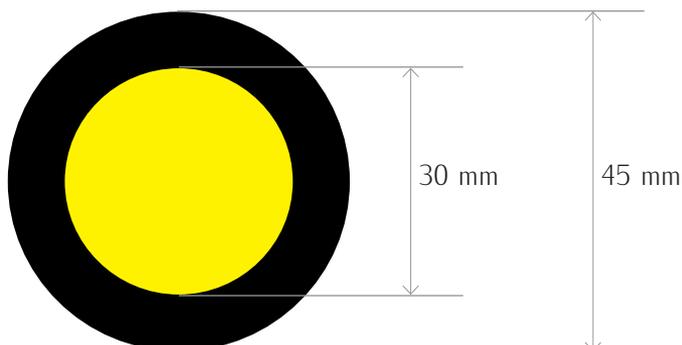
# SAFETY LED PROJECTORS



Colors	black
LED chips	1x100W OSRAM
Beam angle	15° / 25° / 35° / 45°
Input voltage	AC 85 - 265 V
Lifespan	30 000 h
Projection distance	up to 100 m
Waterproof	IP65
GOBO sizes	45 mm / 30 mm (sign)
Lamp size	310 x 210 x 260 mm
NET weight	5200 g



GOBO



  
**WATERPROOF**  
**IP 65**

  
**ROTATABLE**  
**SIGNS**



**REMOTE CONTROL**

## LED 150 W

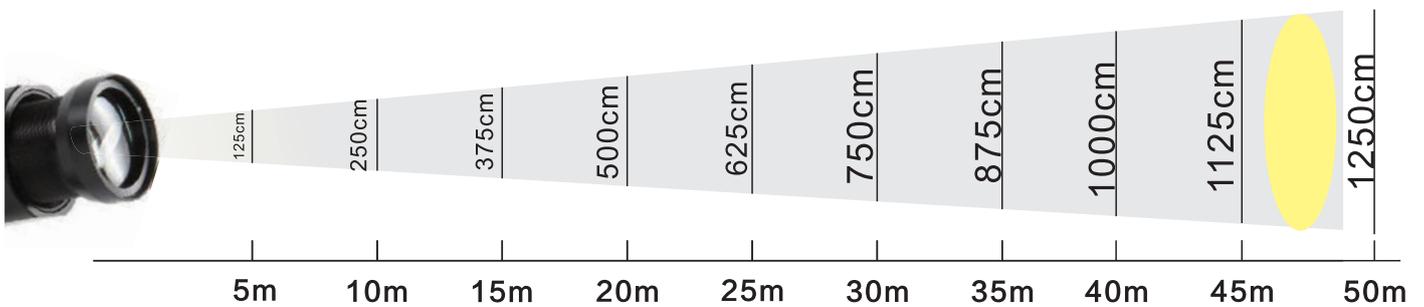
LED 150 Projector belongs to a projector family that feature the highest ranges and largest possible displaying industrial safety signs. Equipped original high-power OSRAM LED chip. Heat sink's 80% is made from model 1070 Aluminum, heat dissipation up to 95% independent research and develop drive solution, even eletrolysis are used for 30,000 hours, realize luminous efficacy above 90%. Turn On/Off and Rotating/Stop functions are controllable by switch key or remote. Beam angle are 15° / 25° / 35° / 45° for your selection.



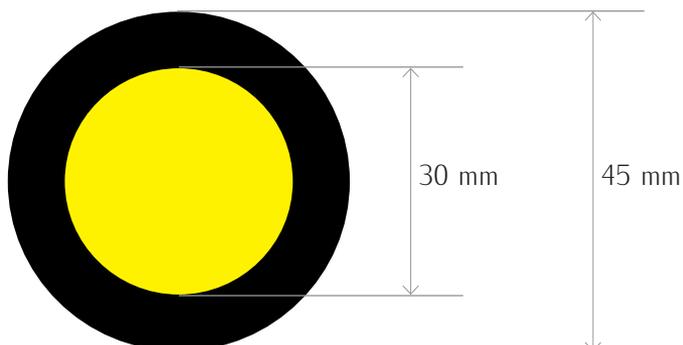
# SAFETY LED PROJECTORS



Colors	black
LED chips	1x150W OSRAM
Beam angle	15° / 25° / 35° / 45°
Input voltage	AC 85 - 265 V
Lifespan	30 000 h
Projection distance	up to 120 m
Waterproof	IP65
GOBO sizes	45 mm / 30 mm (sign)
Lamp size	310 x 210 x 260 mm
NET weight	5525 g



GOBO



  
**WATERPROOF**  
**IP 65**

  
**ROTATABLE**  
**SIGNS**



**REMOTE CONTROL**

## LED 200 W

The LED 200 Projector is the display featuring the highest power, range and largest possible safety signs. Perfect for the largest, high warehouses or heavily lit spaces. quipped original high-power OSRAM LED chip.

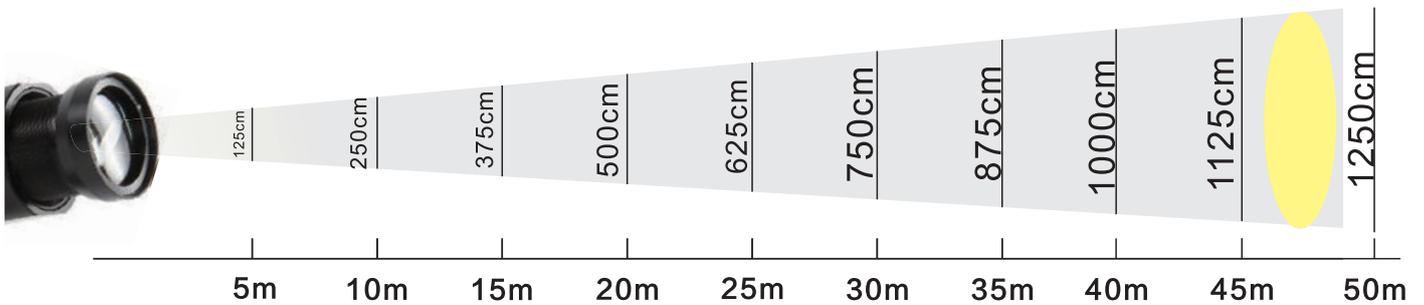
Heat sink's 80% is made from model 1070 Aluminum, heat dissipation up to 95% independent research and develop drive solution, even eletrolysis are used for 30,000 hours, realize luminous efficacy above 90%. Turn On/Off and Rotating/Stop functions are controllabile by switch key or remote. Beam angle are 15° / 25° / 35° / 45° for your selection.



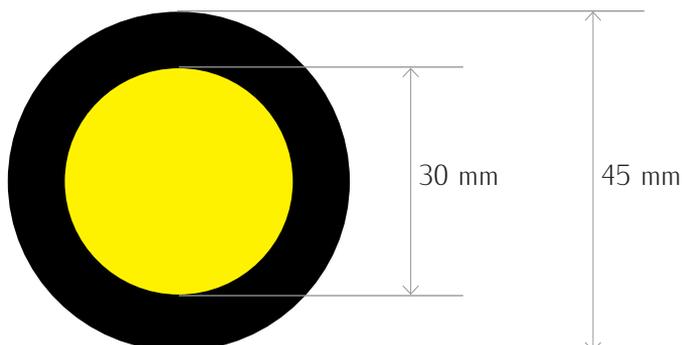
# SAFETY LED PROJECTORS



Colors	black
LED chips	1x200W OSRAM
Beam angle	15° / 25° / 35° / 45°
Input voltage	AC 85 - 265 V
Lifespan	30 000 h
Projection distance	up to 150 m
Waterproof	IP65
GOBO sizes	45 mm / 30 mm (sign)
Lamp size	310 x 210 x 260 mm
NET weight	5640 g



GOBO





## LED 300 W

300 W LED Gobo Projector is equipped with original high-power Osram LED chip, super heat-conducting copper board. Heat sink's 80% is made from model 1070 Aluminum, heat dissipation up to 95% independent research and develop drive solution, even electrolytic capacitors are used for 30,000 hours, realize luminous efficacy above 90%. Beam angle can be 15°/30°/50° for your preference:

15° zoom lens - projection distance:image size=1:0.25

30° zoom lens - projection distance:image size=1:0.50

50° zoom lens - projection distance:image size=1:1.00

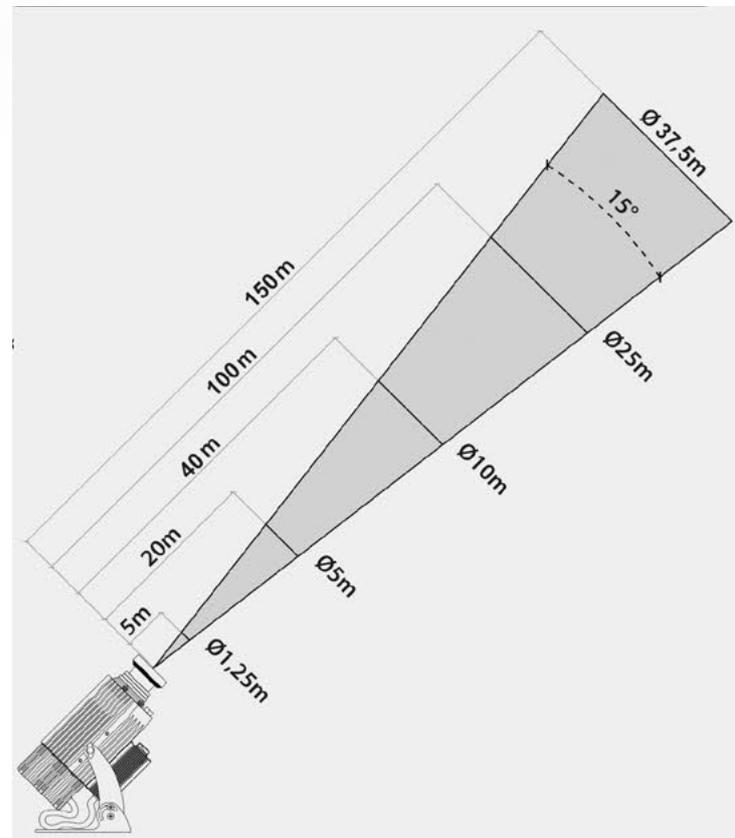


# SAFETY LED PROJECTORS

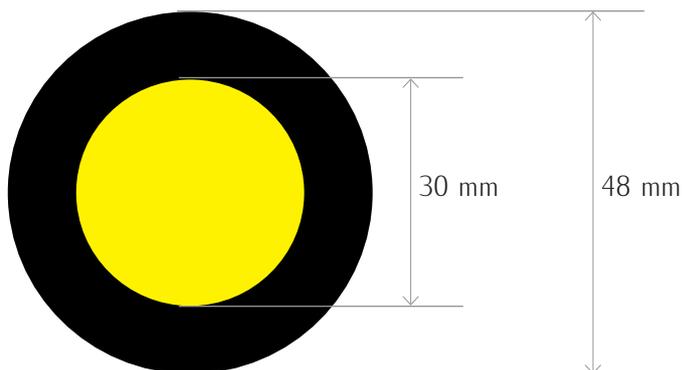


1. Lens
2. Waterproof ring
3. Switch
4. Support base
5. Heat sink assembly
6. Transformer
7. Plug

Case color	black
LED chips	1x300W OSRAM
Transformer	HLG-320H-48A
Projection angle:	15° / 30° / 50°
Input voltage:	AC 85 - 265 V
Lifespan	40 000 h
Projection distance	up to 150 m
Waterproof	IP65
GOBO sizes	48 mm / 30 mm (sign)
Lamp size	310 x 210 x 310 mm
NET weight	8800 g



GOBO





  
**WATERPROOF**  
**IP 65**

  
**ROTATABLE**  
**SIGNS**

## LED 400 W

Outdoor advertising 400 W LED Gobo Projector is equipped with original high-power Osram LED chip, super heat-conducting copper board. Heat sink's 80% is made from model 1070 Aluminum, heat dissipation up to 95% independent research and develop drive solution, even electroly is are used for 30,000 hours, realize luminous efficacy above 90%. Beam angle can be 15°/30°/50° for your preference:

- 15° zoom lens - projection distance:image size=1:0.25
- 30° zoom lens - projection distance:image size=1:0.50
- 50° zoom lens - projection distance:image size=1:1.00

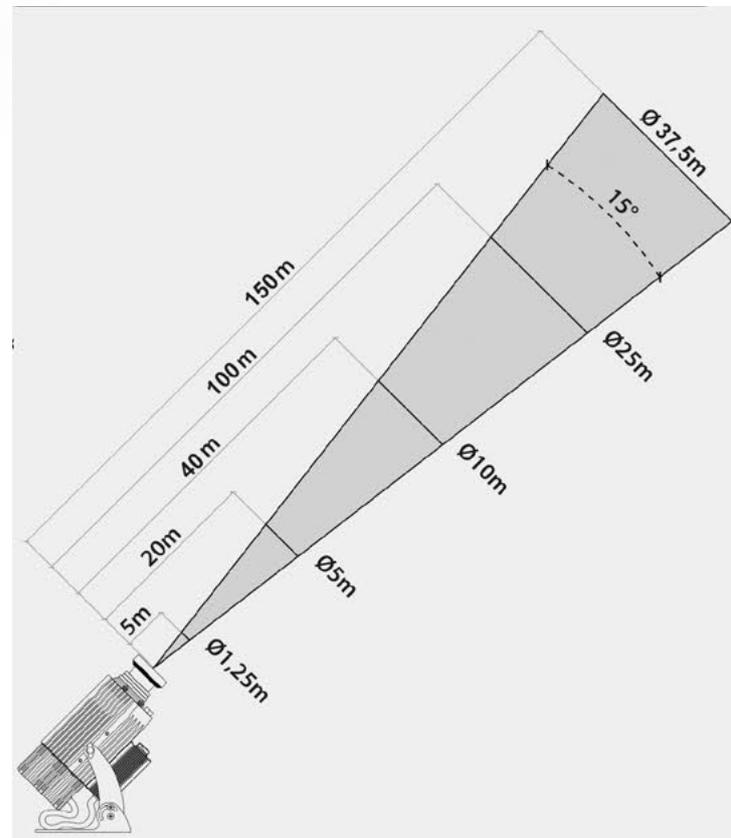


# SAFETY LED PROJECTORS

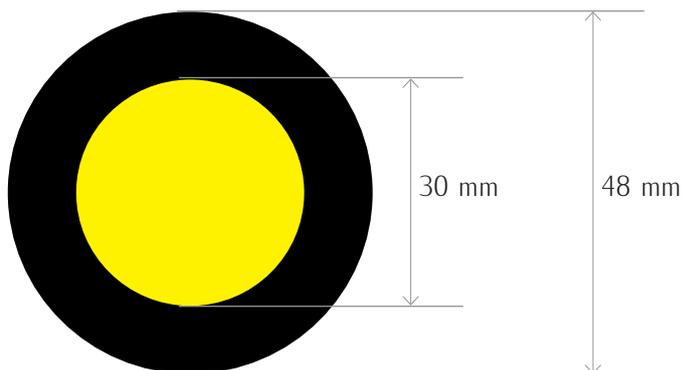


1. Lens
2. Waterproof ring
3. Switch
4. Support base
5. Heat sink assembly
6. Transformer
7. Plug

Case color	black
LED chips	1x400W OSRAM
Transformer	HLG-480H-54A
Projection angle:	15° / 30° / 50°
Input voltage:	AC 85 - 265 V
Lifespan	35 000 h
Projection distance	up to 150 m
Waterproof	IP65
GOBO sizes	48 mm / 30 mm (sign)
Lamp size	310 x 210 x 310 mm
NET weight	8800 g



GOBO



## STANDARD SIGNS

1



2



5



6



9



10



13



14



# SAFETY LED PROJECTORS

3



4



7



8



11



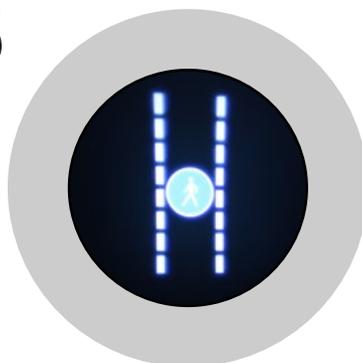
12



15



16



**WE WILL DESIGN CUSTOM LED SIGNAGE  
ACCORDING TO YOUR REQUIREMENTS**



**WE WILL DESIGN  
CUSTOM LED SIGNAGE  
ACCORDING TO  
YOUR REQUIREMENTS**



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