

# Proiettore industriale IP66 ATEX BC9306S LED

## VoltNextT



IECEX

ATEX

CE

RoHS  
LM79  
LM84

IP  
66

Ta  
40/55

Ta  
-50



Ex marking: Ex db e IIC T6/T5/T4 Gb  
Ex tb IIIC T80°C/T95°C/T130°C Db,IP66

### Application

- Ideal to be used in the oilfield, chemical industry, offshore drilling platform, steel industry, petroleum etc.
- Gas explosive environment: Group IIA, IIB, IIC.
- Zone 1, zone 2; zone 21, zone 22.



### Characteristics

- It is made using a special aluminum housing, all exposed fasteners and bracket adopt 304 stainless steel. Using high-tech anti-corrosion surface treatment technology, suitable for long-term highly corrosive environment of offshore oil platforms, oil drilling platform, chlor-alkali, vulcanization cyanide, etc.
- A full range of high conductivity material accelerate convection cooling structure, effective guarantee long-term use in high temperature environments.
- Variety of light distribution, variety of installation types, an effective solution to beautify workshop and device platform.
- The shell is made of high-tech surface coating technology, corrosion resistant, waterproof and dust proof, suitable for harsh environments.
- Optoelectronic integrated technology, no dark spot, no ghosting, the average light efficiency of whole lamp can reach to 120 lm/W, energy-saving is 60% more than Metal Halide Lamp.
- Taiwan Meanwell power supply or same quality power supply, power factor above 0.98, high reliability and long time service life.
- Independent wiring chamber, safe and easy installation and maintenance.
- Quick replay light source without welding.
- Intelligent control functions can be realized.( Dimming: 1-10VDC, PWM, Carrier, DALI, etc.)


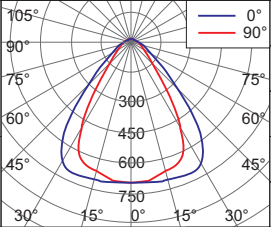

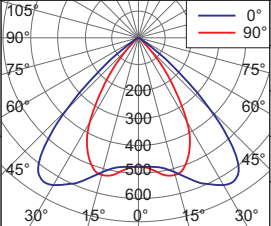

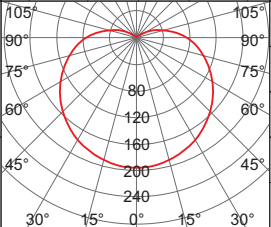

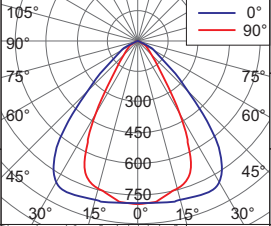

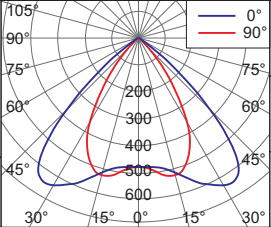

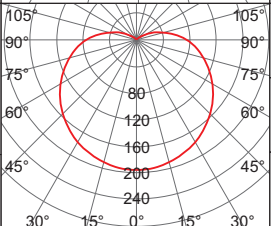
### Main Specification

Item	Technical Parameters
Input voltage (V)	90~264VAC
	18~43VAC/ 18~55VDC
Rated frequency	50Hz / 60Hz
Light source	LED
CRI (Ra)	70 (80 optional)
Life time (h)	50,000
CCT	5000K(3000K/4000K optional)
Cable entry	M20×1.5, NPT1/2"
Terminals	Multi core: ≤2.5mm <sup>2</sup>
	Single core: ≤4mm <sup>2</sup>
Dimension (mm)	245×260×270
Net weight (kg)	4.9

# Proiettore industriale IP66 ATEX BC9306S LED

## VoltNext

### Ordering reference

Ordering reference	Picture	Rated Wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution curve(1000cd/lm)	Equivalent to
							MH
BC9306S-L30-60°×80°		30W	3500	1.25	3~6m		70W
BC9306S-L40-60°×80°		40W	4600				100W
BC9306S-L50-60°×80°		50W	5600		100~150W		
BC9306S-L60-60°×80°		60W	6900		150W		
BC9306S-L80-60°×80°		80W	8800		175W		
BC9306S-L30-90°×110°		30W	3400	1.75	3~6m		70W
BC9306S-L40-90°×110°		40W	4400				100W
BC9306S-L50-90°×110°		50W	5600		100~150W		
BC9306S-L60-90°×110°		60W	6700		150W		
BC9306S-L80-90°×110°		80W	8400		175W		
BC9306S-L30-200°		30W	2800	1.75	3~6m		70W
BC9306S-L40-200°		40W	3700				100W
BC9306S-L50-200°		50W	4500		100~150W		
BC9306S-L60-200°		60W	5400		150W		
BC9306S-L80-200°		80W	6800		175W		
Input voltage: 18~43VAC/ 18~55VDC							
BC9306S-L25L-60°×80°		25W	2900	1.25	3~6m		70W
BC9306S-L40L-60°×80°		40W	4600		100W		
BC9306S-L60L-60°×80°		60W	6900		150W		
BC9306S-L25L-90°×110°		25W	2700	1.75	3~6m		70W
BC9306S-L40L-90°×110°		40W	4400		100W		
BC9306S-L60L-90°×110°		60W	6700		150W		
BC9306S-L25L-200°		25W	2400	1.75	3~6m		70W
BC9306S-L40L-200°		40W	3700		100W		
BC9306S-L60L-200°		60W	5400		150W		

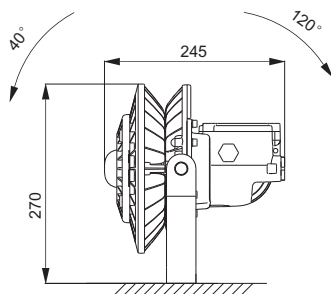
Note 1: Lens can be customized 40°, 60°, 80°, 100°

# Proiettore industriale IP66 ATEX BC9306S LED

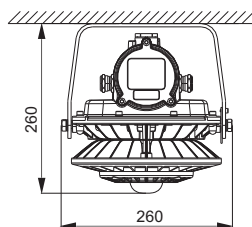
VoltNext

Drawing of dimension (Dimensions in mm)

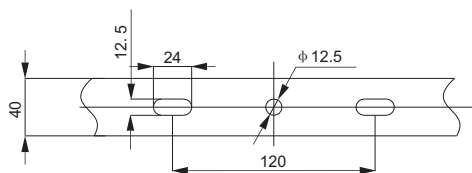
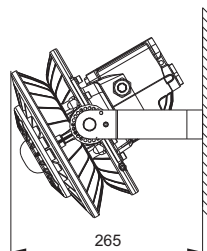
Seat mounting



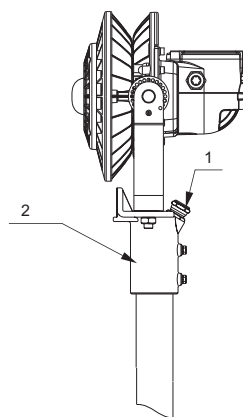
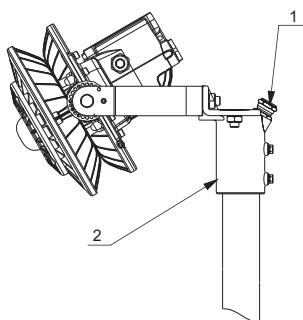
Ceiling mounting



Side wall mounting



Pole mounting



Accessories ordering information(optional)

Ordering reference	Item no	Specification	quantity	note
P07	1	Water proof plug M20	1	φ 8~ φ 12mm cable
	2	Vertical Mounting pole	1	φ 40~ φ 50mm pole

# Proiettore industriale IP66 ATEX BC9306P LED

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Ex marking: Ex db e IIC T6/T5/T4 Gb  
Ex tb IIIC T80°C/T95°C/T130°C Db,IP66

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- Quick replay light source without welding.
- Intelligent control functions can be realized.( Dimming: 1-10VDC, PWM, Carrier, DALI, etc.)

### Main Specification


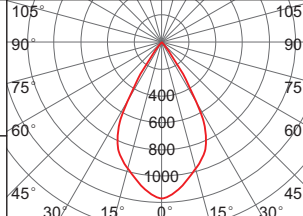

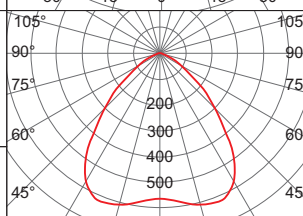

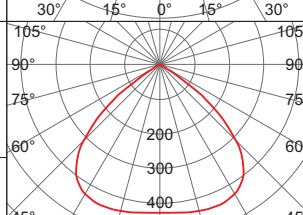

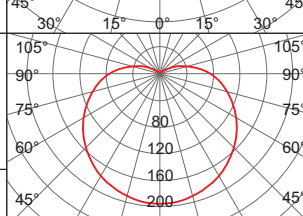

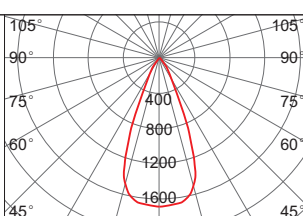

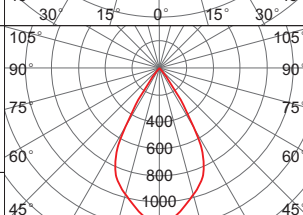

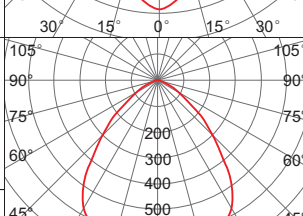
Item	Technical Parameters
Input voltage (V)	90~264VAC
	18~43VAC/ 18~55VDC
Rated frequency	50Hz / 60Hz
Light source	LED
CRI (Ra)	70 (80 optional)
Life time (h)	50,000
CCT	5000K(3000K/4000K optional)
Cable entry	M20×1.5, M25×1.5, G3/4", NPT1/2", NPT3/4"
Dimension (mm)	φ 230×270
Net weight (kg)	4.2

### Ordering reference

Ordering reference	Picture	Rated Wattage	Light output (lm)	Space height ratio	Mounting height	Light distribution curve(1000cd/lm)	Equivalent to
							MH
BC9306P-L50-40°		50W	5400	0.7	5~8m		> 100W
BC9306P-L60-40°		60W	6700				150W
BC9306P-L80-40°		80W	8400		8~10m		175W


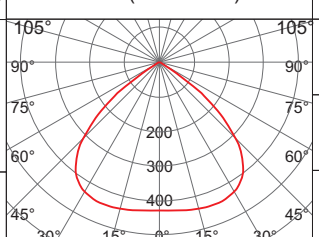

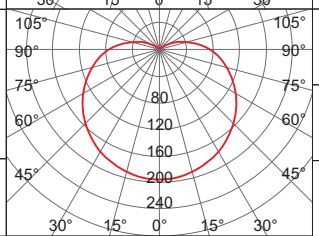
# Proiettore industriale IP66 ATEX BC9306P LED

## VoltNext

Ordering reference	Picture	Rated Wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to
							MH
BC9306P-L30-60°		30W	3400	0.9	3~6m		70W
BC9306P-L40-60°		40W	4400				100W
BC9306P-L50-60°		50W	5400		> 100W		
BC9306P-L60-60°		60W	6700		150W		
BC9306P-L80-60°		80W	8400		175W		
BC9306P-L30-80°		30W	3500	1.4	3~6m		70W
BC9306P-L40-80°		40W	4500				100W
BC9306P-L50-80°		50W	5600		> 100W		
BC9306P-L60-80°		60W	6900		150W		
BC9306P-L80-80°		80W	8700		175W		
BC9306P-L30-100°		30W	3500	1.4	2~6m		70W
BC9306P-L40-100°		40W	4600				100W
BC9306P-L50-100°		50W	5600		> 100W		
BC9306P-L60-100°		60W	7000		150W		
BC9306P-L80-100°		80W	8800		175W		
BC9306P-L30-200°		30W	2800	1.75	2~5m		70W
BC9306P-L40-200°		40W	3700				100W
BC9306P-L50-200°		50W	4500		> 100W		
BC9306P-L60-200°		60W	5400		150W		
BC9306P-L80-200°		80W	6800		175W		
Input voltage: 18~43VAC/ 18~55VDC							
BC9306P-L40L-40°		40W	4400	0.7	5~8m		100W
BC9306P-L60L-40°		60W	6700				150W
BC9306P-L25L-60°		25W	2800	0.9	3~6m		70W
BC9306P-L40L-60°		40W	4400				100W
BC9306P-L60L-60°		60W	6700		150W		
BC9306P-L25L-80°		25W	2900	1.4	3~6m		70W
BC9306P-L40L-80°		40W	4600				100W
BC9306P-L60L-80°		60W	6900		150W		

# Proiettore industriale IP66 ATEX BC9306P LED

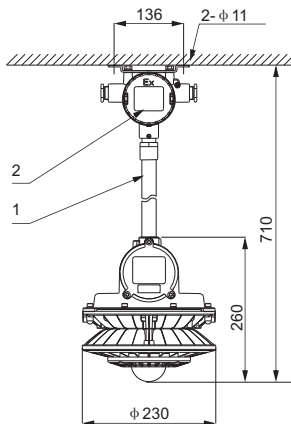
## VoltNext

Ordering reference	Picture	Rated Wattage (W)	Light output (lm)	Space height ratio	Mounting height (m)	Light distribution Curve(1000cd/lm)	Equivalent to
							MH
BC9306P-L25L-100°		25W	2900	1.4	2~6m		70W
BC9306P-L40L-100°		40W	4600				100W
BC9306P-L60L-100°		60W	7000		150W		
BC9306P-L25L-200°		25W	2400	1.75	2~5m		70W
BC9306P-L40L-200°		40W	3700				100W
BC9306P-L60L-200°		60W	5400		150W		

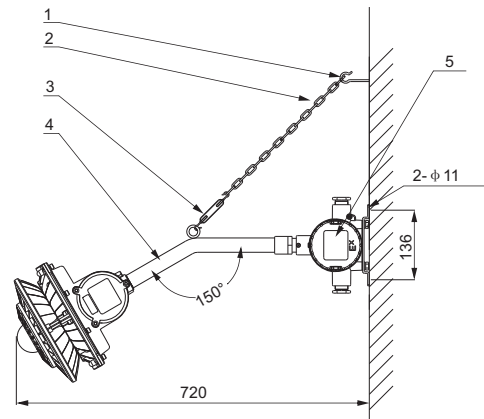
Note 1: Lens can be customized 60°×80°, 90°×110°

### Drawing of dimension (Dimensions in mm)

#### Pole mounting



#### Wall mounting 150deg



#### Accessories order information(Pole mounting)

Ordering reference	Item no.	Specification	quantity
P01	1	G3/4" pole 30cm	1
BHD01	2	Explosion proof junction box	1

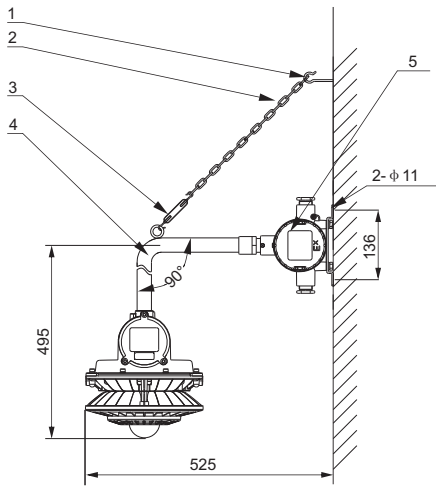
#### Accessories order information(Wall mounting 150deg)

Ordering reference	Item no.	Specification	quantity
P03	1	Expansion screw hook	1
	2	Chain	1
	3	C-C turn buckle	1
	4	G3/4" bend pipe 150°	1
BHD01	5	Explosion proof junction box	1

# Proiettore industriale IP66 ATEX BC9306P LED

VoltNext

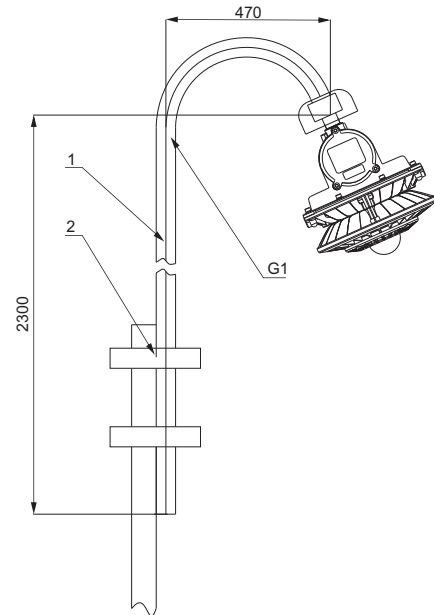
## Wall mounting 90deg



### Accessories order information(Wall mounting 90deg)

Ordering reference	Item no.	Specification	quantity
P04	1	Expansion screw hook	1
	2	Chain	1
	3	C-C turn buckle	1
	4	G3/4" bend pipe 90°	1
BHD01	5	Explosion proof junction box	1

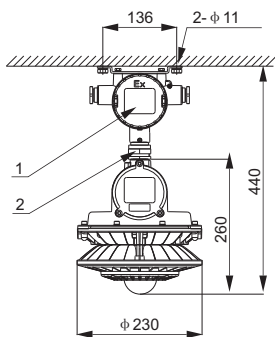
## Guardrail mounting



### Accessories order information(Guardrail mounting)

Ordering reference	Item no.	Specification	quantity
P05	1	fence pole	1
	2	U type bolts	2

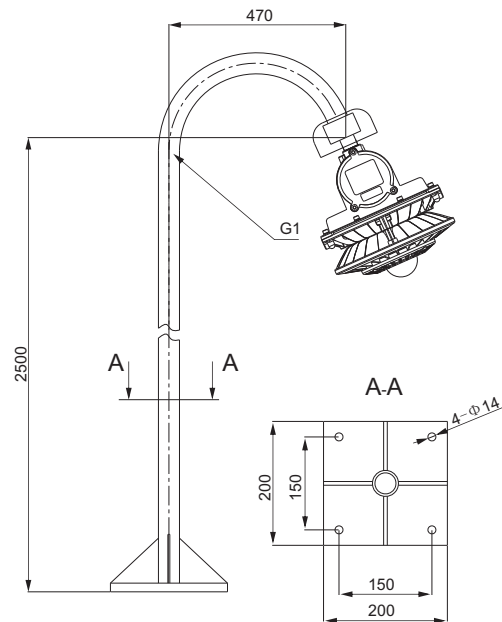
## Ceiling mounting



### Accessories order information(ceiling mounting)

Ordering reference	Item no.	Specification	quantity
BHD01	1	Explosion proof junction box	1
P02	2	Adapter G3/4" (female - male)	1

## Flange mounting



### Accessories order information(Flange mounting)

Ordering reference	Item no.	Specification	quantity
P06	1	Flange pole	1

# Proiettore industriale IP66 ATEX BC9306S Spot LED

## VoltNextT



Ex marking: Ex db e IIC T6/T5/T4 Gb  
Ex tb IIIC T80°C/T95°C/T130°C Db,IP66

### Application

- Ideal to be used in the oilfield, chemical industry, offshore drilling platform, steel industry, petroleum etc.
- Gas explosive environment: Group IIA,IIB,IIC.
- Zone 1,zone 2;zone 21,zone 22.



### Characteristics

- It is made using a special aluminum housing, all exposed fasteners and bracket adopt 304 stainless steel. Using high-tech anti-corrosion surface treatment technology, suitable for long-term highly corrosive environment of offshore oil platforms, oil drilling platform, chlor-alkali, vulcanization cyanide, etc.
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- The shell is made of high-tech surface coating technology, corrosion resistant, waterproof and dust proof, suitable for harsh environments.
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- Taiwan Meanwell power supply or same quality power supply, power factor above 0.98, high reliability and long time service life.
- Independent wiring chamber, safe and easy installation and maintenance.
- Quick replay light source without welding.
- Intelligent control functions can be realized.( Dimming: 1-10VDC, PWM, Carrier, DALI, etc.)

### Main Specification

Item	Technical Parameters
Input voltage (V)	90~264VAC
Rated frequency	50Hz / 60Hz
CRI (Ra)	70 (80 optional)
Life time (h)	50,000
CCT	5000K(3000K/4000K optional)
Cable entry	M20×1.5, NPT1/2"
Terminals	Multi core: ≤2.5mm <sup>2</sup>
	Single core: ≤4mm <sup>2</sup>
Dimension (mm)	291×260×270
Net weight (kg)	5.4

### Ordering Reference

Ordering reference	Picture	Rated Wattage (W)	Light output (lm)	Light distribution curve(1000cd/lm)	Equivalent to
					MH
BC9306S-L60-18°		60W	5900		150W
BC9306S-L80-18°		80W	7500		175W

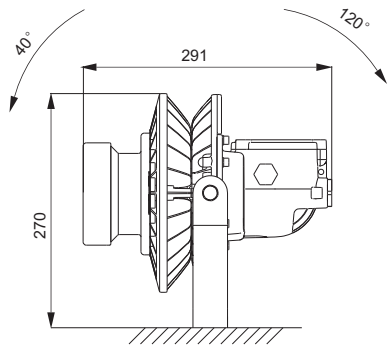


# Proiettore industriale IP66 ATEX BC9306S Spot LED

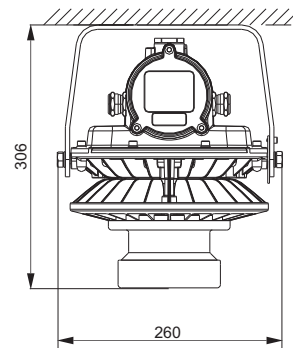
VoltNext

Drawing of dimension (Dimensions in mm)

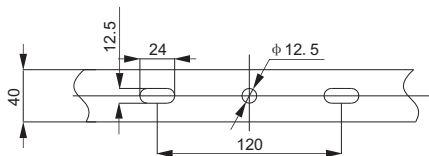
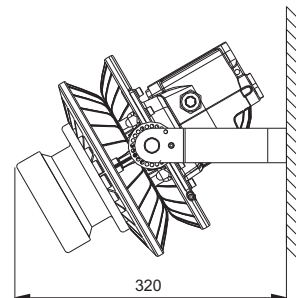
Seat mounting



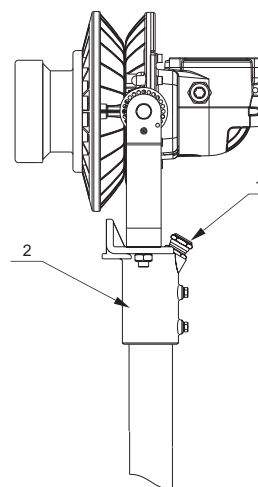
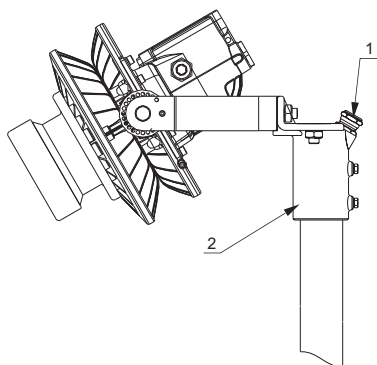
Ceiling mounting



Side wall mounting



Pole mounting



Accessories ordering information(optional)

Ordering reference	Item no	Specification	quantity	note
P07	1	Water proof plug M20	1	φ 8~ φ 12mm cable
	2	Vertical Mounting pole	1	φ 40~ φ 50mm pole