

**Newell**<sup>®</sup>  
since 1998

**Newell**<sup>®</sup>

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*Manufacturer Of High Quality LED  
Industrial Light Fittings*

*Led Explosion- Proof Light  
Led Tri-proof Light  
Led Flood Light  
Led High Bay*

NEWELL PHOTOELECTRIC

NEW GENERATION LED LIGHTING LEADING BEAND

纽厄尔光电  
新一代LED照明领导品牌



## ABOUT NEWELL

Formed in 1998, Newell group is a historic and prestigious company for high quality lighting products, reliability, excellent service and value for money.

We specialize entirely in Industrial lighting as Explosion proof light, Tri proof light, Flood light, High bays and street light and offer a very comprehensive range of products, all representing the best value for quality and performance in class.

R&D is our core power to keep us being innovative and productive. Until now, Newel has obtained more than 20 patents in China. Also, our products are certificated with Atex, IECEX, UL、ETL、DLC、TUV、SAA、CCC、Energy Sta、ErP、LCP、CE、RoHS、C-Tick、IP67、IP66、IP65、IK10.

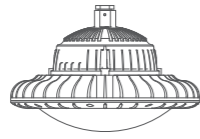
20 years practical engineering experience give us sufficient but distinctive cognition to product no matter in Structure or installation, which also make us expert to providing customers with complete engineering solutions.

2 production bases, 1500m<sup>2</sup> workspace, 150 skilled workers, 2 automatic SMT machine, 1 automatic Packaging unit ,3 automatic aging lines ensure our monthly production capacity achieves 30,000pcs. We also own complete laboratory equipment like IES, integrating sphere, High-low temperature, IPX5-7 waterproof testing system etc.

Newell Team sincerely welcomes your OEM/ODM requirements, Let's make success together!



# CONTENT



## LED NEW FB-SERIES // P01-38

### LED Explosion-proof Platform Light // P03-14

NEW-FBP	30W
NEW-FBP	50-60W
NEW-FBP	D50W
NEW-FBP	80-100W
NEW-FBP	120-150W
NEW-FBP	180-200W

### LED Explosion-proof Highbay Light // P15-26

NEW-FBG	30W
NEW-FBG	50-60W
NEW-FBG	D50W
NEW-FBG	80-100W
NEW-FBG	120-150W
NEW-FBG	180-200W

### LED Explosion-proof Light // P27-32

NEW-FBF	50-60W
NEW-FBF	80-100W
NEW-FBF	120-200W

### LED Explosion-proof Fluorescent Lamp // P33-36

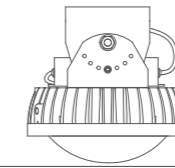
NEW-FBY	1X9W/1X10W/1X18W/1X20W
NEW-FBY	2X9W/2X10W/2X18W/2X20W

### LED Explosion-proof Safety Exit Light // P37

NEW-FBB Evacuation Indicator

### LED Explosion-proof Safety Exit Light // P38

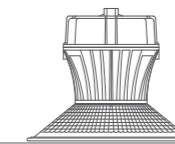
NEW-FBB Double Emergency Light



## LED NEW-SF FIXTURE // P 39-54

### LED Tri-proof Light // P41-54

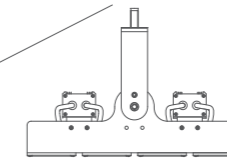
NEW-SF	30-60W
NEW-SF	D50W
NEW-SF	C50-C60W
NEW-SF	C80-C100W
NEW-SF	C120-C150W
NEW-SF	C180-C200W
NEW-TG	T50-T200W



## LED NEW-CF FIXTURE // P 55-60

### LED Highbay Light // P57-60

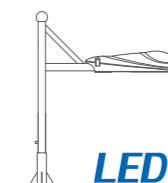
NEW-CF	30-200W
NEW-CF	240-300W



## LED NEW-SD FLOODLIGHT // P 61-68

### LED Tunnel Light // P 63-68

NEW-SD	30-120W
NEW-SD	50-150W
NEW-SD	200-300W



## LED NEW-SD STREET // P 69-76

### LED Street Light // P71-76

NEW-SD	L60-L120W
NEW-SD	L250-L400W
NEW-SD	L100-L200W



**Newell**<sup>®</sup>



***LED Explosion-Proof Light***





Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85. lifespan > 50,000hrs.

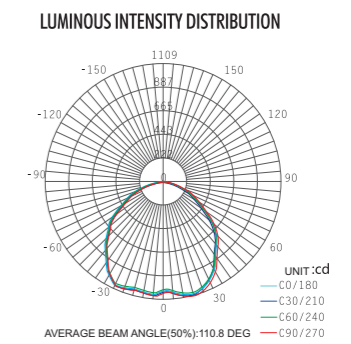
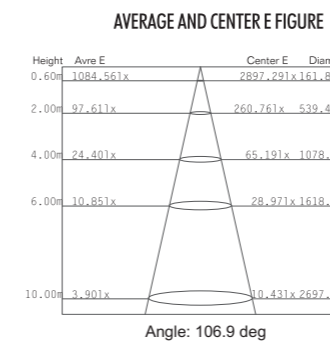
Application

Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5-T6

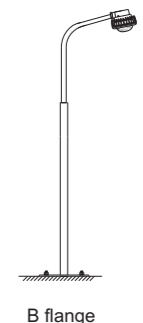
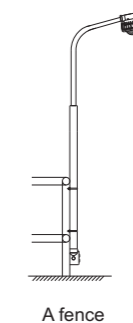
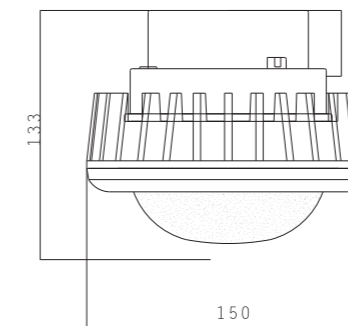
Specification

Model Name	NEW-FBP
Input Voltage	AC90-265V
Power Frequency	50/60Hz
Power Factor	≥0.96
Wattage	30W
Lamp Luminous Flux (LM)	> 3300 lm
Luminous Efficiency	110-130 lm/W
LED Working Voltage	DC30-42V

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~+45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours



Dimension(mm)& Fixture Installation



Package



N.W.: 2.9kg  
Inner carton size: 19\*19\*19cm  
Outer carton size: 40\*40\*21 (4pcs/ctn)  
G.W.: 13kg/ctn





Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85. lifespan > 50,000hrs.

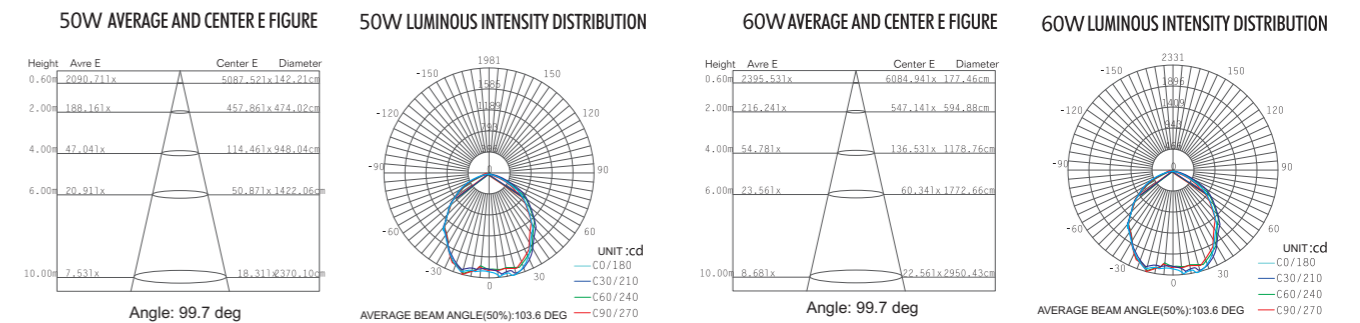
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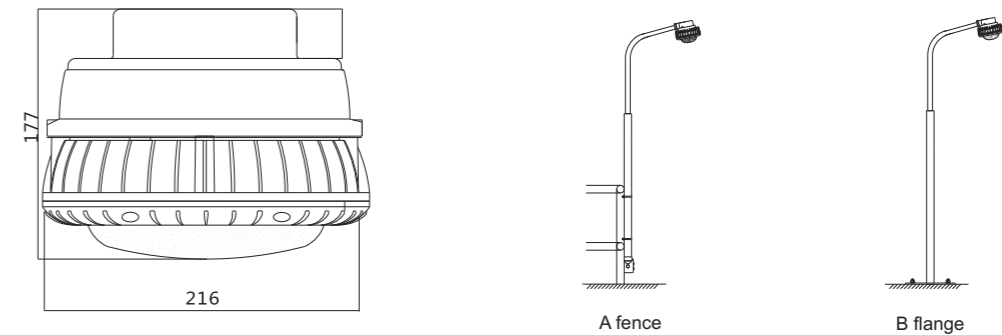
Specification

Model Name	NEW-FBP	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥ 0.96	
Wattage	50W	60W
Lamp Luminous Flux (LM)	> 5500 lm	> 6600lm
Luminous Efficiency	110-130 lm/W	
LED Working Voltage	DC30-42V	

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~+45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours



Dimension(mm)& Fixture Installation

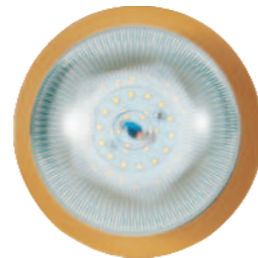


Package



N.W.: 9kg  
Inner carton size: 25\*25\*25cm  
Outer carton size: 52\*26\*27 (2pcs/ctn)  
G.W.: 20kg/ctn





Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K).High coefficient of performance chromatic CRI≥85. lifespan>50,000hrs.

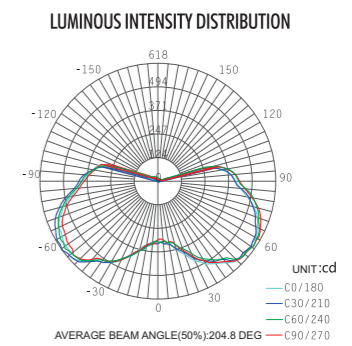
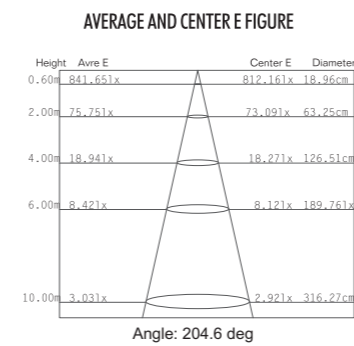
Application

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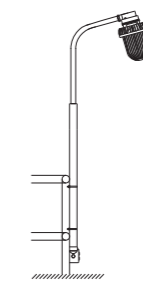
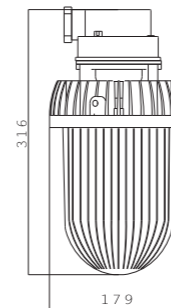
Specification

Model Name	NEW-FBP
Input Voltage	AC90-265V
Power Frequency	50/60Hz
Power Factor	≥0.96
Wattage	60W
Lamp Luminous Flux (LM)	> 6600 lm
Luminous Efficiency	110-130 lm/W
LED Working Voltage	DC30-42V

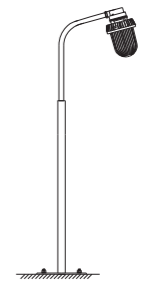
CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~+45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours



Dimension(mm)& Fixture Installation



A fence



B flange

Package



N.W.: 5.3kg  
 Inner carton size: 19\*19\*34cm  
 Outer carton size: 40\*40\*42 (4pcs/ctn)  
 G.W.: 23kg/ctn



# NEW-FBP 80W 100W

# LED Explosion-proof Platform Light AC90-265V50Hz



IECEx

ATEX



WF2

IP  
65

Ta  
-30°

Ta  
45°



## Features

### Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

### Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

### Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85. lifespan > 50,000hrs.

### Application

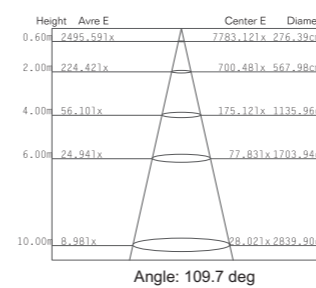
Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5-T6

## Specification

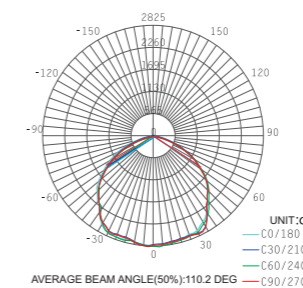
Model Name	NEW-FBP	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥ 0.96	
Wattage	80W	100W
Lamp Luminous Flux (LM)	> 8800 lm	> 11000lm
Luminous Efficiency	110-130 lm/W	
LED Working Voltage	DC30-42V	

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~ +45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours

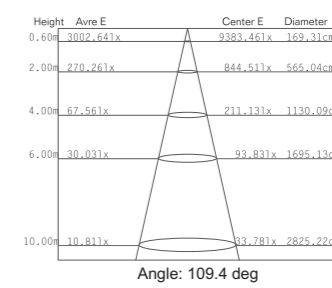
80W AVERAGE AND CENTER E FIGURE



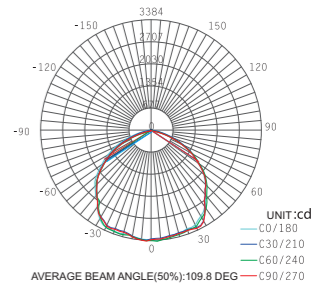
80W LUMINOUS INTENSITY DISTRIBUTION



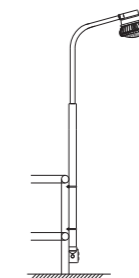
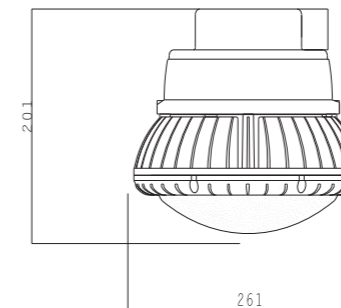
100W AVERAGE AND CENTER E FIGURE



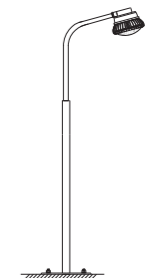
100W LUMINOUS INTENSITY DISTRIBUTION



## Dimension(mm)& Fixture Installation



A fence



B flange

## Package



N.W.: 11.2kg  
Inner carton size: 30\*30\*27cm  
Outer carton size: 62\*31\*29 (2pcs/ctn)  
G.W.: 24kg/ctn





IECEx

ATEX



WF2

IP 65

Ta -30°

Ta 45°



Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85. Lifespan > 50,000hrs.

Application

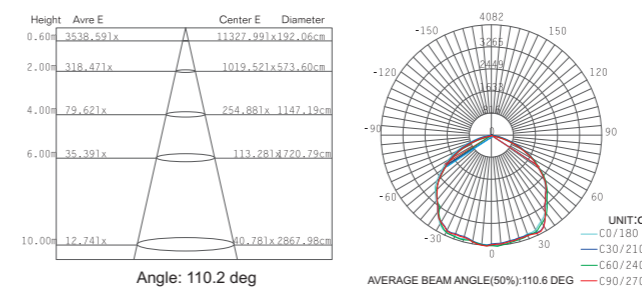
Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5-T6

Specification

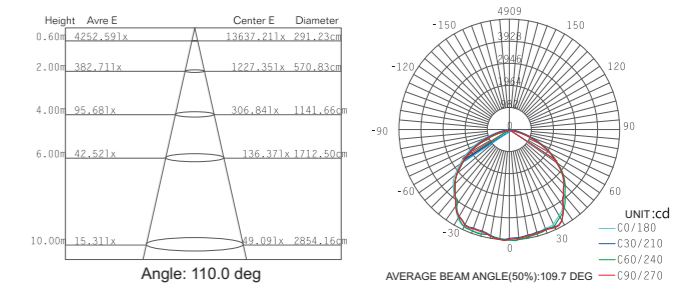
Model Name	NEW-FBP	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥ 0.96	
Wattage	120W	150W
Lamp Luminous Flux (LM)	> 13200 lm	> 16500lm
Luminous Efficiency	110-130 lm/W	
LED Working Voltage	DC30-42V	

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra ≥ 85
Operating Temperature	-30°C ~ +45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours

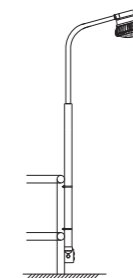
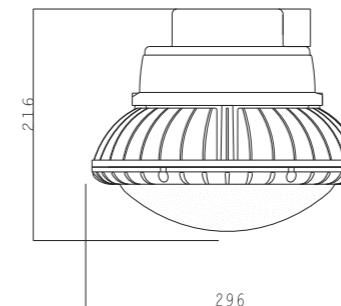
120W AVERAGE AND CENTER E FIGURE 120W LUMINOUS INTENSITY DISTRIBUTION



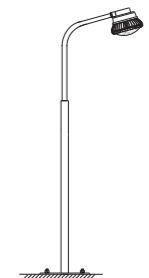
150W AVERAGE AND CENTER E FIGURE 150W LUMINOUS INTENSITY DISTRIBUTION



Dimension(mm)& Fixture Installation



A fence



B flange

Package



N.W.: 14.2kg  
Inner carton size: 34\*34\*27cm  
Outer carton size: 70\*35\*29 (2pcs/ctn)  
G.W.: 30kg/ctn



Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85. lifespan > 50,000hrs.

Application

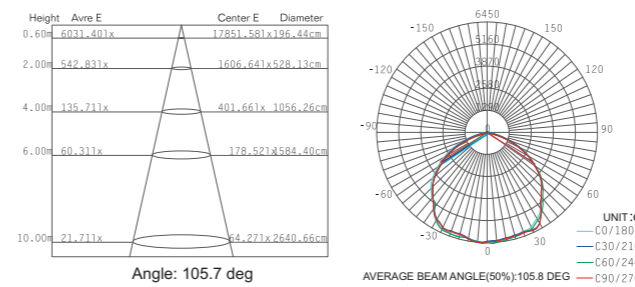
Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5-T6

Specification

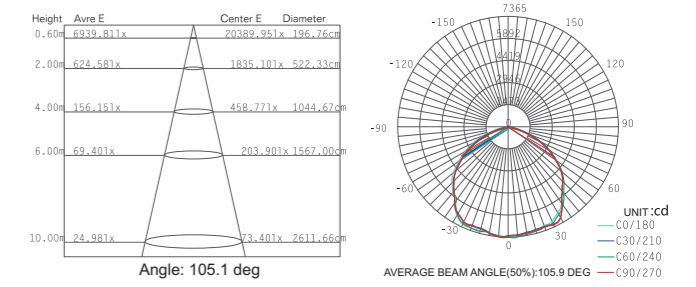
Model Name	NEW-FBP	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥0.96	
Wattage	180W	200W
Lamp Luminous Flux (LM)	> 19800 lm	> 22000lm
Luminous Efficiency	110-130 lm/W	
LED Working Voltage	DC30-42V	

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~+45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours

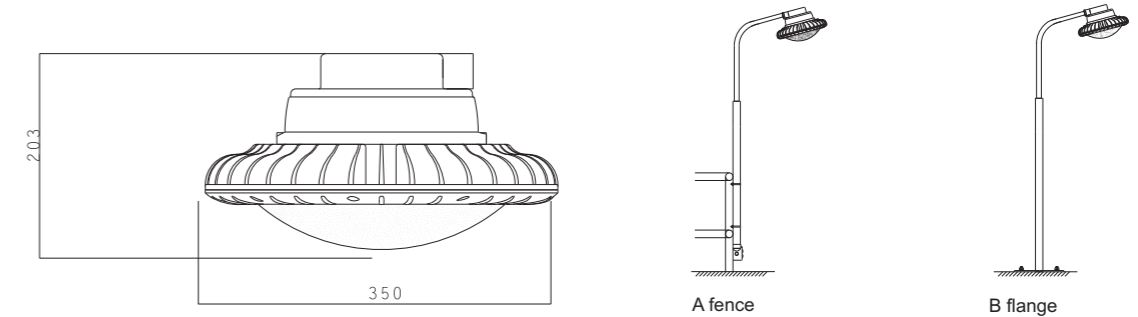
180W AVERAGE AND CENTER E FIGURE 180W LUMINOUS INTENSITY DISTRIBUTION



200W AVERAGE AND CENTER E FIGURE 200W LUMINOUS INTENSITY DISTRIBUTION



Dimension(mm)& Fixture Installation



Package



N.W.: 8.2kg  
Inner carton size: 39\*39\*28cm  
Outer carton size: 40\*40\*28 (1pcs/ctn)  
G.W.: 10kg/ctn





Emergency power unit is available



Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85 lifespan > 50,000hrs.

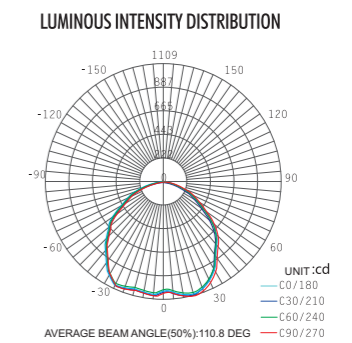
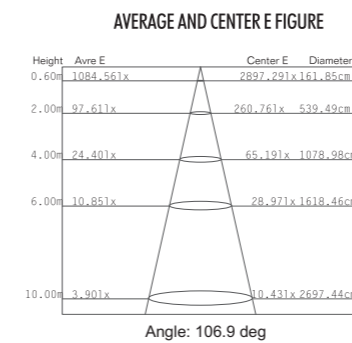
Application

Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5 to T6

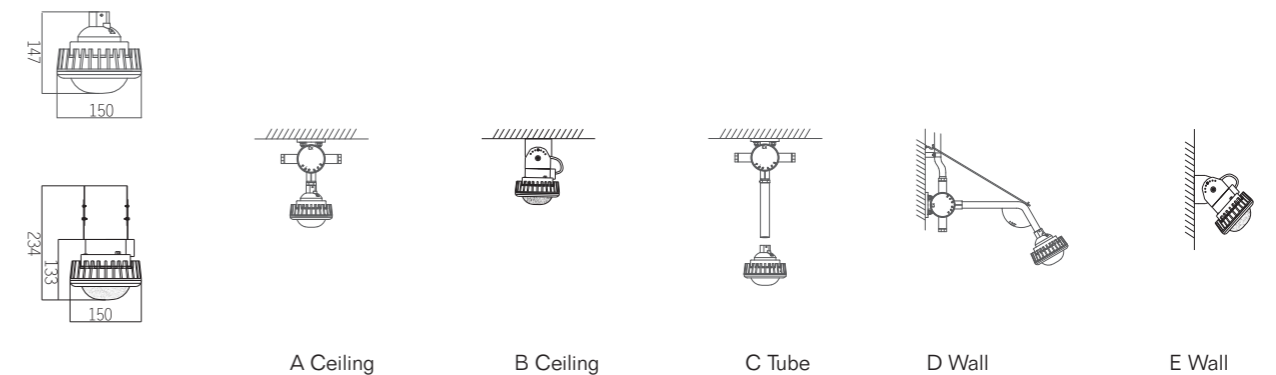
Specification

Model Name	NEW-FBG
Input Voltage	AC90-265V
Power Frequency	50/60Hz
Power Factor	≥0.96
Wattage	30W
Lamp Luminous Flux (LM)	> 3300 lm
Luminous Efficiency	110-130 lm/W
LED Working Voltage	DC30-42V

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~+45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours



Dimension(mm)& Fixture Installation



Package



N.W.: 2.9kg  
Inner carton size: 19\*19\*19cm  
Outer carton size: 40\*40\*21 (4pcs/ctn)  
G.W.: 13kg/ctn



Emergency power unit is available



Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85. lifespan > 50,000hrs.

Application

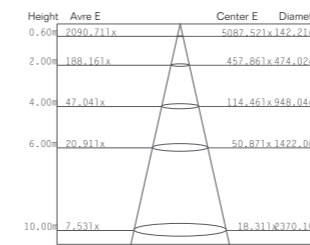
Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5 to T6

Specification

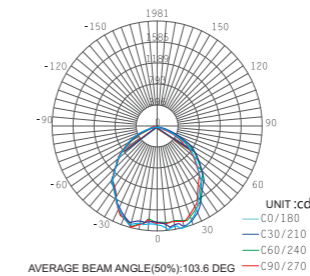
Model Name	NEW-FBG	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥ 0.96	
Wattage	50W	60W
Lamp Luminous Flux (LM)	> 5500 lm	> 6600lm
Luminous Efficiency	110-130 lm/W	
LED Working Voltage	DC30-42V	

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra ≥ 85
Operating Temperature	-30°C ~ +45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours

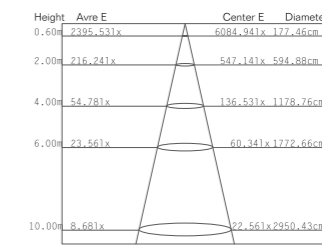
50W AVERAGE AND CENTER E FIGURE



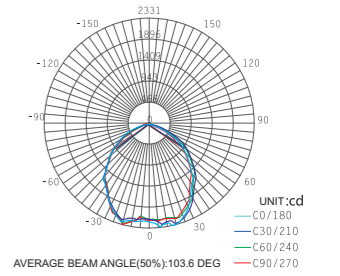
50W LUMINOUS INTENSITY DISTRIBUTION



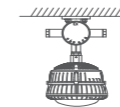
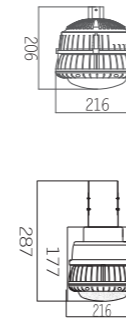
60W AVERAGE AND CENTER E FIGURE



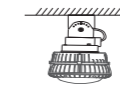
60W LUMINOUS INTENSITY DISTRIBUTION



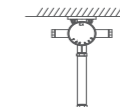
Dimension(mm)& Fixture Installation



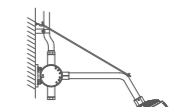
A Ceiling



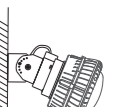
B Ceiling



C Tube



D Wall



E Wall

Package



N.W.: 9kg  
 Inner carton size: 25\*25\*25cm  
 Outer carton size: 52\*26\*27 (2pcs/ctn)  
 G.W.: 20kg/ctn



# NEW-FBG D60W

# LED Explosion-proof Highbay Light AC90-265V50Hz



Emergency power unit is available



## Features

### Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

### Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

### Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85. lifespan > 50,000hrs.

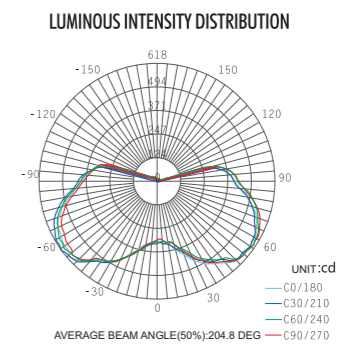
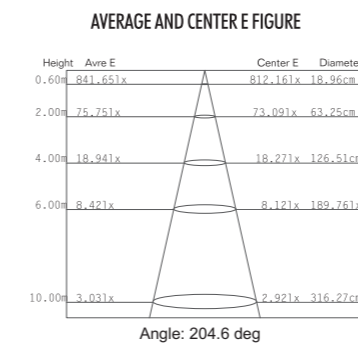
### Application

Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5 to T6

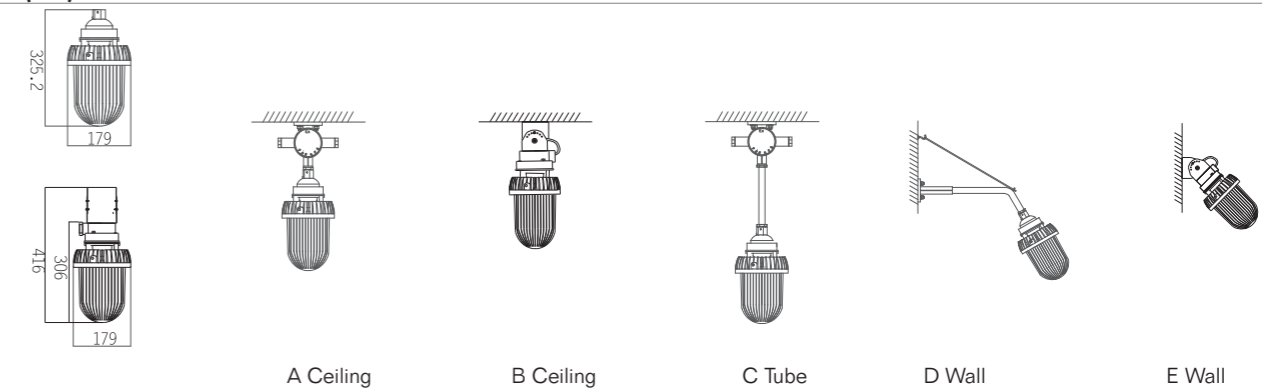
## Specification

Model Name	NEW-FBG
Input Voltage	AC90-265V
Power Frequency	50/60Hz
Power Factor	≥0.96
Wattage	60W
Lamp Luminous Flux (LM)	> 6600 lm
Luminous Efficiency	110-130 lm/W
LED Working Voltage	DC30-42V

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~ +45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours



## Dimension(mm)& Fixture Installation



## Package



N.W.: 5.3kg  
 Inner carton size: 19\*19\*34cm  
 Outer carton size: 40\*40\*42 (4pcs/ctn)  
 G.W.: 23kg/ctn



Emergency power unit is available



Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85. lifespan > 50,000hrs.

Application

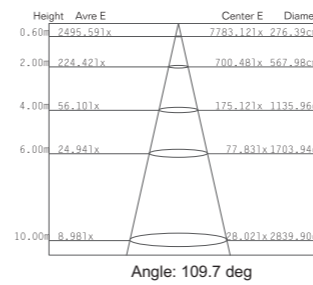
Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5 to T6

Specification

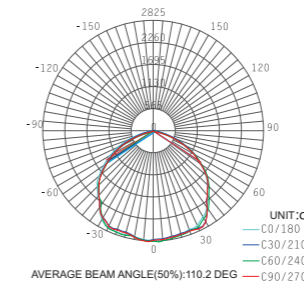
Model Name	NEW-FBG	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥ 0.96	
Wattage	80W	100W
Lamp Luminous Flux (LM)	> 8800 lm	> 11000lm
Luminous Efficiency	110-130 lm/W	
LED Working Voltage	DC30-42V	

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra ≥ 85
Operating Temperature	-30°C ~ +45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours

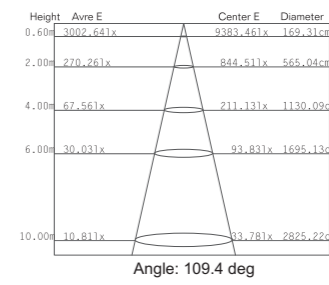
80W AVERAGE AND CENTER E FIGURE



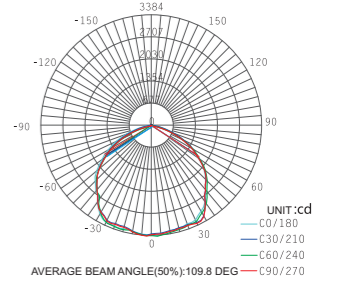
80W LUMINOUS INTENSITY DISTRIBUTION



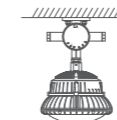
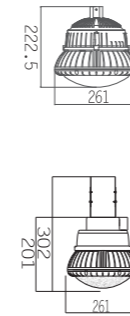
100W AVERAGE AND CENTER E FIGURE



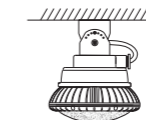
100W LUMINOUS INTENSITY DISTRIBUTION



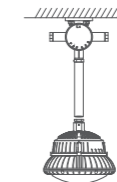
Dimension(mm)& Fixture Installation



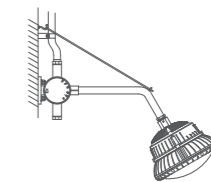
A Ceiling



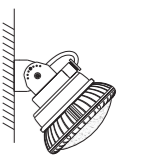
B Ceiling



C Tube



D Wall



E Wall

Package



N.W.: 11.2kg  
Inner carton size: 30\*30\*27cm  
Outer carton size: 62\*31\*29 (2pcs/ctn)  
G.W.: 24kg/ctn



# NEW-FBG 120W 150W

# LED Explosion-proof Highbay Light AC90-265V50Hz



Emergency power unit is available



## Features

### Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

### Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

### Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85. lifespan > 50,000hrs.

### Application

Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5 to T6

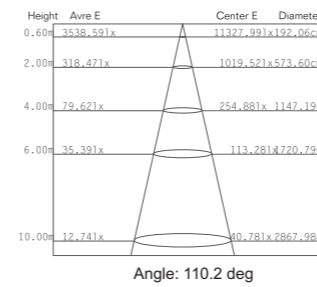
## Specification

Model Name	NEW-FBG	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥ 0.96	
Wattage	120W	150W
Lamp Luminous Flux (LM)	> 13200 lm	> 16500lm
Luminous Efficiency	110-130 lm/W	
LED Working Voltage	DC30-42V	

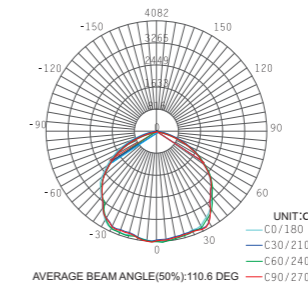
# NEW-FBG 120W 150W

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra ≥ 85
Operating Temperature	-30°C ~ +45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours

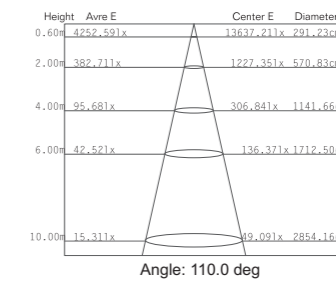
120W AVERAGE AND CENTER E FIGURE



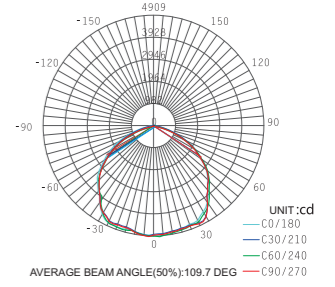
120W LUMINOUS INTENSITY DISTRIBUTION



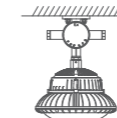
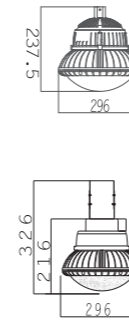
150W AVERAGE AND CENTER E FIGURE



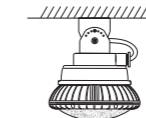
150W LUMINOUS INTENSITY DISTRIBUTION



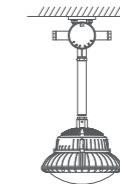
## Dimension(mm)& Fixture Installation



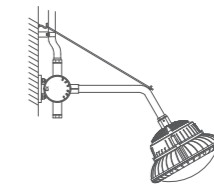
A Ceiling



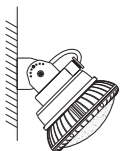
B Ceiling



C Tube



D Wall



E Wall

## Package



N.W.: 14.2kg  
Inner carton size: 34\*34\*27cm  
Outer carton size: 70\*35\*29 (2pcs/ctn)  
G.W.: 30kg/ctn



Emergency power unit is available



Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85. lifespan > 50,000hrs.

Application

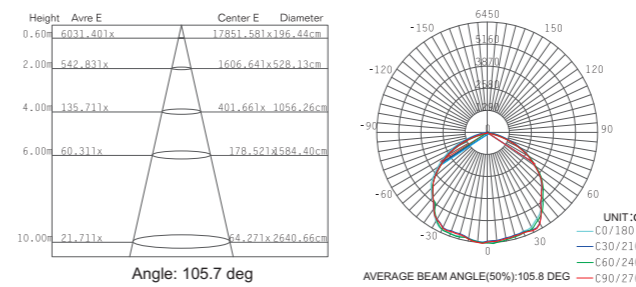
Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5 to T6

Specification

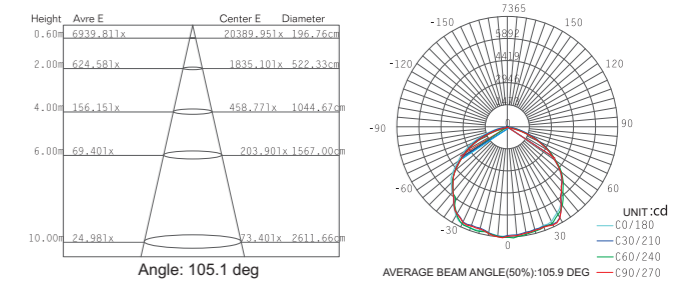
Model Name	NEW-FBG	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥0.96	
Wattage	180W	200W
Lamp Luminous Flux (LM)	> 19800 lm	> 22000lm
Luminous Efficiency	110-130 lm/W	
LED Working Voltage	DC30-42V	

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~+45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours

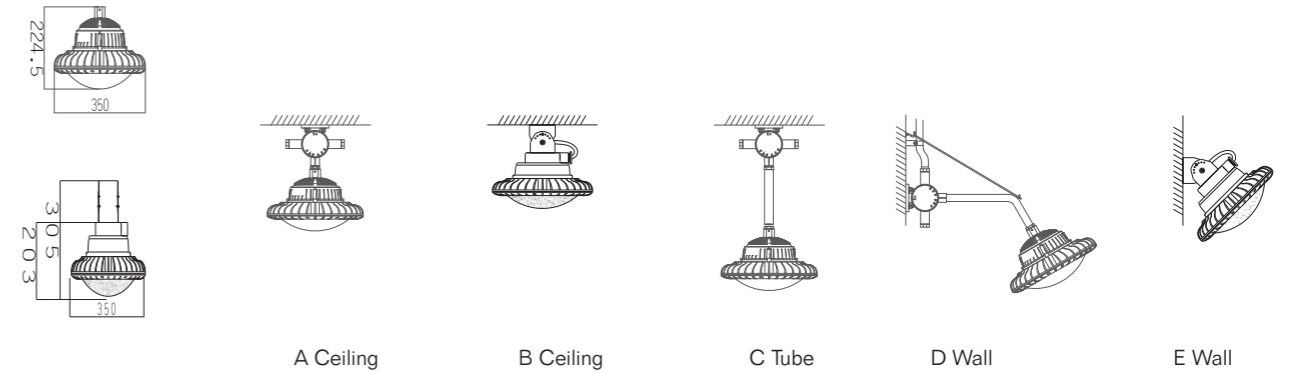
180W AVERAGE AND CENTER E FIGURE 180W LUMINOUS INTENSITY DISTRIBUTION



200W AVERAGE AND CENTER E FIGURE 200W LUMINOUS INTENSITY DISTRIBUTION



Dimension(mm)& Fixture Installation



Package



N.W.: 8.2kg  
Inner carton size: 39\*39\*28cm  
Outer carton size: 40\*40\*28 (1pcs/ctn)  
G.W.: 10kg/ctn



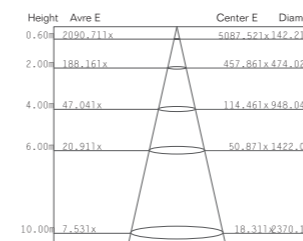


Specification

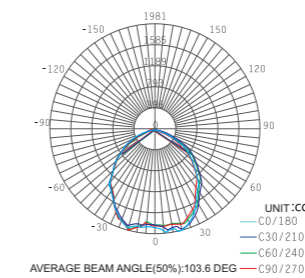
Model Name	NEW-FBF011	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥0.96	
Wattage	50W	60W
Lamp Luminous Flux (LM)	> 5500 lm	> 6600lm
Luminous Efficiency	110-130 lm/W	
LED Working Voltage	DC30-42V	

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~+45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours

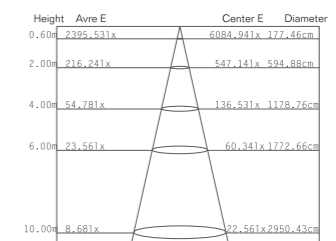
50W AVERAGE AND CENTER E FIGURE



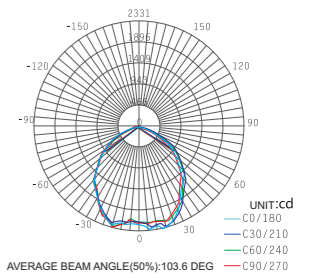
50W LUMINOUS INTENSITY DISTRIBUTION



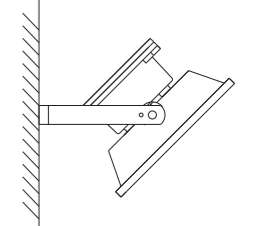
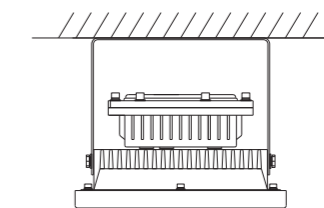
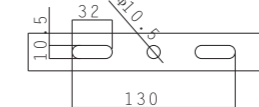
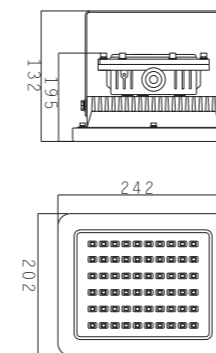
60W AVERAGE AND CENTER E FIGURE



60W LUMINOUS INTENSITY DISTRIBUTION



Dimension(mm)& Fixture Installation



A Ceiling

B Wall

Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K).High coefficient of performance chromatic CRI≥85. lifespan>50,000hrs.

Application

Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5 to T6

Package



N.W.: 3.4kg  
Inner carton size: 28\*24\*16cm  
Outer carton size: 50\*29\*18 (2pcs/ctn)  
G.W.: 10kg/ctn

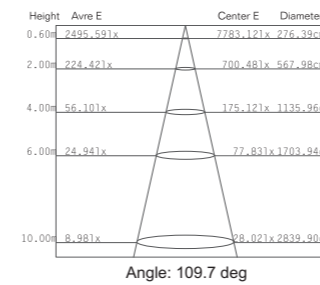


Specification

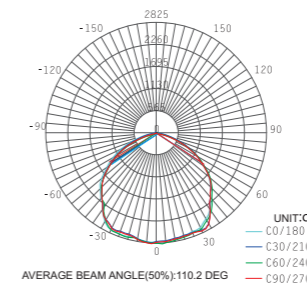
Model Name	NEW-FBF011	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥0.96	
Wattage	80W	100W
Lamp Luminous Flux (LM)	> 8800 lm	> 11000lm
Luminous Efficiency	110-130 lm/W	
LED Working Voltage	DC30-42V	

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~ +45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours

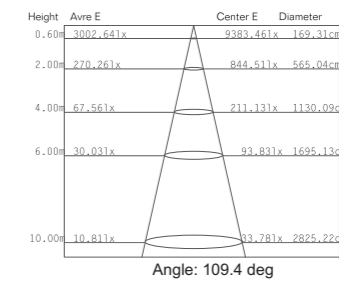
80W AVERAGE AND CENTER E FIGURE



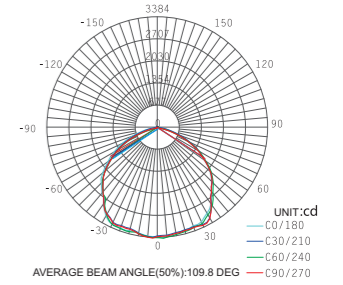
80W LUMINOUS INTENSITY DISTRIBUTION



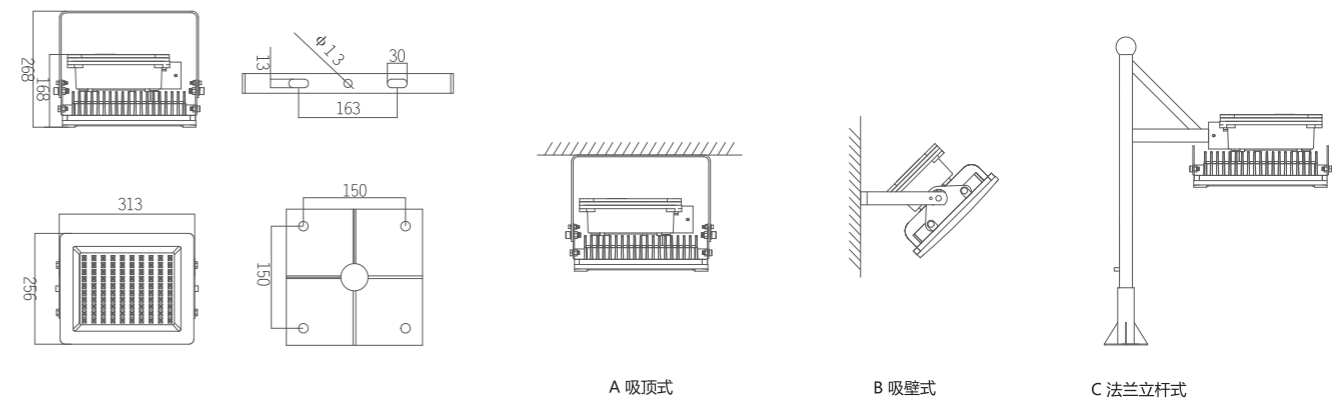
100W AVERAGE AND CENTER E FIGURE



100W LUMINOUS INTENSITY DISTRIBUTION



Dimension(mm)& Fixture Installation



Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85. Lifespan > 50,000hrs.

Application

Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5 to T6

Package



N.W.: 7.5kg  
Outer carton size: 34\*28\*22cm (1pcs/ctn)  
G.W.: 10kg/ctn



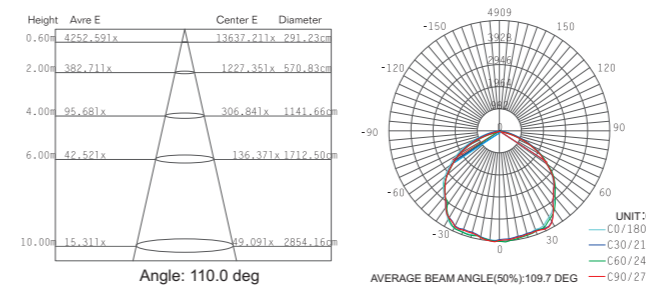


Specification

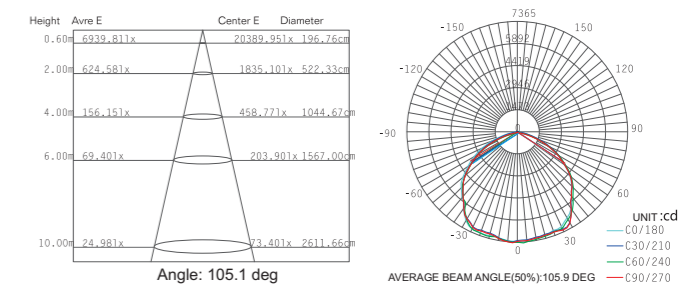
Model Name	NEW-FBF011	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥0.96	
Wattage	150W	200W
Lamp Luminous Flux (LM)	> 16500 lm	> 22000lm
Luminous Efficiency	110-130 lm/W	
LED Working Voltage	DC30-42V	

CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~+45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	> 50,000 hours

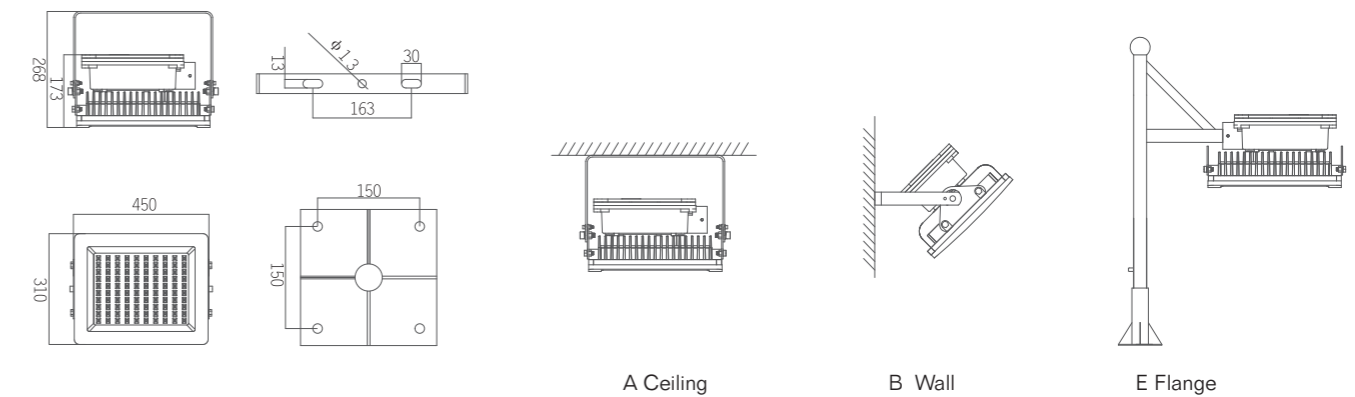
150W AVERAGE AND CENTER E FIGURE 150W LUMINOUS INTENSITY DISTRIBUTION



200W AVERAGE AND CENTER E FIGURE 200W LUMINOUS INTENSITY DISTRIBUTION



Dimension(mm)& Fixture Installation



Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, built-in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85. Lifespan > 50,000hrs.

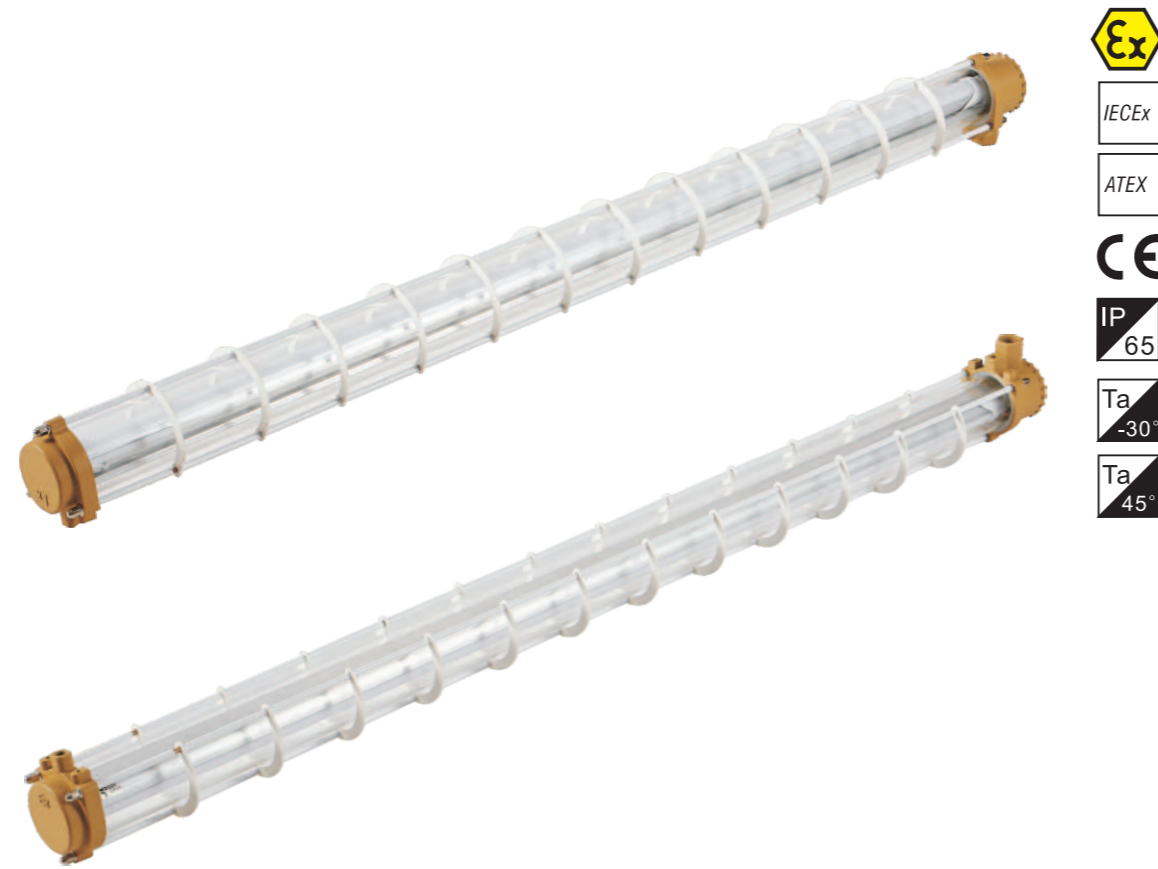
Application

Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2. Gas explosive environment: Group IIA IIB IIC. Temperature class: T5 to T6

Package



N.W.: 14kg  
Outer carton size: 48\*34\*22cm (1pcs/ctn)  
G.W.: 16kg/ctn

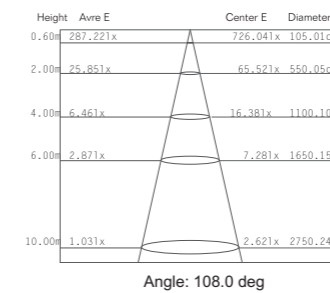


Specification

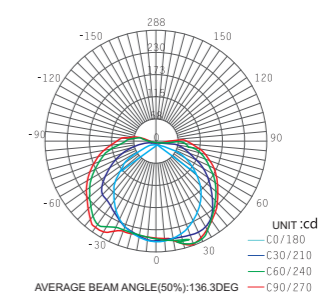
Model Name	NEW-FBY006	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥0.96	
Wattage	1x9W	1x10W
Lamp Luminous Flux (LM)	> 810lm	> 900lm
Wattage	1x18W	1x20W
LED Working Voltage	> 1620 lm	> 1800lm

Luminous Efficiency	90-110 lm/W
CCT	3000K-6000K
CRI	Ra≥85
Operating Temperature	-30°C~+45°C
IP Rating	IP65
Anti-corrosion	> 50,000 hrs
LED Lifespan	DC30-42V

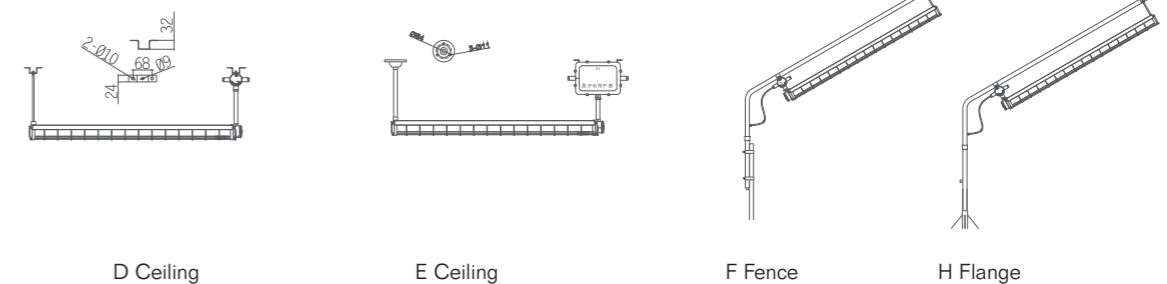
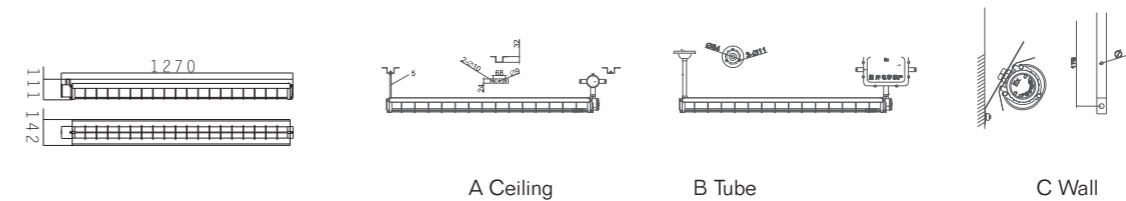
1x20W AVERAGE AND CENTER E FIGURE



1x20W LUMINOUS INTENSITY DISTRIBUTION



Dimension(mm)& Fixture Installation



Features

Aluminium alloy Enclosure, high voltage electrostatic powder coated after shot blasted.  
High strength toughened glass cover. BPY easy maintenance Explosion proof LED lamp  
Exposed fasteners are of stainless steel with function of high corrosion-proof.  
With grids to adjust lighting effect and reduce the glare.  
Modular plug structure design, only need disconnect end cover draw out core to change tubes.  
For fitting with emergency unit, It will automatically turn to emergency lighting when power circuit failed.  
Inside the emergency unit designed with over charging and over discharging protection circuit.  
Screw connection type, for easy installation and maintenance.  
Power factor can be over 0.95.  
Steel conduit or cable wiring.

Application

Suitable for explosive gas environment Zone1 and Zone2.  
Suitable for IIA,IIB,IIC explosive gas environment.  
Suitable for Hazardous dust area: Zone20, Zone21, Zone22.  
Can be used in the environment of temperature group for T1~T6.  
Lighting source: T8 tube.  
Designed for petroleum explosion, refinery, storage, chemistry, medicine, military etc. sites with potential explosive atmosphere.

Technical Parameters

Meet a criterion:G3B3836.1, GB3836.2, GB12476.1, IEC60079-0,IEC60079-1, IEC61241-1, EN60079-0, EN60079-1, EN61241-1  
Ex--proof Mark: Exd II BT6 Gb, Exd II CT6 Gb, DIP A21 TA, T6.  
Lighting Source: 1x9W, 1X10W, 1x18W,1x20W  
Protection grade:IP54, IP65, IP66\*( If need IP66, need to info us)  
Corrosion-proof grade:VF1  
Inlet Thread: G1/2" BPY easy maintenance Explosion proof LED lamp lighting fixture  
Cable outer dia:6mm~10mm  
Battery charging time:≤24h  
Emergency Start time:≤0.3s  
Emergency lighting duration:≥90min



# NEW-FBY006 2x9W/2x10W/2x18W/2x20W

# LED Explosion-proof Light Tube

AC90-265V50Hz



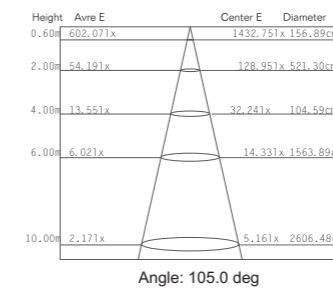
## Specification

Model Name	NEW-FBY006	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥0.96	
Wattage	2x9W	2x10W
Lamp Luminous Flux (LM)	> 1620lm	> 1800lm
Wattage	2x18W	2x20W
LED Working Voltage	> 3240 lm	> 3600lm

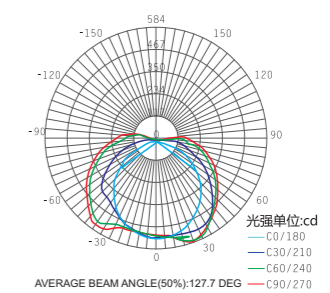
# NEW-FBY006 2x9W/2x10W/2x18W/2x20W

Luminous Efficiency	90-110 lm/W
CCT	3000K-6000K
CRI	Ra≥85
Operating Temperature	-30°C~+45°C
IP Rating	IP65
Anti-corrosion	> 50,000 hrs
LED Lifespan	DC30-42V

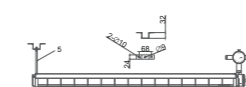
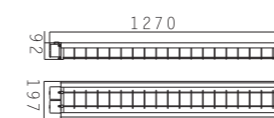
2x20W AVERAGE AND CENTER E FIGURE



2x20W LUMINOUS INTENSITY DISTRIBUTION



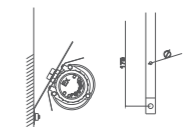
## Dimension(mm)& Fixture Installation



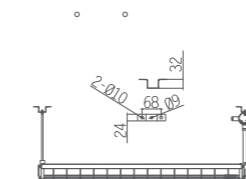
A Ceiling



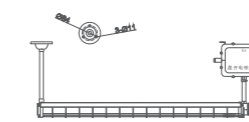
B Tube



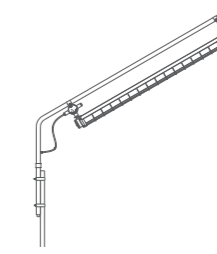
C Wall



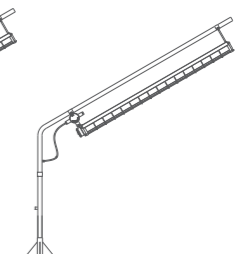
D Ceiling



E Ceiling



F Fence



H Flange

## Features

Aluminium alloy Enclosure, high voltage electrostatic powder coated after shot blasted.  
 High strength toughened glass cover. BPY easy maintenance Explosion proof LED lamp  
 Exposed fasteners are of stainless steel with function of high corrosion-proof.  
 With grids to adjust lighting effect and reduce the glare.  
 Modular plug structure design, only need disconnect end cover draw out core to change tubes.  
 For fitting with emergency unit, It will automatically turn to emergency lighting when power circuit failed.  
 Inside the emergency unit designed with over charging and over discharging protection circuit.  
 Screw connection type, for easy installation and maintenance.  
 Power factor can be over 0.95.  
 Steel conduit or cable wiring.

## Application

Suitable for explosive gas environment Zone1 and Zone2.  
 Suitable for IIA, IIB, IIC explosive gas environment.  
 Suitable for Hazardous dust area: Zone20, Zone21, Zone22.  
 Can be used in the environment of temperature group for T1~T6.  
 Lighting source: T8 tube.  
 Designed for petroleum explosion, refinery, storage, chemistry, medicine, military etc. sites with potential explosive atmosphere.

## Technical Parameters

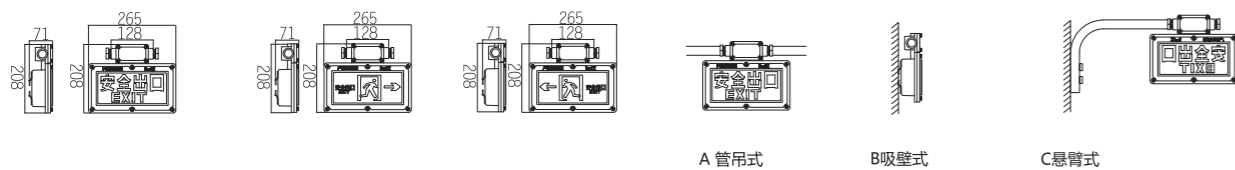
Meet a criterion: G3B3836.1, GB3836.2, GB12476.1, IEC60079-0, IEC60079-1, IEC61241-1, EN60079-0, EN60079-1, EN61241-1  
 Ex-proof Mark: Exd II BT6 Gb, Exd II CT6 Gb, DIP A21 TA, T6  
 Lighting Source: 1x9W, 1x10W, 1x18W, 1x20W  
 Protection grade: IP54, IP65, IP66\* (If need IP66, need to info us)  
 Corrosion-proof grade: WF1  
 Inlet Thread: G1/2" BPY easy maintenance Explosion proof LED lamp lighting fixture  
 Cable outer dia: 6mm~10mm  
 Battery charging time: ≤24h  
 Emergency Start time: ≤0.3s  
 Emergency lighting duration: ≥90min

NEW-FBB005 Evacuation Indicator **LED Explosion-proof Safety Exit Light**

AC220V 50Hz



Dimension(mm)& Fixture Installation



Features

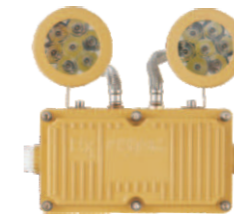
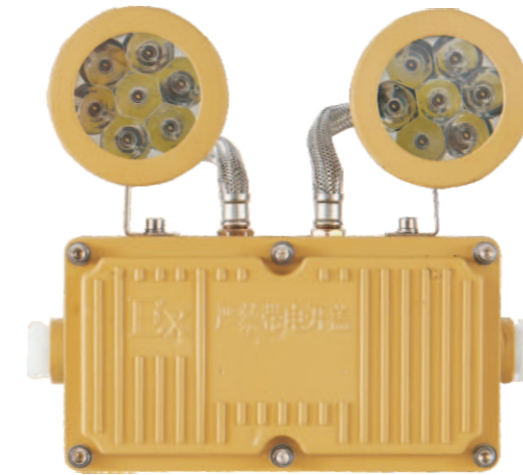
Aluminum alloy enclosure, surface plastic-sprayed on high-pressure electrostatic technique.  
High impact resistance tempered glass cover.  
Stainless steel fasten of high anti-corrosive.  
Charging core for Li battery with high charging efficiency, energy saving and can effectively prolong battery service life.

Application

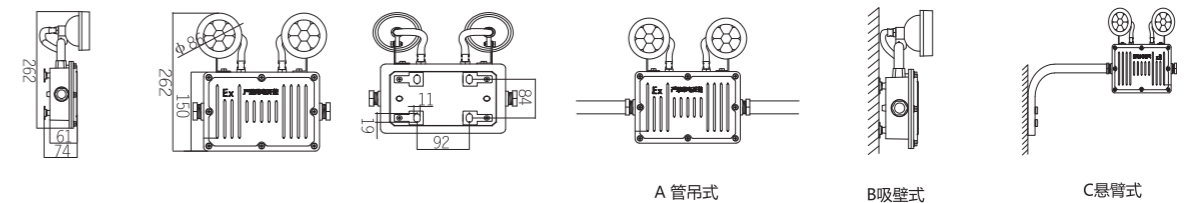
Suitable for explosive gas environment Zone1 and Zone2.  
Suitable for IIA,IIB,IIC explosive gas environment.  
Suitable for Hazardous dust area: Zone20, Zone21, Zone22.  
Can be used in the environment of temperature group for T5~T6.  
Lighting source: LED.  
Mainly used for exit signs and direction in emergency conditions.  
Designed for petroleum explosion, refinery, storage, chemistry, medicine, military etc. sites with potential explosive atmosphere.

NEW-FBB005 Double Emergency Light **LED Explosion-proof Safety Exit Light**

AC220V 50Hz



Dimension(mm)& Fixture Installation



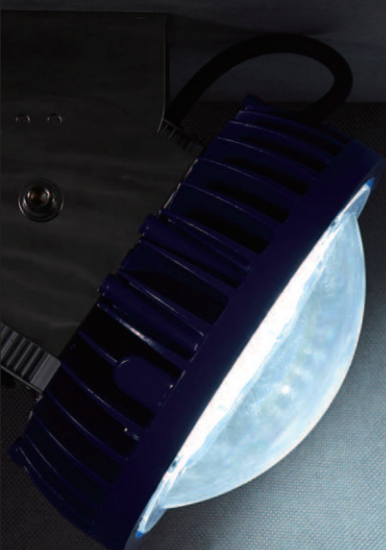
Features

Meet a criterion:G3B3836.1, GB3836.2, GB12476.1, IEC60079-0,IEC60079-1, IEC61241-1, EN60079-0, EN60079-1, EN61241-1  
Ex---proof Mark: Exd II BT6 Gb, Exd II CT6 Gb, DIP A21 TA, T6.  
Lighting Source: LED 5W  
Emergency Voltage: DC 3.6V  
Protection grade:IP54, IP65  
Corrosion-proof grade:WF1  
Inlet Thread: G3/4"  
Cable outer dia:9mm~14mm

Application

Suitable for explosive gas environment Zone1 and Zone2.  
Suitable for IIA,IIB,IIC explosive gas environment.  
Suitable for Hazardous dust area: Zone20, Zone21, Zone22.  
Can be used in the environment of temperature group for T5~T6.  
Lighting source: LED.  
Mainly used for exit signs and direction in emergency conditions.  
Designed for petroleum explosion, refinery, storage, chemistry, medicine, military etc. sites with potential explosive atmosphere.





# ***Tri Proof LED Light***



**Newell**

产品零缺陷是  
用心服务，满足客

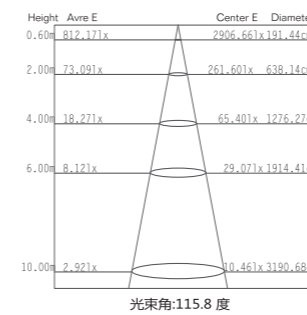




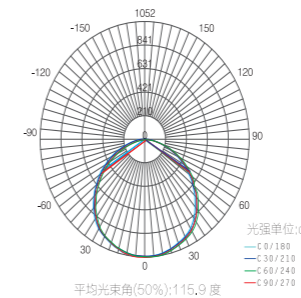
Model Name	NEW-SF	
Input Voltage	AC90-240V	
Frequency	50/60Hz	
Power Factor	> 0.96	
Wattage	30W	50W
Lamp Luminous Flux	> 3300 lm	> 5500 lm
Luminous Efficiency	110-130 lm/W	
LED Source	Epistar 2835	

LED Working Voltage	DC30-42V
CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~+45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	50,000 小时

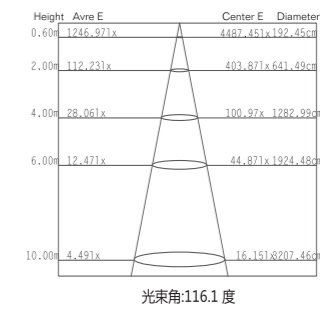
30W AVERAGE AND CENTER E FIGURE



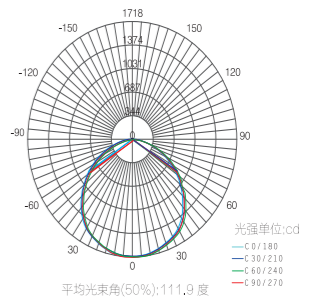
30W LUMINOUS INTENSITY DISTRIBUTION



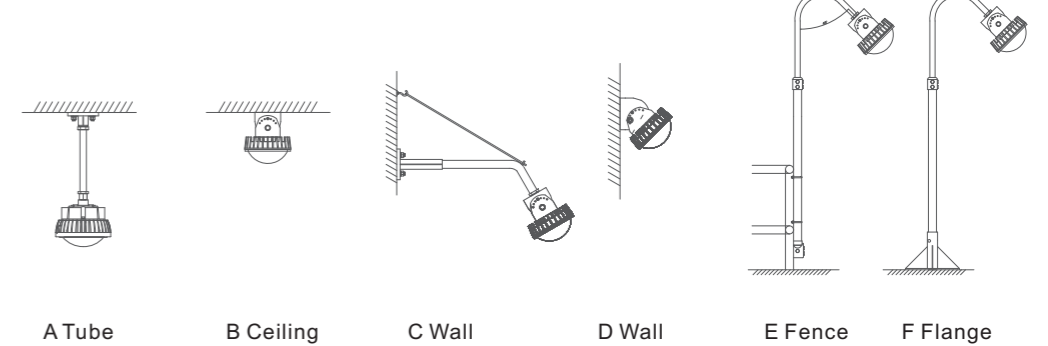
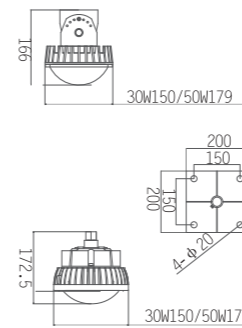
50W AVERAGE AND CENTER E FIGURE



50W LUMINOUS INTENSITY DISTRIBUTION



Dimension(mm) & Fixture Installation



Features

Body

Body in die-cast aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance.

Sources

LED light source (OSRAM/PHILIPS3030) with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K).High coefficient of performance chromatic CRI≥85. lifespan>50,000hrs.Optic optical PC cover, strong impact ability and high transparency.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac,Built-in Active PFC>0.95 ,THD<15% ,Surge Protection : 10KV/6KV/4KV

Application

Factory, warehouse, Corridors, substations, ports, industrial buildings, squares, packing lot, oil refining, chemical, military, vessel.

Package



N.W.: 1.5kg (30W)  
2.5kg (50W)  
Inner Carton Size: 16\*16\*23cm (30W)  
21\*21\*24cm (50W)  
Outer Carton Size: 34\*34\*25cm (30W, 4pcs/CTN)  
44\*44\*26cm (50W, 4pcs/CTN)  
G.W.: 8kg (30W)  
12kg (50W)





Features

Body

Body in die-cast aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, Built-in Active PFC > 0.95, THD < 15%, Surge Protection: 10KV/6KV/4KV

Sources

LED light source (OSRAM/PHILIPS3030) with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85, lifespan > 50,000hrs. Optic optical PC cover, strong impact ability and high transparency.

Application

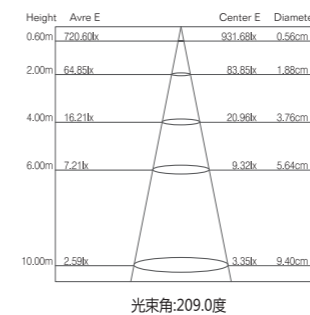
Factory, warehouse, Corridors, substations, ports, industrial buildings, squares, packing lot, oil refining, chemical, military, vessel.

Specification

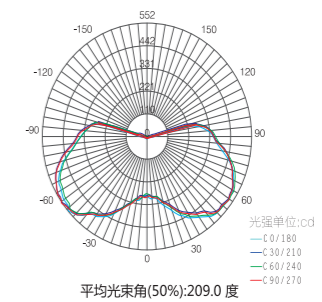
Model Name	NEW-SF
Input Voltage	AC90-240V
Frequency	50/60Hz
Power Factor	> 0.96
Wattage	D50W
Lamp Luminous Flux	> 5500 lm
Luminous Efficiency	110-130 lm/W
LED Source	Epistar 2835

LED Working Voltage	DC30-42V
CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra ≥ 85
Operating Temperature	-30°C ~ +45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	50,000 小时

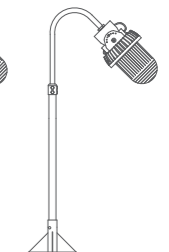
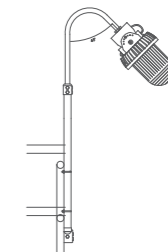
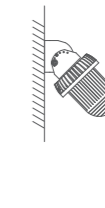
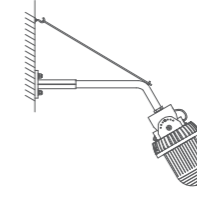
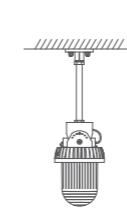
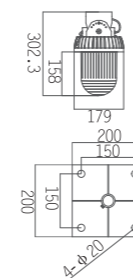
AVERAGE AND CENTER E FIGURE



LUMINOUS INTENSITY DISTRIBUTION



Dimension(mm) & Fixture Installation



A Tube

B Ceiling

C Wall

D Wall

E Fence

F Flange

Package



N.W.: 5kg  
 Inner Carton Size: 19\*19\*38cm  
 Outer Carton Size: 40\*40\*40cm (4pcs/CTN)  
 G.W.: 22kg



Features

Body

Body in die-cast aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, Built-in Active PFC > 0.95, THD < 15%, Surge Protection: 10KV/6KV/4KV

Sources

LED light source (OSRAM/PHILIPS3030) with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85, lifespan > 50,000hrs. Optic optical PC cover, strong impact ability and high transparency.

Application

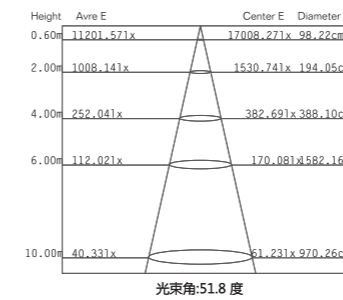
Factory, warehouse, Corridors, substations, ports, industrial buildings, squares, packing lot, oil refining, chemical, military, vessel.

Specification

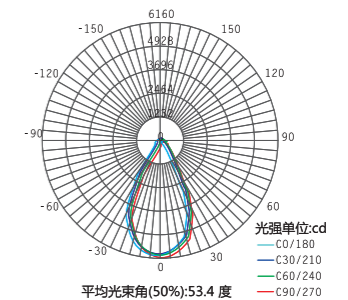
Model Name	NEW-SF	
Input Voltage	AC90-240V	
Frequency	50/60Hz	
Power Factor	> 0.96	
Wattage	C50W	C60W
Lamp Luminous Flux	> 5500 lm	> 6600 lm
Luminous Efficiency	110-130 lm/W	
LED Source	Epistar 2835	

LED Working Voltage	DC30-42V
CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra ≥ 85
Operating Temperature	-30°C ~ +45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	50,000 小时

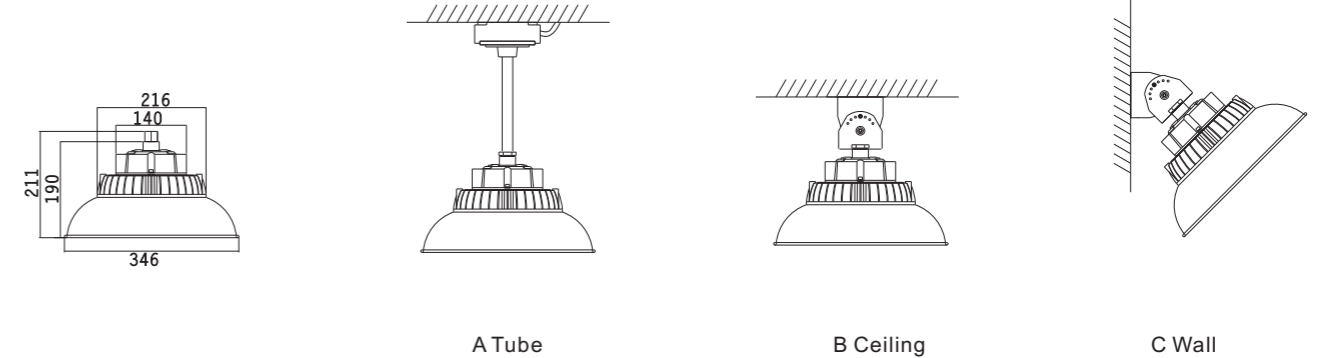
AVERAGE AND CENTER E FIGURE



LUMINOUS INTENSITY DISTRIBUTION



Dimension(mm) & Fixture Installation



Package



N.W.: 4kg  
 Inner Carton Size: 19\*19\*23cm  
 Outer Carton Size: 40\*40\*25cm (2pcs/CTN)  
 G.W.: 9kg



Features

Body

Body in die-cast aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, Built-in Active PFC > 0.95, THD < 15%, Surge Protection: 10KV/6KV/4KV

Sources

LED light source (OSRAM/PHILIPS3030) with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85, lifespan > 50,000hrs. Optic optical PC cover, strong impact ability and high transparency.

Application

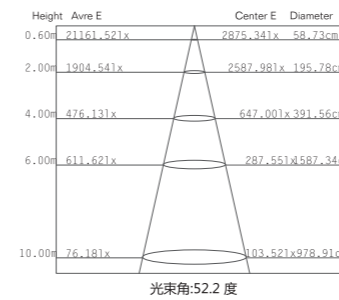
Factory, warehouse, Corridors, substations, ports, industrial buildings, squares, packing lot, oil refining, chemical, military, vessel.

Specification

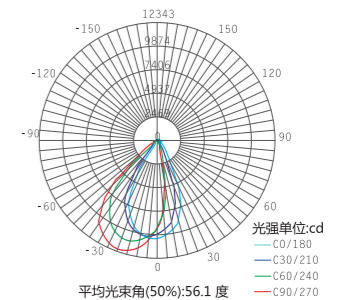
Model Name	NEW-SF	
Input Voltage	AC90-240V	
Frequency	50/60Hz	
Power Factor	> 0.96	
Wattage	C80W	C100W
Lamp Luminous Flux	> 8800 lm	> 11000 lm
Luminous Efficiency	110-130 lm/W	
LED Source	Epistar 2835	

LED Working Voltage	DC30-42V
CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra ≥ 85
Operating Temperature	-30°C ~ +45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	50,000 小时

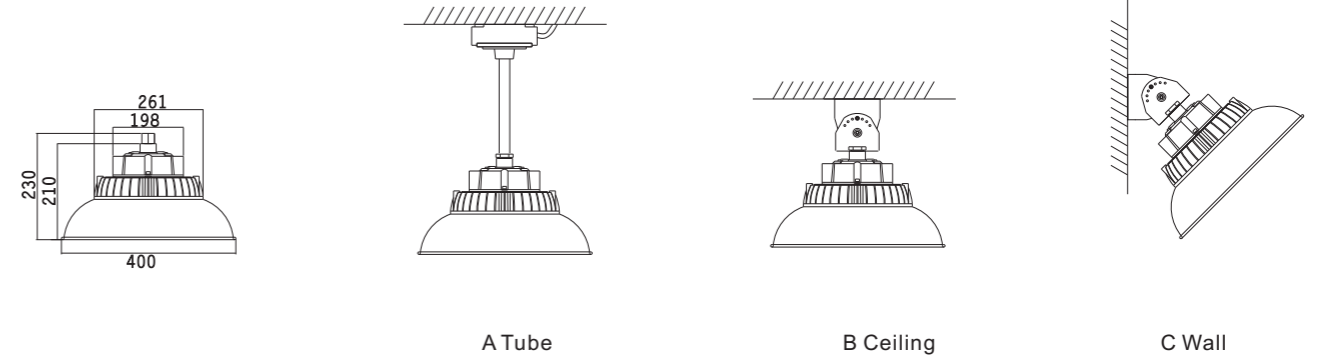
AVERAGE AND CENTER E FIGURE



LUMINOUS INTENSITY DISTRIBUTION



Dimension(mm) & Fixture Installation



Package



N.W.: 5kg  
 Inner Carton Size: 28\*28\*25cm  
 Outer Carton Size: 57\*57\*27cm (2pcs/CTN)  
 G.W.: 12kg

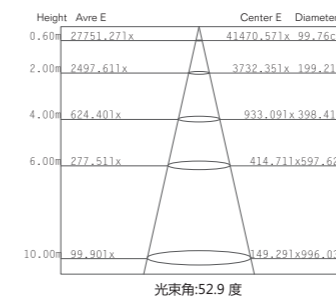




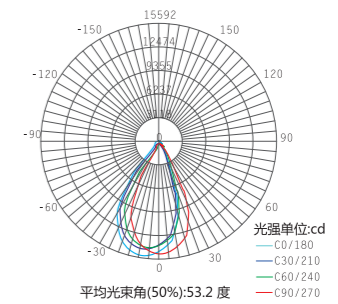
Model Name	NEW-SF	
Input Voltage	AC90-240V	
Frequency	50/60Hz	
Power Factor	> 0.96	
Wattage	C120W	C150W
Lamp Luminous Flux	> 13200 lm	> 16500 lm
Luminous Efficiency	110-130 lm/W	
LED Source	Epistar 2835	

LED Working Voltage	DC30-42V
CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~ +45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	50,000 小时

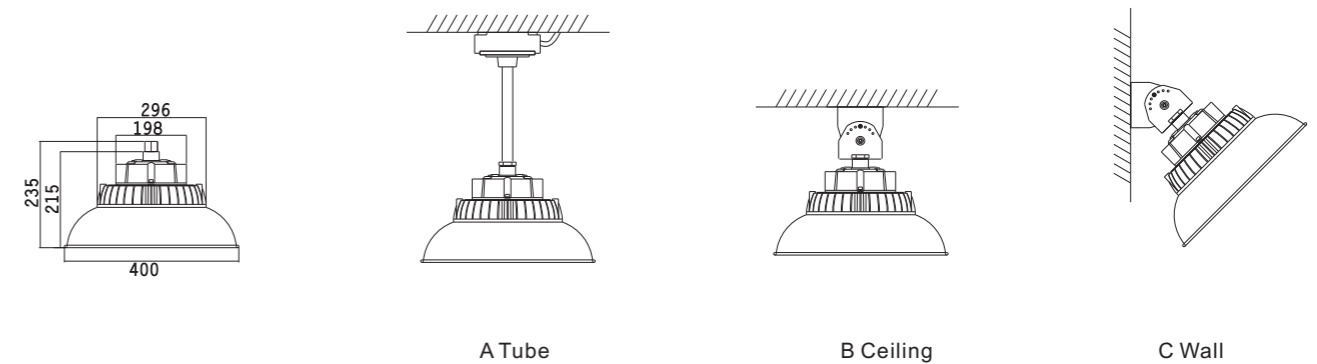
AVERAGE AND CENTER E FIGURE



LUMINOUS INTENSITY DISTRIBUTION



Dimension(mm) & Fixture Installation



Features

Body

Body in die-cast aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance.

Sources

LED light source (OSRAM/PHILIPS3030) with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K).High coefficient of performance chromatic CRI≥85. lifespan>50,000hrs.Optic optical PC cover, strong impact ability and high transparency.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac,Built-in Active PFC>0.95 ,THD<15% ,Surge Protection : 10KV/6KV/4KV

Application

Factory, warehouse, Corridors, substations, ports, industrial buildings, squares, packing lot, oil refining, chemical, military, vessel.

Package



N.W.: 6kg  
Inner Carton Size: 31\*31\*25cm  
Outer Carton Size: 64\*32\*27cm (2pcs/CTN)  
G.W.: 14kg



Features

Body

Body in die-cast aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90-265Vac, Built-in Active PFC > 0.95, THD < 15%, Surge Protection : 10KV/6KV/4KV

Sources

LED light source (OSRAM/PHILIPS3030) with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K). High coefficient of performance chromatic CRI ≥ 85, lifespan > 50,000hrs. Optic optical PC cover, strong impact ability and high transparency.

Application

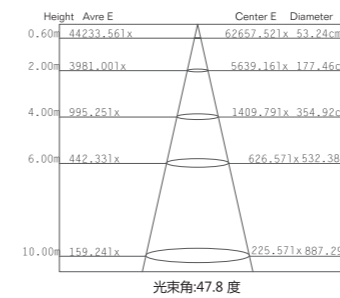
Factory, warehouse, Corridors, substations, ports, industrial buildings, squares, packing lot, oil refining, chemical, military, vessel.

Specification

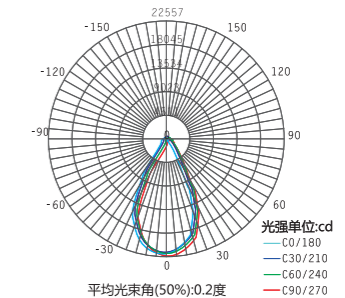
Model Name	NEW-SF	
Input Voltage	AC90-240V	
Frequency	50/60Hz	
Power Factor	> 0.96	
Wattage	C180W	C200W
Lamp Luminous Flux	> 19800 lm	> 22000 lm
Luminous Efficiency	110-130 lm/W	
LED Source	Epistar 2835	

LED Working Voltage	DC30-42V
CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra ≥ 85
Operating Temperature	-30°C ~ +45°C
IP Rating	IP65
Anti-corrosion	WF2
LED Lifespan	50,000 小时

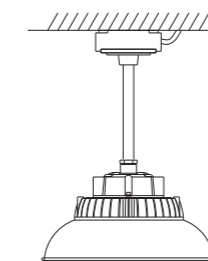
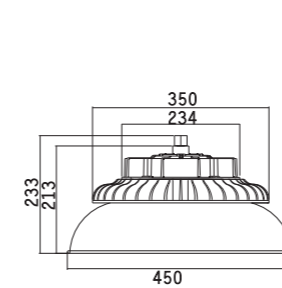
AVERAGE AND CENTER E FIGURE



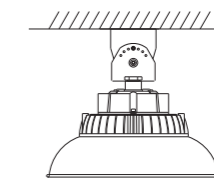
LUMINOUS INTENSITY DISTRIBUTION



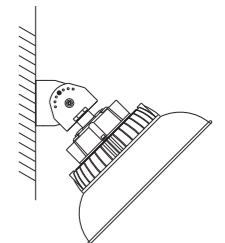
Dimension(mm) & Fixture Installation



A Tube



B Ceiling



C Wall

Package



N.W.: 7kg  
Inner Carton Size: 36\*36\*25cm  
Outer Carton Size: 38\*38\*27cm (1pcs/CTN)  
G.W.: 9kg