

الروف
LIGHTING TECHNOLOGY CO.Ltd.



شركة الروف
لتقنية الإنارة المحدودة

ISO 9001-2015 QMS
ISO 45001:2018 HSE



INDUSTRIAL LIGHTING

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INDUSTRIAL LIGHTING

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INTRODUCTION

WHAT'S SO SPECIAL ABOUT ALROUF LED

Alrouf lighting is an **ISO 9001-2015 QMS, ISO 45001:2018 HSE** company. Alrouf LED offers a diverse selection of industrial LED lighting that helps brighten your entire industrial landscape. LED lighting renders colors more accurately with less heat, gains efficiency at lower temperatures and save upto 70% on energy costs. LED light fixture are the perfect solution for a broad range of industrial and high bay, street lighting projects, including food processing, refrigerated spaces, warehouses, gymnasiums, natatoriums, cafeterias, high ceiling retail, auditoriums and convention centers.



1 - SITE SURVEY

In this stage we collect all the needed data such as facility application, existing lighting system, power consumption, CAD drawing and environment.



2 - LIGHTING DESIGN

We put all collected data into the table, and we use the latest Technology in lighting design (dialux) to the best lighting Solutions.



3 - PROJECT PROPOSAL

Project proposal we make 2 or 3 different Solutions that have variation of cost and Savings depending on the site and client Requirements.



4 - RETURN OF INVESTMENT

For every solutions we submit return Of investment study that explains an in Dept details of the savings and initial cost of the solution and the payback period.



5 - SAMPLE INSTALLATION

We always advice our clients of install Free of charge samples to ensure our design results and at the same time the clients can perceive our lighting solutions in a realistic view.



6 - LOGISTIC & DELIVERY

We work hand to hand with the supplier and the courier to deliver the goods in the shortest time. The client is always updated by all means. In terms of courier we always work with the best regardless of the cost or value of the project.



7 - INSTALLATION

We will be there in all phases of the Project giving all the needed support to the clients. We even do turnkey projects If requested by the clients.



8 - CUSTOMER TRAINING

We provide training for any contractor who will do the job for the end client. We always support them when technical issues arises



9 - AFTER SALES SERVICES

Warranty and maintenance service are Issued to all clients around the country or regardless where is the location of the Client

**Alrouf LINEAR
LIGHT T552 RANGE**



**Alrouf Explosion
Proof Light A Series**



**Alrouf Icon
Series Street Light**



**Alrouf Explosion
Proof Light H Series**



**Alrouf Diamond
Series LED Wall Pack**



**Alrouf Ex Proof
B-series Highbay**



**Alrouf R Series
Explosion Proof LED Light**



**Alrouf SKYWING VIII
High Mast Flood Light**



**Alrouf Diamond
Flood Light**



**Alrouf Victor Series
LED Well Glass Light**

**Alrouf Elegant
V High Bay Light**



**Alrouf EDGE Series
Area Flood & High bay Light**





ALROUF EX PROOF HIGHBAY B-SERIES

Applications

- All Petroleum Production and Refinery
- Petroleum Loading and Transportation
- Petroleum Storage and Retail
- Paint Facilities
- Pumping Stations in any Environment
- Metal Smelting, Foundry and Fabrication
- Mining Operations and Service
- Ocean Platform Facilities and Structure
- Aerospace Clean Room and Production
- Chemical Production and Storage
- Ocean Vessel Operations
- Military Space Conditions
- Flour and Fine Particle Production and Storage
- Food and Distilling Production
- Electrical Power Generation and Stations
- Other high humidity, high vapor, high dust and high temperature locations

Metal Treatment

- Steel and Aluminum factories
- Pumping stations in any environment
- Metal smelting, foundry and fabrication

Food and Alcohol Industry

- Flour and fine particle production and storage
- Food and distilling production
- Alcohol industry

Ocean, Marine and Aerospace Field

- Ocean platform operation facilities and structure
- Aerospace clean room and production
- Ocean vessel operations

Oil and Gas Industry

- All petroleum production and refining
- Petroleum loading and transportation
- Petroleum storage and retail
- LNG industry
- All mining operations and service Chemical industry
- All types of paint facilities
- Chemical production and storage



Other high humidity, high dust, high temperature, vapor locations

Features

- Working Temperature: -40Å°C - +55Å°C.
- High quality SMT LED and Meanwell Driver.
- Light-weight design by aircraft aluminum.
- Heavy-duty and high impact resistance.
- Three connection cable entry points.
- Replaceable LED board and drivers.
- Integrated junction box for driver with emergency back up.
- Dimmable and battery back up function available.
- Marine rating powder coated appearance treatment.
- Up to 5 years limited warranty option.
- Emergency Battery back up to three hours.
- Various installation ways for different applications.
- Glass lens or Glass with polycarbonate lens to make bigger beam angle.

Materials

- Housing: Aluminum
- Lens: Tempered glass
- Mounting Bracket: stainless steel
- Hardware: stainless steel



Marking IECEx

Ex mb eb IIC T4 Gb
Ex tb IIIC T135C Db IP66
Exec IIC T3C Ge
Ex tb IIIC T85C Db Ip66



Marking Atex

112 G Ex mb eb IIC T4 Gb
112 D Ex tb IIIC T135C Db IP66
113 G Exec IIC T3C Ge
112 D Ex tb IIIC T85C Db IP66



Marine Marking

UL 1598A
ABS
Other Rating IP 66



Marking UL844 (North American)

Class I, Division 2, Groups A, B, C, D
Class 11, Division 1, Groups E, F, G
Class 11, Division 2, Groups F, G
Class III

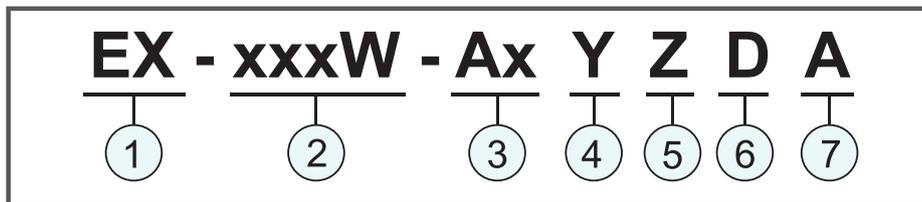
Typical Model Specification

Product Number	Wattage	Color Temperature	Voltage	Lumens	Warranty	CRI
AREX-20W B2YZDA1	20	2200K-7000K	AC100-277V(by driver or by IC) Or DC12-48V	2800	5 years	80
AREX-40W B2YIDA2	40			5600		
AREX-60W BYZDA3	60		AC100-277V(by driver or by IC) Or DC12-48V Or AC200-488V(<65W)	8400		
AREX-80W BYZDA4	80			11200		
AREX-1 00W B3YZDA5	100		AC100-277V(by driver or by IC) Or DC12-48V Or AC200-488V	14000		
AREX-120W B3YZDA6	120			16800		
AREX-150W B3YZDA7	150			21000		
AREX-200W B3YZDA8	200			28000		
AREX-250W B4YZDA9	250			35000		
AREX-300W B4YZDA10	300			42000		
AREX-350W B4YIDA 11	350			49000		
AREX-400W B4YIDA12	400			56000		

Packing Information

Model	Quantity/Carton	Length(cm)	Width(cm)	Height(cm)	Net weight(kg)	Gross weight(kg)
B	1	38.6	33	22	4.4	5.5
B2	1	36	35.4	26	3.5	5
B3	1	48	46	26.5	8.2	10.5
B4	1	53	53	44	18.8	21.5

Ordering Information



1 PRODUCT CATEGORY
◆ Explosion proof light

2 WATTAGE
◆ From 2200K to 7000K

3 PRODUCT SERIES
◆ A A2 A3 A4

4 DIMMING OPTION
◆ D= dimmable
◆ N= Non-dimmable

5 CCT
◆ From 2200K to 7000K
◆ 22=2200K, 30=3000K,..., 70=7000K

6 BEAM ANGLE
◆ D40= 40°
◆ D60= 60°

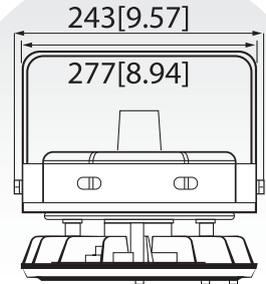
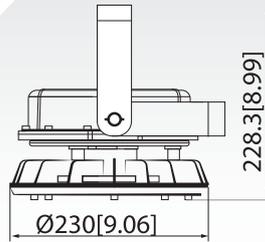
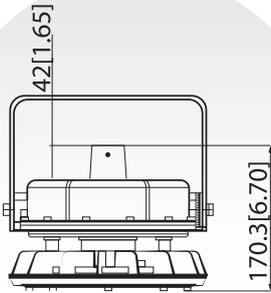
7 GLASS TYPE
◆ A=blank: Flat glass
◆ A=C: Spherical glass

Certification



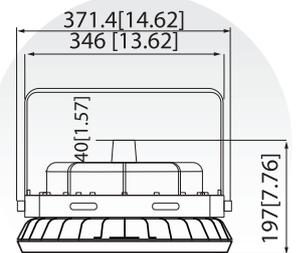
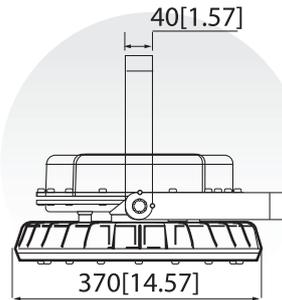
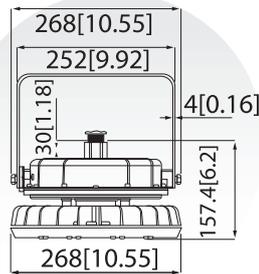
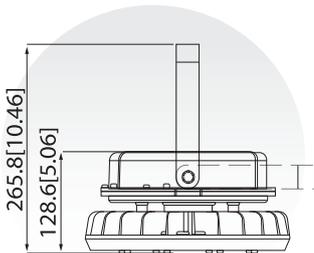
Dimension

Model B2

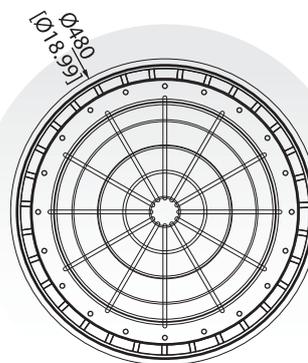
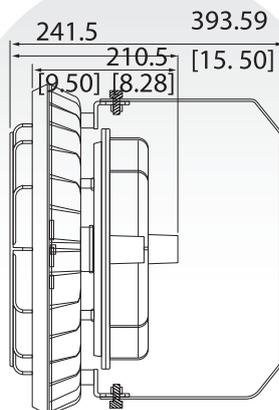


Model B

Model B3

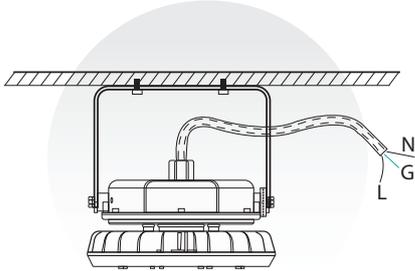


Model B4

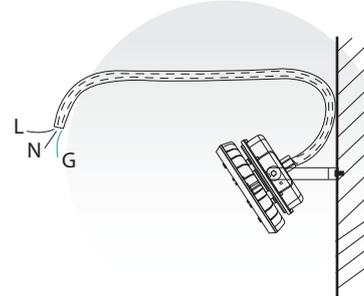


Mounting

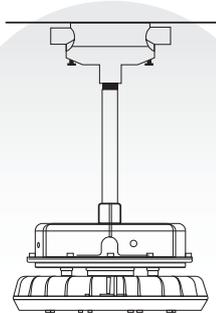
No.1: Ceiling Mounting



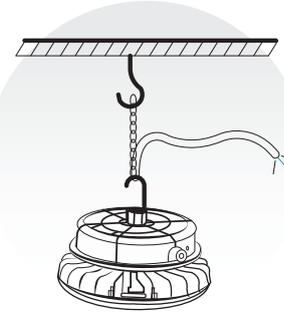
No.2: Wall Mounting



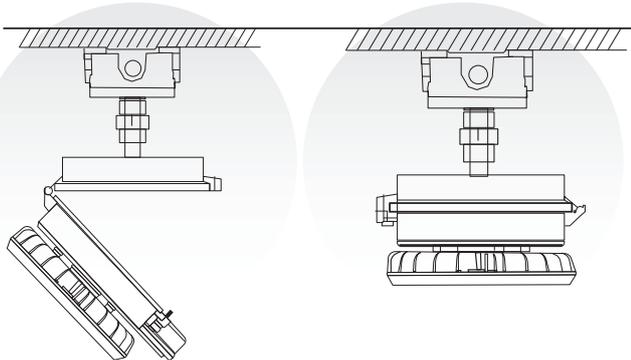
No.3: Pole Pendant



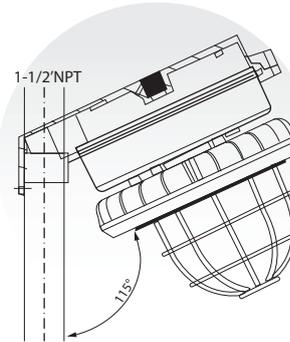
No.4: Hook Pendant



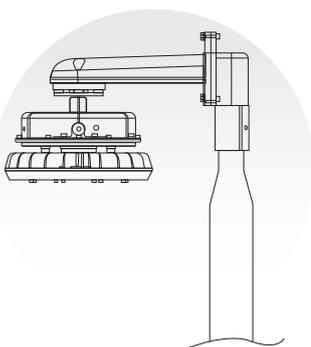
No.5: Ceiling Mounting by Opening Driver Box



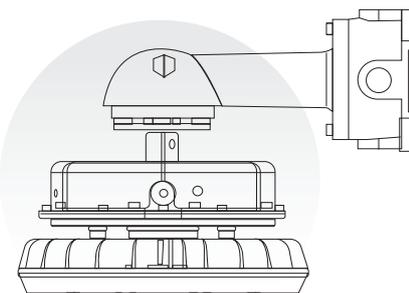
No.6: 25 Degree Stanchion Mounting



No. 7: Stanchion Mounting



No.8: Wall Mounting





Accessories



Model: Ex-Junction01
Name: Junction Box
Material: Aircraft Aluminum A383



Model: EX-Hook
Name: Installation Hook
Material: Aircraft Aluminum A383



Model: EX-WPipe
Name: Winding Swing Pipe
Material: Iron with Power Coating



Model: EX-SPipe
Name: Winding Swing Pipe
Material: Iron with Power Coating



Model: EX-MArm
Name: Surface Mounting Arm
Material: Aircraft Aluminum A383



Model: EX-25PSupport
Name: 25 Degree Pole Support
Material: Aircraft Aluminum A383



Model: Ex-90JSupport
Name: 90° Arm to Junction box
Material: Aircraft Aluminum A383



Model: Ex-25JSupport
Name: 25° Arm to Junction box
Material: Aircraft Aluminum A383



Model: Ex-ShadeB/B2/B3
Name: Lamp Shade
Material: Aluminum A6061



Model: Ex-CshadeB/B2/B3
Name: Cut off lamp shade
Material: Aluminum A6061



Model: Ex-Conduit01
Name: Metal Conduit
Material: Stainless Steel and Aluminum



Model: Ex-D01
Name: Pendant Direction Adapter
Material: Aircraft Aluminum A383



Model: EX-90PSupport
Name: 90 Degree Pole Support
Material: Aircraft Aluminum A383



Model: Ex-DArm
Name: Direct Mounting Arm
Material: Aircraft Aluminum A383



Model: Ex-Chain
Name: Pendant Chain
Material: Stainless Steel S30400



ALROUF EX PROOF FLOOD LIGHT A SERIES



Applications

Oil and Gas Industry

- All petroleum production and refining
- Petroleum loading and transportation
- Petroleum storage and retail
- LNG industry
- All mining operations and service

Chemical Industry

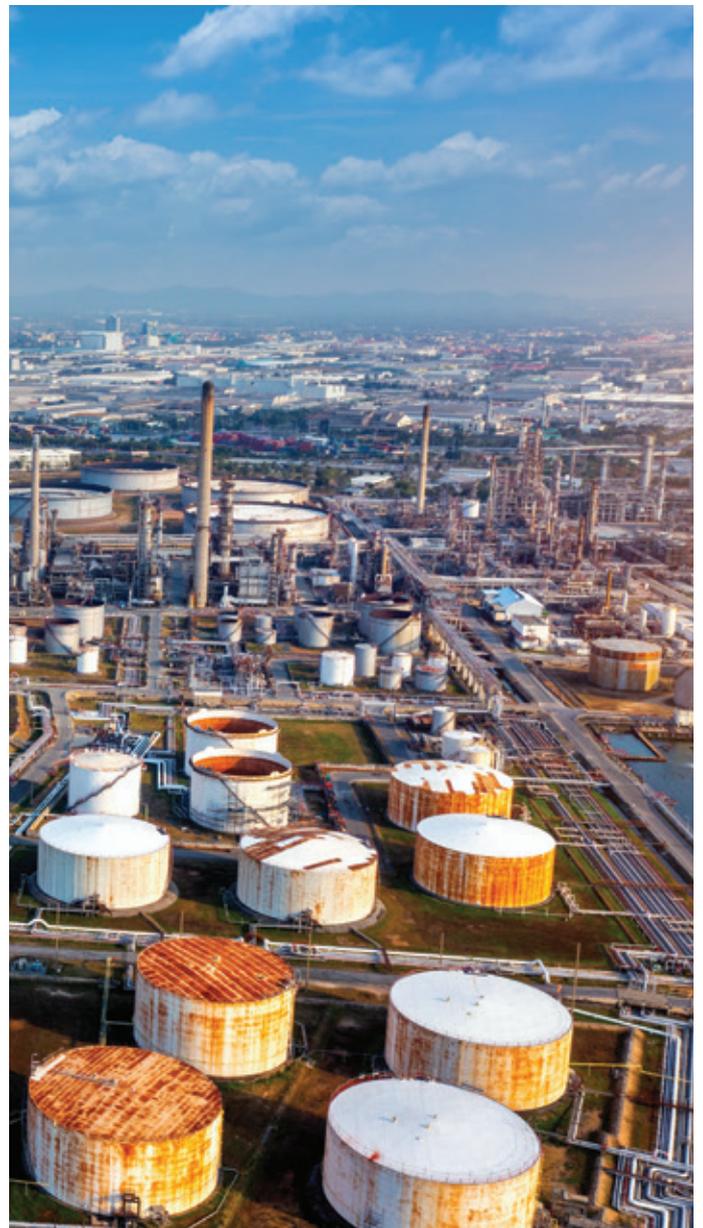
- All types of paint facilities
- Chemical production and storage Ocean, marine and aerospace field
- Ocean platform operation facilities and structure
- Aerospace clean room and production
- Ocean vessel operations

Metal Treatment

- Steel and aluminum factories
- Pumping stations in any environment
- Metal smelting, foundry and fabrication

Food and Alcohol Industry

- Flour and fine particle production and storage
- Food and distilling production
- Alcohol industry



Other high humidity, high dust, high temperature, vapor locations

Explosion Protection

Marking ATEX

- II 3 G Ex ec IIC T3 Gc
- II 2 D Ex tb IIIC T103°C Db IP66
- II 2 G Ex mb eb IIC T5/T6 Gb
- II 2 D Ex tb IIIC T100°C /T80°C Db IP66

Marking IECEx

- Ex ec IIC T3 Gc
- Ex tb IIIC T100°C Db IP66
- Ex mb eb IIC T5/T6 Gb
- Ex tb IIIC T100°C /T80°C Db IP66

Marking UL844 (North American)

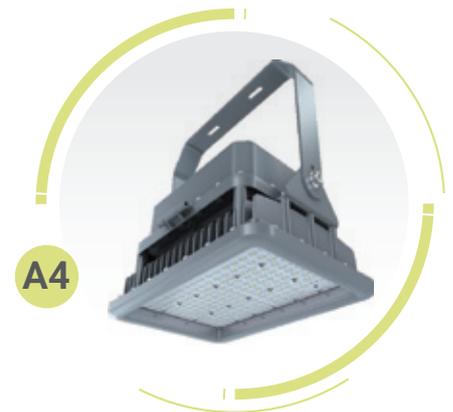
- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

Marine Marking

- UL 1598A
- ABS
- Other Rating IP 66

Materials

- Housing: Aluminum
- Lens: Tempered glass
- Hardware: Stainless Steel
- Mounting Bracket: Stainless Steel



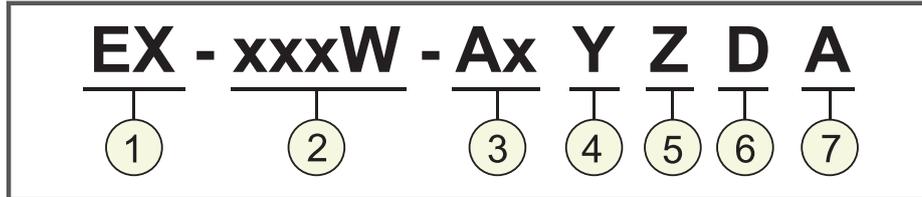
Certification



Packing Information

Model	Quantity/ Carton	Length(cm)	Width(cm)	Height(cm)	Net Weight(kg)	Gross Weight(kg)
A	1	37.5	34	21.5	6.95	7.9
A2	1	36.5	27	30.5	4.15	5.3
A3	1	48.5	34	36.5	8.3	10.3
A4	1	47	35	40	15.1	17

Ordering Information



1 PRODUCT CATEGORY
◆ Explosion proof light

2 WATTAGE
◆ From 2200K to 7000K

3 PRODUCT SERIES
◆ A A2 A3 A4

4 DIMMING OPTION
◆ D= dimmable
◆ N= Non-dimmable

5 CCT
◆ From 2200K to 7000K
◆ 22=2200K, 30=3000K, ..., 70=7000K

6 BEAM ANGLE
◆ D40= 40°
◆ D60= 60°

7 GLASS TYPE
◆ A=blank: Flat glass
◆ A=C: Spherical glass

Specification

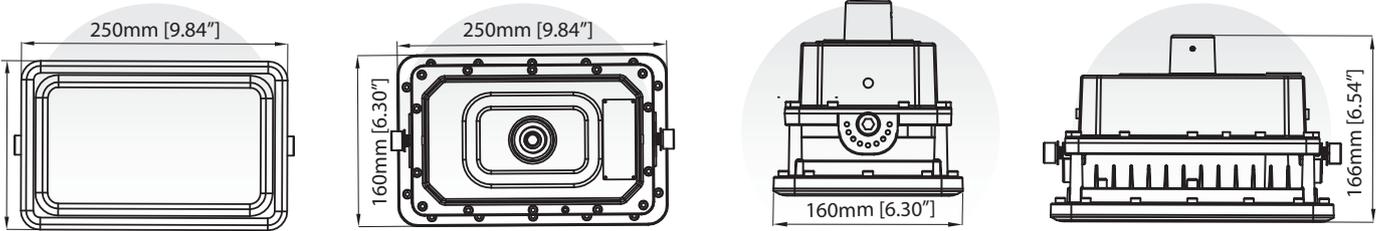
Product Number	Wattage	Color Temperature	Voltage	Lumens	Warranty	CRI
EX-20W A2YZDA	20	2200K-7000K	AC100-277V or AC200-250V or AC200-480V	2800	5 years	>70 or >80
EX-40W A2YZDA	40			5600		
EX-60W A2YZDA	60			8400		
EX-70W AYZDA	70		AC100-277V or AC200-250V or AC200-480V	9800		
EX-80W AYZDA	80			11200		
EX-100W AYZDA	100			14000		
EX-120W A3YZDA	120		AC100-277V or AC200-250V or AC200-480V	16800		
EX-160W A3YZDA	160			22400		
EX-180W A3YZDA	180			25200		
EX-200W A3YZDA	200			28000		
EX-150W A4YZDA	150			21000		
EX-180W A4YZDA	180			25200		
EX-200W A4YZDA	200			28000		
EX-250W A4YZDA	250			35000		
EX-300W A4YZDA	300			42000		
EX-400W A4YZDA	400			56000		

Dimension

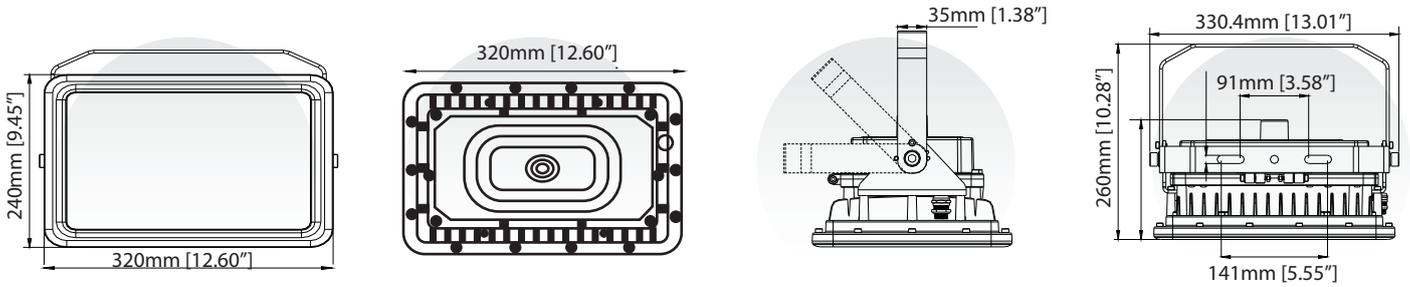
These structure type with bracket, flat glass and optics lens generates 40°, 60°, 90° and 120° light distribution.

A2 Series

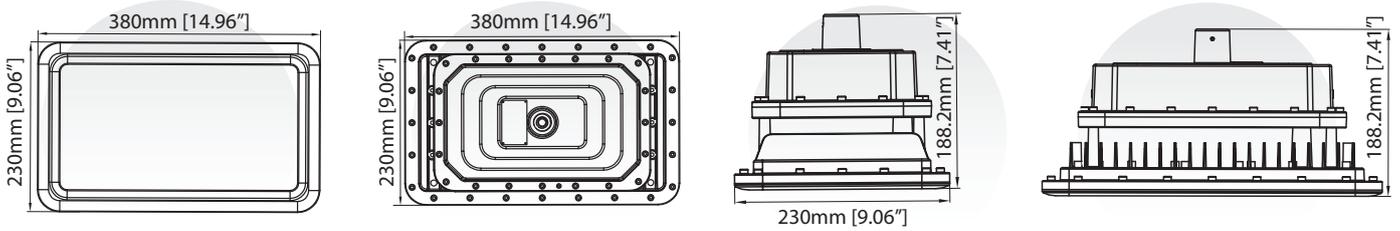
Unit: mm or inch



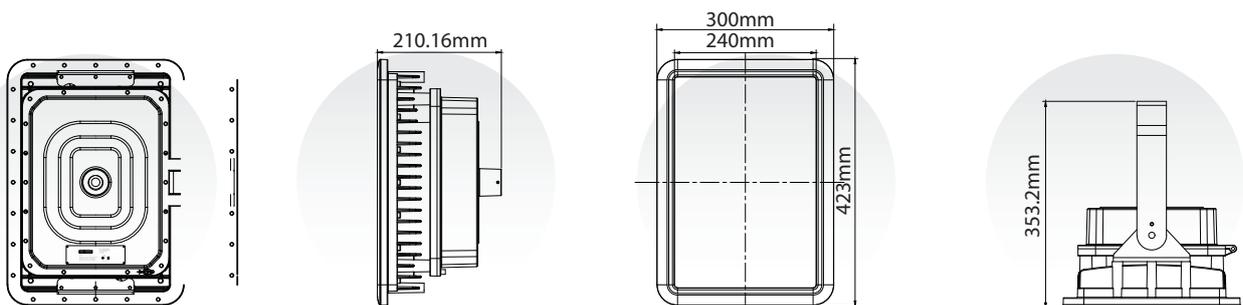
A Series



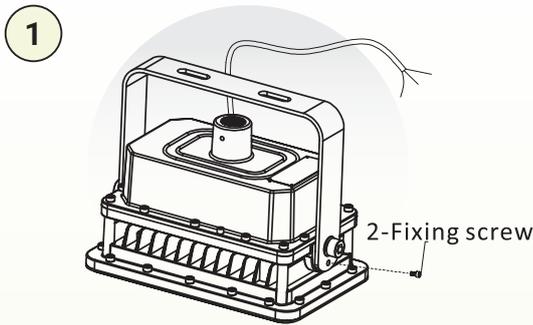
A3 Series



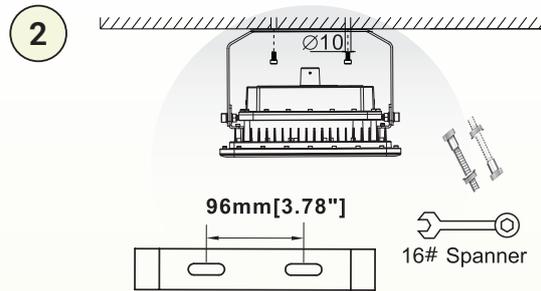
A4 Series



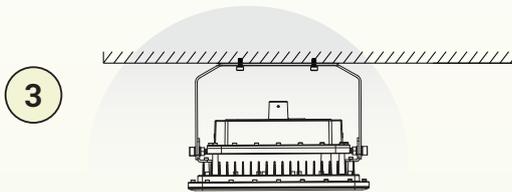
Ceiling Mounting



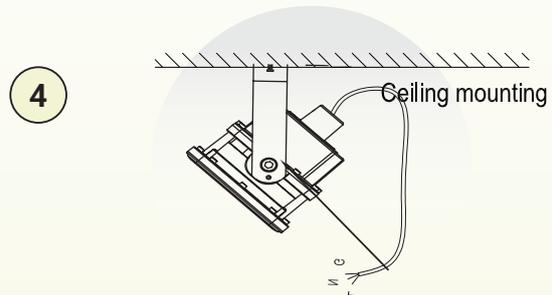
2. Install and tighten flexible metal conduit with the fixture



3. Drill 2x hole as shown in Fig.2, the distance can be 91~140mm, fixing $\varnothing 10$ expanded crews and bracket on ceiling.

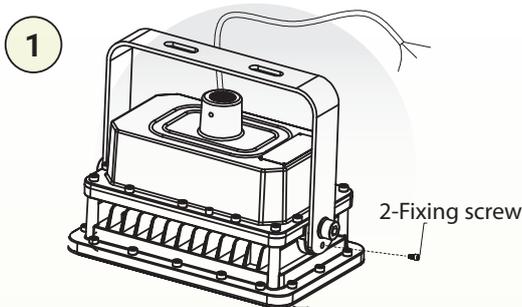


4. Connect black cable to L, connect white cable to N, connect green cable to grounding.

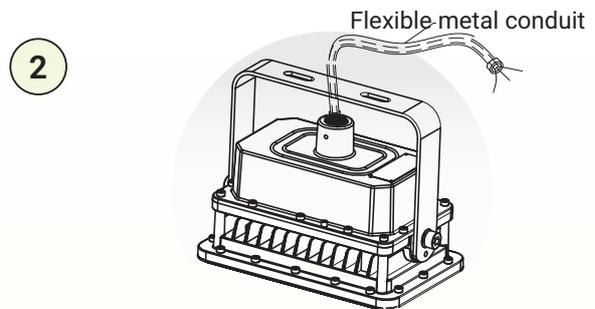


5. Adjust the beam angle from 0-180°

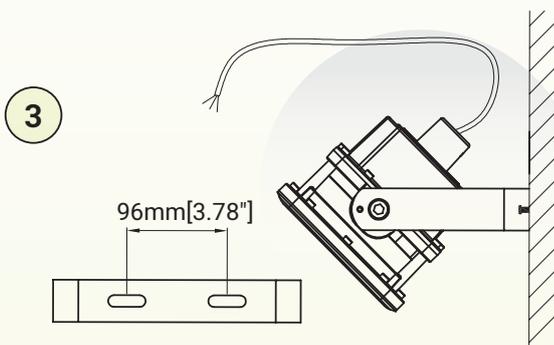
Wall Mounting



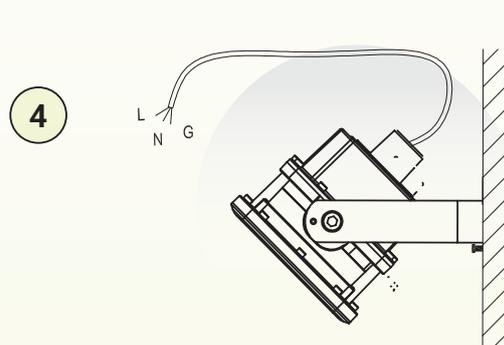
1. Take the fixture and accessory out from carton box, tighten 2x angle holder screw as Fig.1.



2. Install and tighten flexible metal conduit with the fixture.

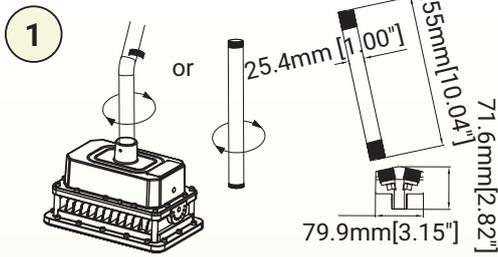


3. Drill 2x hole as Shown in Fig.2, the distance can be 91~140mm, fixing $\varnothing 10$ expansion screws and bracket on ceiling.



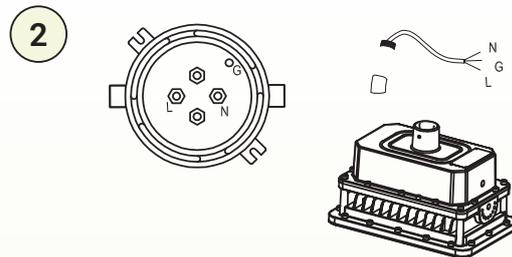
4. Connect black cable to L, Connect White cable to N, Connect green cable to grounding.

Pole Mounting

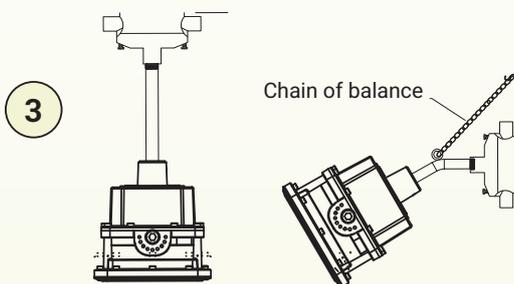


Optional: adjustable pole connector

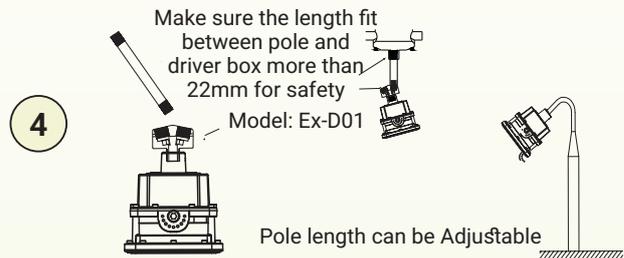
1. Take the fixture and pole accessory out from carton box, tighten pole as shown in Fig.1.



2. Connect black cable to L, Connect White cable to N, Connect green cable to grounding.



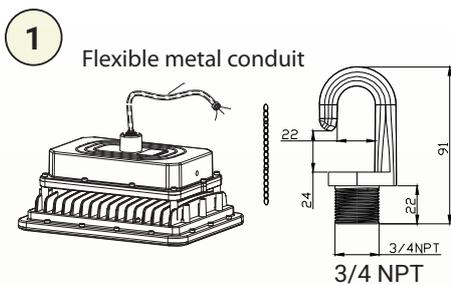
3. Drill 4x Ø10mm holes, as 100mm distance, install the junction box to the wall or ceiling as shown in Fig.3, tighten the pole to the box, and adjust the chain of balance.



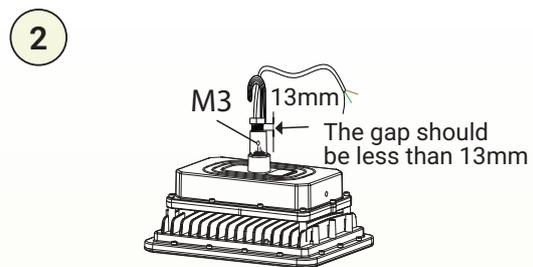
4. Adjustable pole installation. With this adjustable kit, you can Make any light distribution direct as you want.

Optional: Install the fixture to the long pole after cable connecting cable.

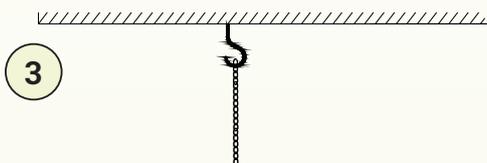
Hook Pendant



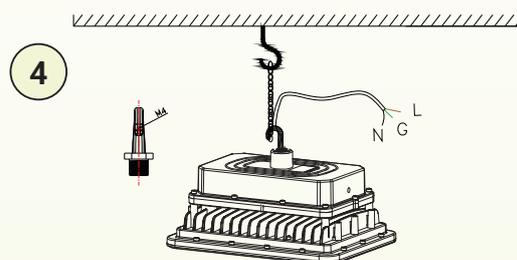
1. Take the fixture and accessory out from carton box tighten 2x angle holder screw as shown in Fig.1.,



2. Tighten the hook with the fixture, at least 6x teeth need to be tighten, fix the M3 screw to prevent the hook loosening .



3. Drill 1 expansion screw hole and install it, and hang the chain as shown in Fig.3.

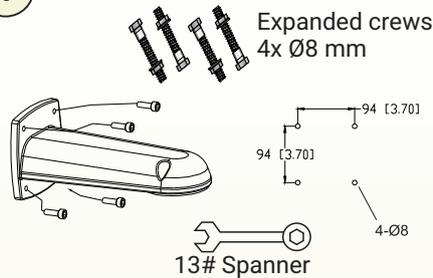


4. Hang the fixture to the hook as above, connect black cable to L, connect White cable to N, connect green cable to grounding.

Arm Mounting

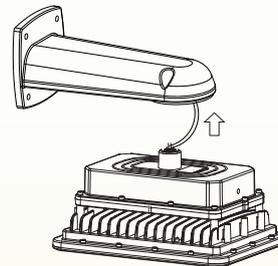
This installation method is only for Model A2 and Model A. It can not be applied on model A3 because model A3 too heavy. Only one electrician is required for this installation.

1



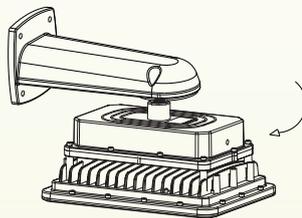
1. Drill 4x holes as above distance, and fix the arm on the wall, tighten 4x screws as shown in Fig.1.

2



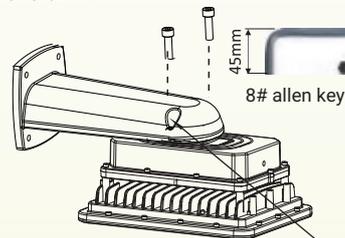
2. Contact the power AC wire with lamp, put the terminal into the arm.

3



3. Match the circle part with arm, and rotate it to right

4

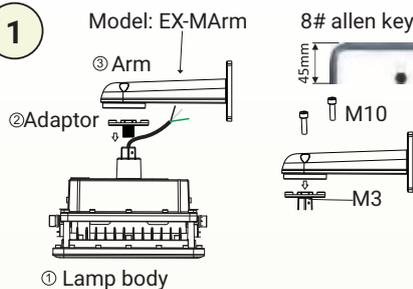


4. Tighten 2x screws to avoid the lamp loosed.
make sure the screw be fixed well for safety

Stanchion Mounting

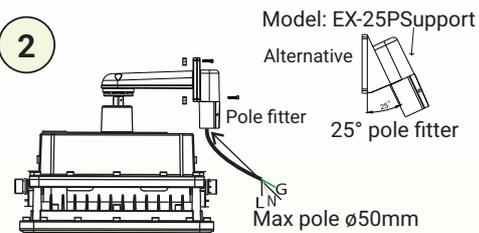
This installation method is only for Model A2 and Model A. It can not be applied on model A3 because model A3 too heavy. Only one electrician is required for this installation.

1



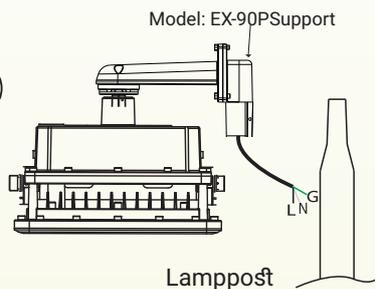
1. Tighten part 2 and assembly 1, and fix the M3 screw, install , arm to the adaptor, tighten the M10 via 8# allen key.

2



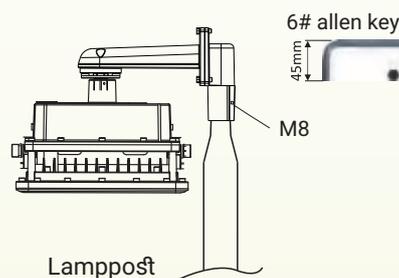
2. Install the pole fitter with arm via 4x M8 screws, the max suitable pole diameter 50mm, the alternative 25 degrees pole fitter.

3



3. Contact the cable to AC wire, connect black cable to L, connect White cable to N, Connect green cable to grounding.

4



4. Slip the fitter to the lamppost and tighten M8 inner hexagonal screw.

Arm Mounting

This installation method is only for Model A2 and Model A. It can not be applied on model A3 because model A3 too heavy. Only one electrician is required for this installation.

- 1**

Expanded crews
4x Ø8 mm

94 [3.70]

94 [3.70]

4-Ø8

13# Spanner

1. Drill 4x holes as above distance, and fix the arm on the wall, tighten 4x screws as shown in Fig.1.
- 2**

2. Contact the power AC wire with lamp, put the terminal into the arm.
- 3**

3. Match the circle part with arm, and rotate it to right
- 4**

45mm

8# allen key

make sure the screw be fixed well for safety

4. Tighten 2x screws to avoid the lamp loosed.

Stanchion Mounting

This installation method is only for Model A2 and Model A. It can not be applied on model A3 because model A3 too heavy. Only one electrician is required for this installation.

- 1**

Model: EX-MArm

8# allen key

45mm

M10

M3

③ Arm

② Adaptor

① Lamp body

1. Tighten part 2 and assembly 1, and fix the M3 screw, install , arm to the adaptor, tighten the M10 via 8# allen key.
- 2**

Model: EX-25PSupport

Alternative

Pole fitter

25° pole fitter

Max pole ø50mm

2. Install the pole fitter with arm via 4x M8 screws, the max suitable pole diameter 50mm, the alternative 25 degrees pole fitter.
- 3**

Model: EX-90PSupport

Lamppost

L

N

G

3. Contact the cable to AC wire, connect black cable to L, connect White cable to N, Connect green cable to grounding.
- 4**

6# allen key

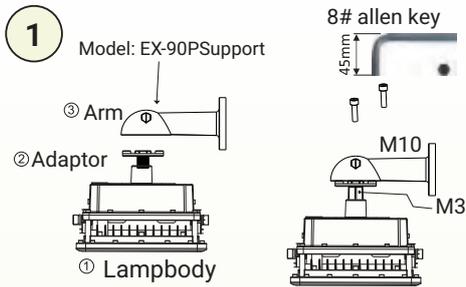
45mm

M8

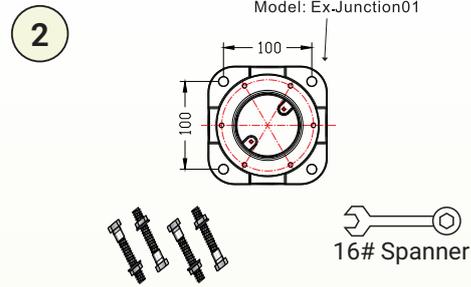
Lamppost

4. Slip the fitter to the lamppost and tighten M8 inner hexagonal screw.

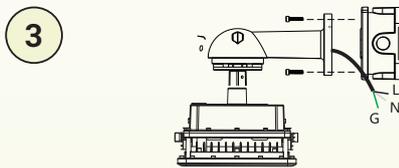
Wall Mounting to Junction box



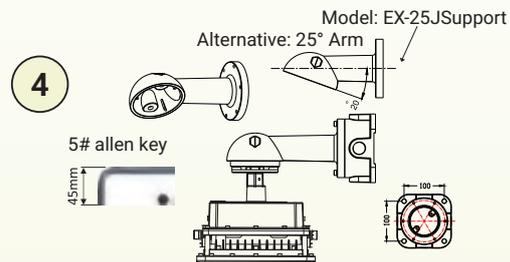
1. Tighten part 2 and assembly 1, and fix the M3 screw, install arm to the adaptor, tighten the M10 via 8# allen key.



2. Drill 4x Ø10mm holes Install the junction box to the wall via M10 expanded screw.



3. Contact the AC wire to power system, connect black cable to L, connect white cable to N, connect green cable to grounding.



4. Tighten 6 x screws between arm and junction box, turn

Features

- Working Temperature: -40°C ~ +55°C/+60°C.
- High quality SMT LED and Meanwell Driver.
- Light-weight design by Die casting aluminum.
- Heavy-duty and high impact resistance.
- Three connection cable entry points.
- Replaceable LED board and drivers.
- Integrated junction box for driver with emergency back up.
- Dimmable and battery back up function available.
- Marine rating powder coated appearance treatment.
- Up to 5 years limited warranty option.
- Emergency Battery back up to three hours.
- Various installation ways for different applications.
- Glass lens or Glass with polycarbonate lens to make bigger beam angle

Light Distribution

200W/40D

Center Beam fc	Beam Width
4ft 2008fc	4ft 4ft
8ft 480fc	7ft 7ft
12ft 203fc	11ft 11ft
16ft 115fc	15ft 16ft
20ft 98fc	19ft 23ft

■ Vert, Spread; 40°
■ Horiz, Spread; 40°

200W/60D

Center Beam fc	Beam Width
4ft 1434fc	6ft 5ft
8ft 343fc	11ft 11ft
12ft 145fc	17ft 14ft
16ft 81fc	22ft 23ft
20ft 69fc	27ft 31ft

■ Vert, Spread; 60°
■ Horiz, Spread; 60°

200W/90D

Center Beam fc	Beam Width
4ft 1024fc	8ft 8ft
8ft 255fc	15ft 16ft
12ft 105fc	24ft 26ft
16ft 58fc	32ft 33ft
20ft 39fc	39ft 45ft

■ Vert, Spread; 90°
■ Horiz, Spread; 90°

200W/120D

Center Beam fc	Beam Width
4ft 683fc	11ft 11ft
8ft 170fc	21ft 22ft
12ft 73fc	32ft 33ft
16ft 39fc	43ft 45ft
20ft 26fc	53ft 56ft

■ Vert, Spread; 120°
■ Horiz, Spread; 120°

Accessories



Model: Ex-Junction01
Name: Junction Box
Material: Aircraft Aluminum A383



Model: EX-Hook
Name: Installation Hook
Material: Aircraft Aluminum A383



Model: EX-WPipe
Name: Winding Swing Pipe
Material: Iron with Power Coating



Model: EX-SPipe
Name: Winding Swing Pipe
Material: Iron with Power Coating



Model: EX-MArm
Name: Surface Mounting Arm
Material: Aircraft Aluminum A383



Model: EX-25PSupport
Name: 25 Degree Pole Support
Material: Aircraft Aluminum A383



Model: Ex-90JSupport
Name: 90° Arm to Junction box
Material: Aircraft Aluminum A383



Model: Ex-25JSupport
Name: 25° Arm to Junction box
Material: Aircraft Aluminum A383



Model: Ex-Conduit01
Name: Metal Conduit
Material: Stainless Steel and



Model: EX-90PSupport
Name: 90 Degree Pole Support
Material: Aircraft Aluminum



Model: Ex-D01
Name: Pendant Direction Adapter
Material: Aircraft Aluminum



Model: Ex-DArm
Name: Direct Mounting Arm
Material: Aircraft Aluminum A383



ALROUF EX PROOF LINER LIGHT H-SERIES



Applications

Oil and Gas Industry

- All petroleum production and refining
- Petroleum loading and transportation
- Petroleum storage and retail
- LNG industry
- All mining operations and service

Chemical Industry

- All types of paint facilities
- Chemical production and storage
Ocean, marine and aerospace field
- Ocean platform operation facilities and structure
- Aerospace clean room and production
- Ocean vessel operations

Metal Treatment

- Steel and aluminum factories
- Pumping stations in any environment
- Metal smelting, foundry and fabrication

Food and Alcohol Industry

- Flour and fine particle production and storage
- Food and distilling production
- Alcohol industry



Other high humidity, high dust, high temperature, vapor locations

Explosion Protection

Marking Atex

II 3 G Ex ec IIC T6...T3 Gc

II 2 D Ex tb IIIC T80/T95/T130

Marking IECEX

Ex ec IIC T6...T3 Gc

Ex tb IIIC T80°C/ T95°C/ T130°C

Marking UL844(North American)

Class I, Division 2, Groups A, B, C, D

Class II, Division 1, Groups E, F, G

Class II, Division 2, Groups F, G

Class III

Marking Marine

UL 1598A ABS

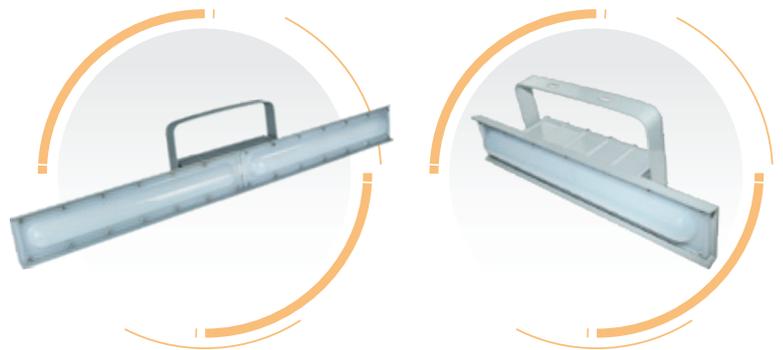
Other Rating IP 66

Light Distribution

120D

	Center Beam fc	Beam Width	
10ft	25fc	30ft	34ft
20ft	6fc	59ft	67ft
30ft	3fc	89ft	100ft
40ft	1fc	148ft	134ft
50ft	0.6fc	178ft	168ft

■ Vert, Spread; 120°
■ Horiz, Spread; 120°



Typical Model Specification

Product Number	Wattage	Color Temperature	Voltage	Lumens	Warranty	CRI
EX-20W H2YZDA	20	2200K-7000K	AC100-277V IC 100-277V AC 200-480V DC 12-48V	2800	5 years	>70 or >80
EX-40W H2YZDA	40			5600		
EX-40W H4YZDA	40			5600		
EX-60W H4YZDA	60			8400		
EX-80W H4YZDA	80			11200		

"H2, H4"=Product code "Y"=D or N: Dimmable or Non-dimmable "Z"=CCT, from 2200~7000K "D"=Beam angle, D120 for 120°. A for cover info. blank for flat cover, C spherical cover.

Packing Information

Model	Quantity/Carton	Length(cm)	Width(cm)	Height(cm)	Net weight(kg)	Gross weight(kg)
H2	2	69.1	41.3	29	4	9
H4	2	130	40	29.5	5.5	14.5

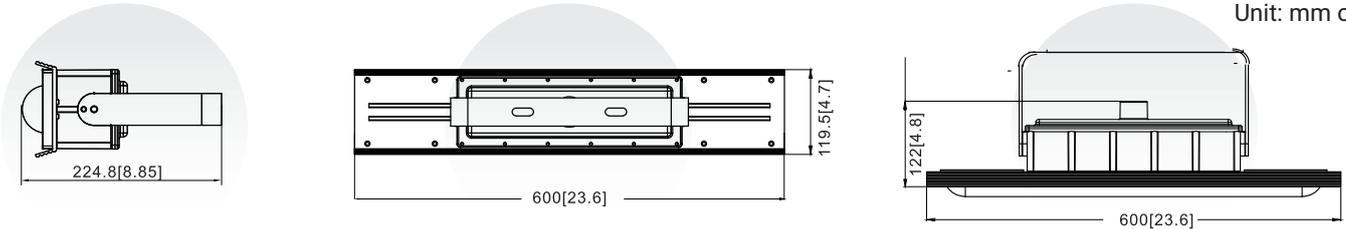
Certification



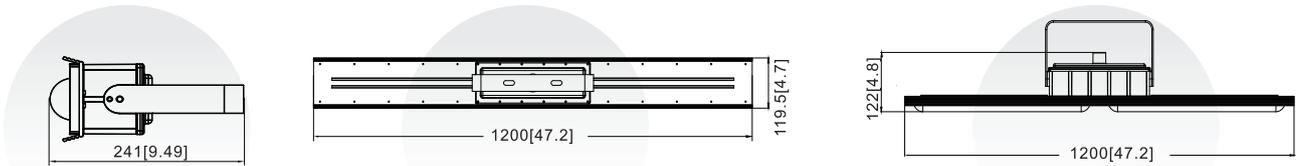
Dimension

H2 Series

Unit: mm or inch

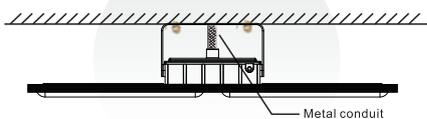


H4 Series

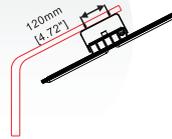


Mounting

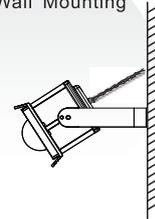
No.1 Ceiling Mounting



No.2 Pole Bracket Mounting



No.3 Wall Mounting



Features

- Working Temperature: -40°C ~ +60°C.
- High quality SMT LED and Meanwell Driver.
- Light-weight design by aircraft aluminum.
- Heavy-duty and high impact resistance.
- Three connection cable entry points.
- Replaceable LED board and drivers.
- Integrated junction box for driver with emergency back up.
- Dimmable and battery back up function available.
- Marine rating powder coated appearance treatment.
- Up to 5 years limited warranty option.
- Emergency Battery back up to three hours.
- Various installation ways for different applications.
- Glass lens or Glass with polycarbonate lens to make bigger beam angle

Accessories



Bracket



Metal Conduit



Bended Pipe



ALROUF LINER LIGHT TRI-PROOF

The T56 & T552 is a highly durable and robust Tri-Proof light designed for production areas, parking facilities and any other area of application where harsh conditions have to be countered. Its polycarbonate housing is cast from a single mold and therefore absolutely dust and waterproof. Removable end caps harbor the connection terminals and allow for a quick and easy installation. A massive internal aluminum core provides stability and assures good thermal conditions for up to 480 pcs of 0.5W SMD2835 chips as well as the internal isolated power driver. This modern and efficient Tri-Proof light is available in several wattages starting from 20W up to 110W.

Specification			
Model No.	T552-40W12	T552-50W12	T552-60W15
Dimensions(mm)(l,w,h)	1218x54x64		1518x54x64
Power	40W	50W	60W
Voltage	AC220-240V / 50-60Hz		
CCT	3000K; 4000K; 5000K; 6000K		
Luminous Efficiency	140 lm/w		
Luminous Flux	5000lm	7000lm	7000lm
CRI	Ra > 80		
Beam Angle	120°		
IP Grade Protection	IP65		

Multi-angle Display:



Model B

- ▶ Color Rendering Index (CRI) > 90Ra
- ▶ Linkable As A Continuous Line



Features

- Highly energy efficient - up to 130 lm/w
- High Luminous flux - up to 14.300 lm
- IP69K and IK10 protection grade
- Quick and easy installation
- No UV or IR and completely mercury free
- 5 Years warranty

Options

- 1-10V dimmable and DALI dimmable
- CRI 90 Ra available upon request
- Microwave motion sensor available

Area of application

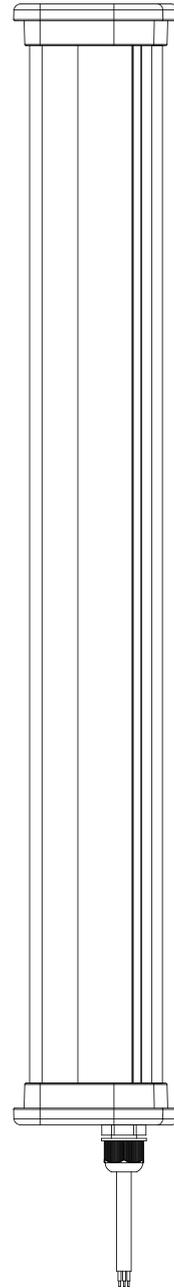
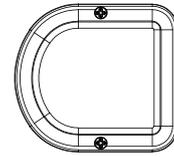
- Parking Facilities, corridors and hallways
- Warehouses and storage rooms
- Factories and production areas

Certificates

- European market: [ENEC](#), [TUV](#), [CE](#), [RoHS](#), [CB](#)
- North American market: [UL](#), [cUL](#), [DLC Premium](#)
- Australian market: [SAA](#), [RCM](#)

E-POWER T56 Tri-Proof Light (Single Use Version)

- 20W/30W/40W/60W/75W/80W/110W



Certification

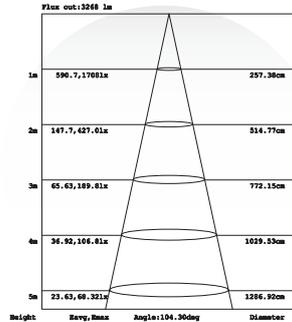
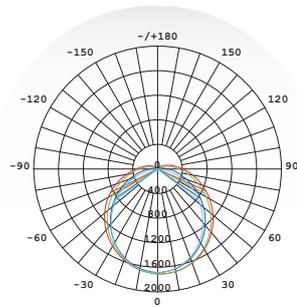


Basic Specifications Standard Lumen (125ml-135lm/W)

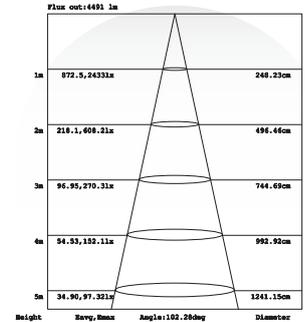
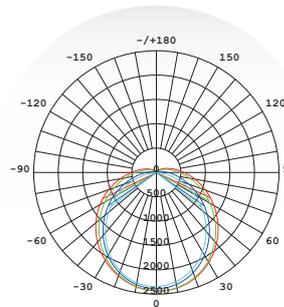
Model	Nominal Wattages (W)	Nominal Voltage	Rated luminous efficacy (lm/w)	Nominal luminous flux (lumen)	Beam Angle	LED Quantity	CRI
Alrouf LNR-20W	20W	AC100-277V 50~60Hz	135±5	2700±100	120°	120 PCS 0.5W 2835	>80Ra
Alrouf LNR-30W	30W		130±5	3900±150		120 PCS 0.5W 2835	
Alrouf LNR-40W	40W		135±5	5400±200		240 PCS 0.5W 2835	
Alrouf LNR-50W	60W		130±5	7800±300		240 PCS 0.5W 2835	
Alrouf LNR-60W	60W		135±5	8100±300		336 PCS 0.5W 2835	
Alrouf LNR-75W	75W		130±5	9700±400		336 PCS 0.5W 2835	
Alrouf LNR-80W	80W		135±5	10800±400		480 PCS 0.5W 2835	
Alrouf LNR-110W	110W		130±5	14300±500		480 PCS 0.5W 2835	

Light Distribution Curve and Average E (LX) Figure---5000K

40W12 CW



60W 15CW



Electrical datas

Photometrical data

Operating frequency	47-63Hz	Available light colors	Warm white; Natural white; daylight white
Type of current	AC100-277V	Available color temperatures	3000K; 4000K; 5000K; 6000K
Power factor λ	>0.9	Color rendering index Ra	>80
Efficiency in %	>92%	Standard deviation of color matching	<3
Start time (0.2s/ 0.5s/ ___)	0.1S	UGR (Unified Glare Rating)	<23
Warm-up time to 60% (1.5s/2s/___)	0.5S	Available beam angles	120°

Standards & Certification

Temperatures & operating conditions

Type of protection	IP69K	Operating temp	-20~+60°C
Tested dielectric strength	3.75KVac	Ambient temperature	-30~+50°C
Safely features	Open circuit protection; Short circuit protection; Over voltage protection	Storage temp	-40~+80°C
Certificates	ENEC, TUV, CE, ROHB, CB, UI, CUL, DLC Premium, SAA, RCM		
Energy efficiency class	A+		

Lifespan **Features/Capabilities and additional product data**

Rated nominal Lifetime	50.000 hours	Base/Socket	Directly wired
Switching cycles	100.000 times	Dimmable	1-10V dimmable, DALI dimmable
Lumen maintenance at e.o.l.	80 %		
LED Device Lifetime	L80 / B10		

Packing Information

Model	Dimension (MM)	CTN SIZE (CM)	QTY/CTN	Net Weight/pcs(kg)	Gross Weight/CTN(kg)
Alrouf T56-20W06/T56-30W06	560*72*78	72*35*22	6PCS	0.9	8.5
Alrouf T56-40W12/T56-60W12	1170*72*78	132*35*22	6PCS	2	15.5
Alrouf T56-60W15/T56-75W15	1470*72*78	162*35*22	6PCS	2.4	17.5
Alrouf T56-80W24/T56-110W24	2370*72*78	252*24*22	6PCS	3.8	19.5

Exploded drawing

Flexible rust and corrosion free mounting clamps for wall/ceiling or suspended installation

The polycarbonate housing is cast from a single mold (cover cannot be removed) and therefore absolutely dust and water proof

The massive internal aluminum core provides excellent heat dissipation and maximum stability

Aluminum PCB with a high thermal conductivity for up to 480 pcs of 0.5W SMD2835 LED chips

Water and dust proof end-caps with build-in industrial grade silicone seals, harboring the connection terminals

Internal high quality power driver containing real Rubycon capacitors, Toshiba ICs and other high grade components

Dimension (mm)

T56-20W06/T56-30W06
Dimensions: 71mm width, 78mm height, 495mm length, 560mm total length.

T56-40W12/T56-60W12
Dimensions: 71mm width, 78mm height, 1105mm length, 1170mm total length.

T56-60W15/T56-75W15
Dimensions: 71mm width, 78mm height, 1405mm length, 1470mm total length.

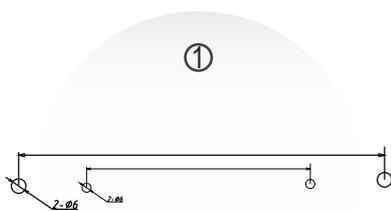
T56-80W24/T56-110W24
Dimensions: 71mm width, 78mm height, 2305mm length, 2370mm total length.

Accessories

- Carefully read and follow all warnings and instruction before installing or servicing the luminaire.
- The installation should be done by an individual familiar with the construction and operation of the luminaire.
- The installation of this luminaire must be in accordance with national and local building and electrical codes.
- The product must not be damaged or operated in a damaged condition.
- This luminaire must be directly wired on line. Any ballast or other power device perviously used with the replaced luminaire msut be removed.
- Between the luminaire and any possibly flammable material must be an appropriate safety space (at least 20cm).
- The luminaire must not be covered with heat insulating materias.
- Always provide proper ventilation around the luminaire and do not exceed the maximum ambient temperature.
- Compared to traditional lights the characteristic light distribution of the LED luminaire may differ. In order to be sure to meet your lighting require ments a photometric check of the installation is recommended.

Installation Instructions for single use

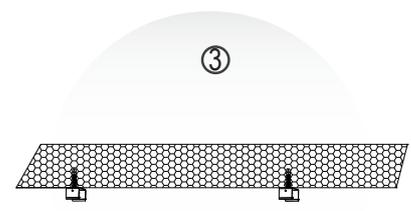
- Drill two holes in the ceiling/wall at the position you want the fixture to be installed
- Put in the dowels and screw on the mounting clamps
- Install the light by pushing it into the mounting clamps. Make sure the claps click in
- Secure the mounting connection by screwing in the safety screws into the mounting clamps
- Open the end cap and connect the power line to the terminal block
- Close the end cap and tighten the cable screw to secure the cable
- If you use the light in a continuous line, open up the other side and connect the connection line to the internal terminal block
- Close the end cap and tighten the cable screw to secure the cable



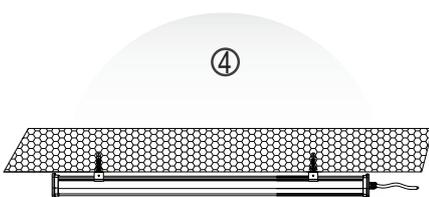
Drill holes in the ceiling/wall



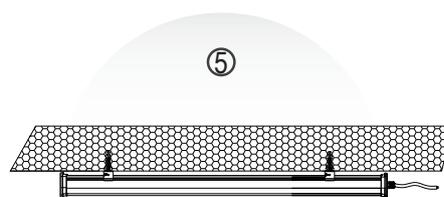
Put in dowels



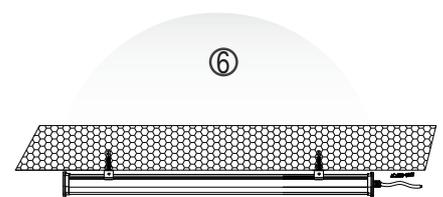
Screw on the mounting clamps



Install the fixture on the clamps



Use the safety screws to secure the connection



connect the power line

Maintenance

- To avoid injuries, disconnect power to the light and allow the unit to cool down before performing maintenance.
- Perform visual, mechanical and electrical inspections on a regular basis. We recommend routine checks to be made on an annual basis. Frequency basis of use and environment should determine this.
- The lens should be cleaned periodically as needed to ensure continued photometric performance. Clean the lens with a damp, non-abrasive, lint-free cloth. If not sufficient, use mild soap or a liquid cleaner. Do not use an abrasive, strong alkaline or acid cleaner as damage may occur.
- Inspect the topside on the luminaire to ensure that it is free of any obstructions or contamination (i.e. excessive dust build-up). Clean with a non-abrasive cloth if needed.



All statements, technical information and recommendations contained in the document are based on information and test we believe to be reliable. The accuracy or completeness there of is guaranteed. We reserve the right to revise or update this document without notice. Since the conditions of use are outside our control, the purchaser should determine the suitability of the product for its intended use and assumes all risk and liability whatsoever in connection therewith.



ALROUF WALL PACK LIGHT



Performance

 Philips Lumileds	 IP66
 40W / 60W / 90W / 120W / 150W	 IK08
 4500~5500K (2500~5500K Optional)	 95x90° / 115x100° / 90x80° / 90x85°
 ≥70	 Corrosive Resistant Polyester Powder
 L70>100,000 Hours	 Operating Temperature:-30°C to +45°C (-22°F to 113°F)
 100-277 VAC	 Storing Temperature:-40°C to +80°C (-40°F to 176°F)
 0.95 min	 15% to 95% RH



Classical Style with Excellent Lighting Performance

With a classic, glass lens design, Diamond is an easy, one-for-one, replacements for legacy wall pack fixtures for any place needing a security boost. It matches the appearance of most outdated HID or metal halide wall packs while covering the same footprint and hiding any unsightly marks and fading.

Diamond features a built-in dusk-to-dawn on/off photocell, which brings bright and crisp light turning night instantly into day with no glare or hot spot.



Product Features

- High system light efficacy 130 LPW.
- Semi or full cut-off luminaire, eliminating undesirable sky glow and glare with dark-sky-friendly performance.
- Glass lens never turn yellowish.
- Easy installation & maintenance cost reduction.
- IP66 and IK08 rated for durability.



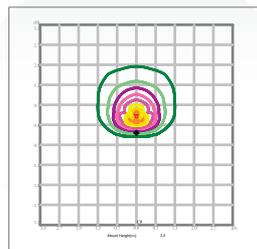
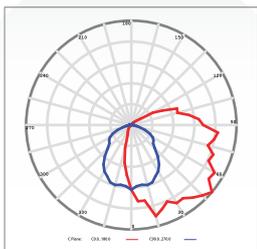
Typical model specification

Product Number	Wattage	Voltage	Lumens	Net weight(kg/lbs)	Dimensions
EL-WP-40	40W	130lm/W	5,200lm	3.45 kg/7.6lbs	360×235×195mm 14.2×9.3×7.7in
EL-WP-60	60W	130lm/W	7,800lm	7.35 kg/16.2lbs	
EL-WP-90	90W	130lm/W	11,700lm	7.35 kg/16.2lbs	
EL-WP-120	120W	130lm/W	15,600lm	7.6 kg/16.75lbs	464×231×235mm 18.2×9.1×9.2in
EL-WP-150	150W	130lm/W	19,500lm		

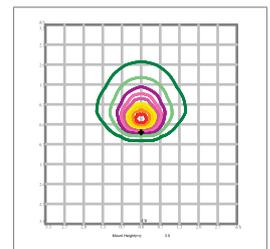
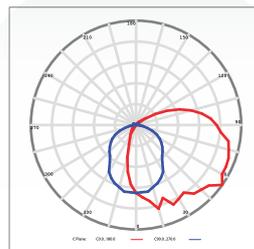
Photometrics

Semi cutoff - Without Additional Louver

95x90° Lens (40W/60W/90W)

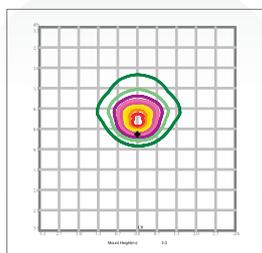
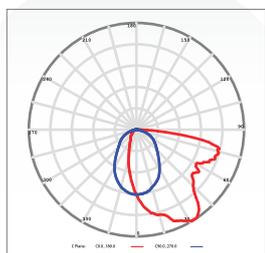


115x100° Lens (120W/150W)

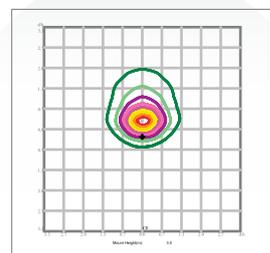
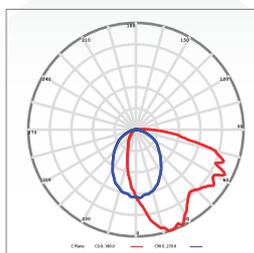


Cutoff - With Additional Louver

90x80° Lens (40W/60W/90W)



90x85° Lens (120W/150W)

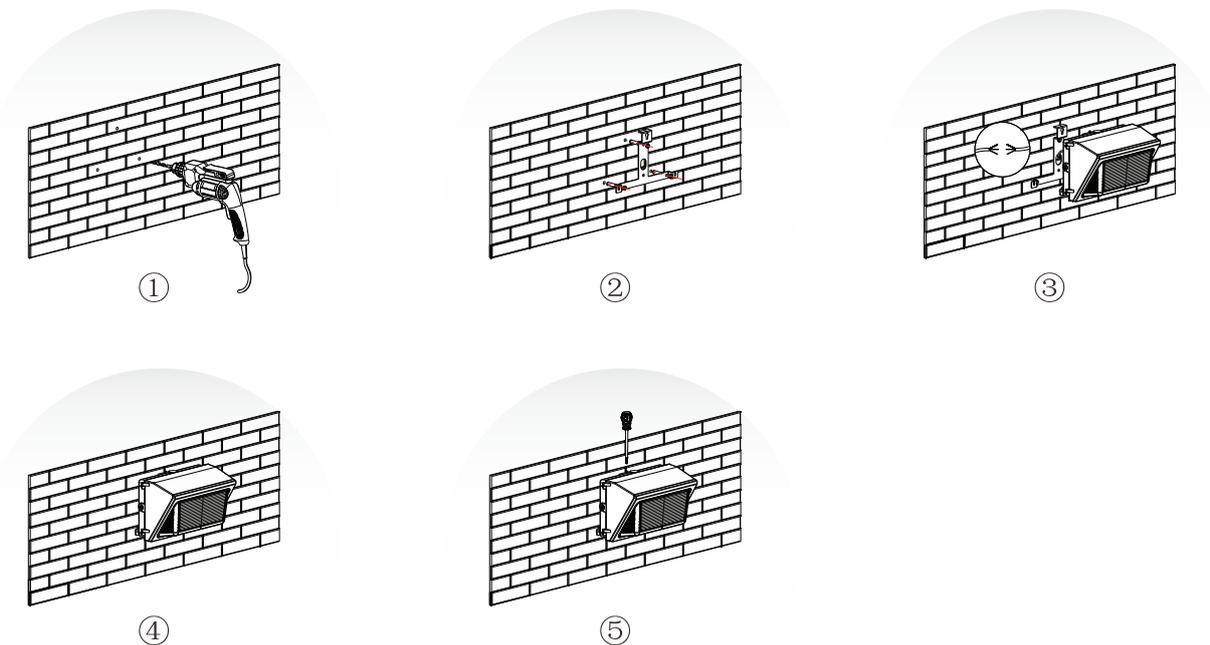


Mounting

For high performance and long term reliability, the light should be installed in free air.

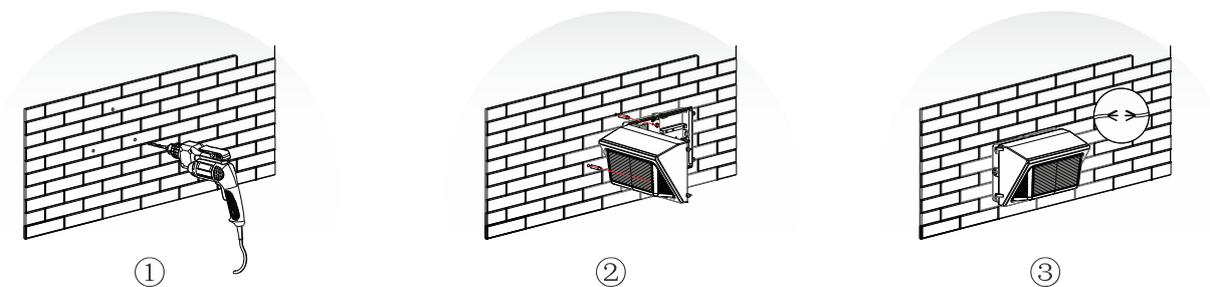
Wall Mounting

1. Drilling hole on the wall after determining the installation position, the spacing of hole 150mm.
2. Fix bracket on the wall.
3. Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)
4. Fix fixture on the bracket with bolt.
5. Tighten the screws and fix the lamp and bracket.



Drill Holes Mounting

1. Open the fixture and drill holes on required mounting points, holes MUST not exceed 19/64", warranty will be void if holes exceed 19/64" or are made in any other part of the Wall Pack.
2. Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)





ALROUF WELL GLASS LUMINARE



Performance

LEDS Philips Lumileds	IK IK10
36W	IES 120°(PC) / 120°(Tempered Glass)
CCT 3000K, 4000K, 5000K, 5700K, 6500K	Corrosive resistant polyester powder coat finish
CRI ≥70	Operating Temperature:-30°C to +55°C (-22°F to 131°F)
L70>100,000hours	Storing Temperature:-45°C to +80°C (-49°F to 176°F)
AC 100~277V	Sosen / Inventronics
PF 0.95 min	130lm/W
IP66	

Certification



RoHS CB



Reminiscence Meets Innovation

Victor is a robust general-purpose luminaire with a reminiscent design of industrial environments. It offers a durable and versatile solution for many applications, especially in exposed conditions with high levels of dust and moisture, such as bridges, paper mills, power plants, ports and rail yards, petrochemical facilities, water and waste water treatment plants, perimeters and secure areas.

Victor comes with the mains and emergency version from the backup battery, and sturdy glass or diffused polycarbonate lens options. Producing 4,680lm light output and suitable for a wide range of ambient temperatures from -45°C to +50°C. It is a perfect replacement of traditional incandescent and most tungsten halogen lights for both indoor and outdoor applications, and operates for up to 50,000 hours eliminating relamping in many applications.

Excellent Performance

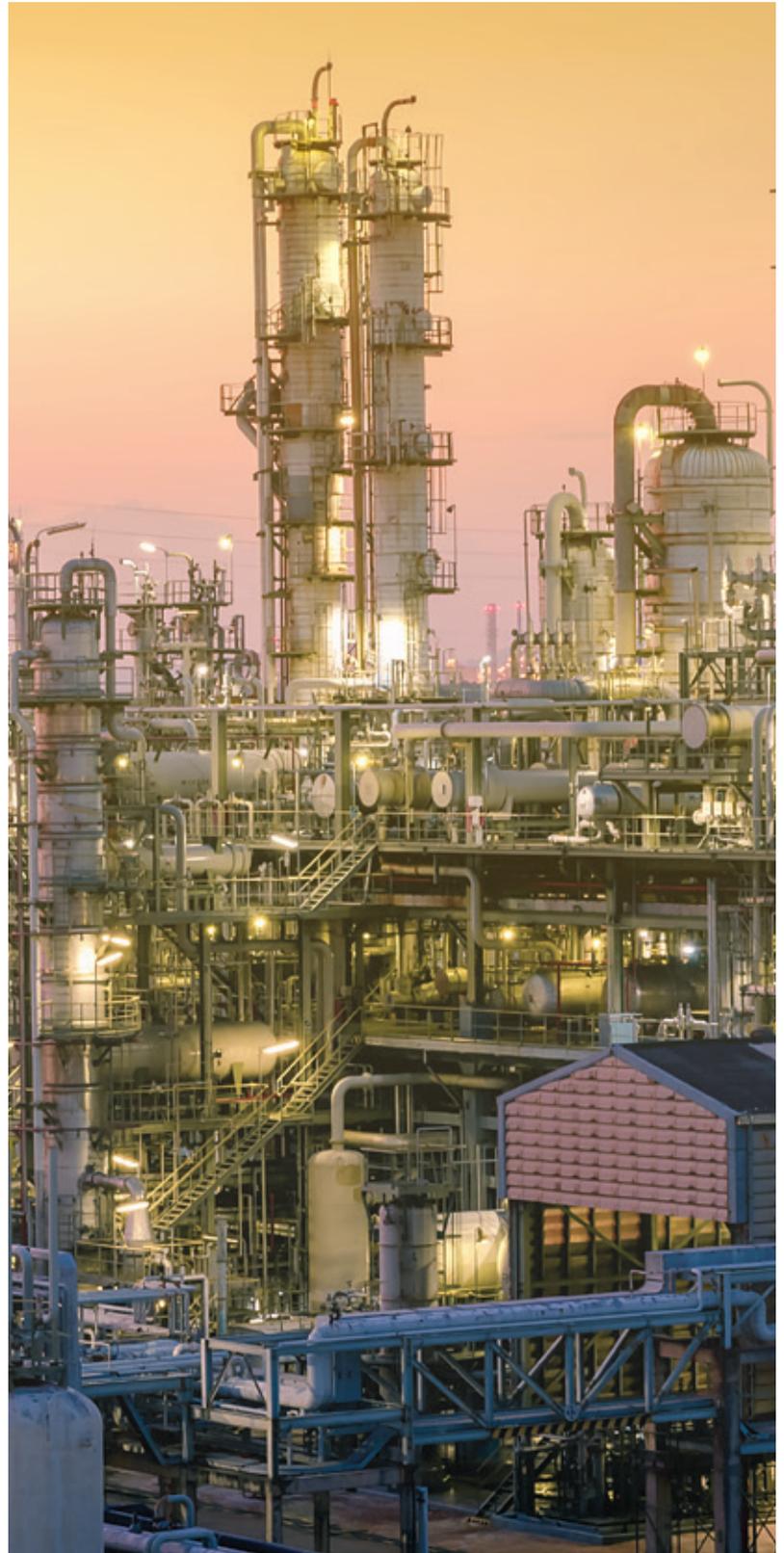
The waterproof Victor lights are durably constructed with fully-sealed, vibration-resistant housings.

It is a perfect replacement of traditional incandescent and most tungsten halogen lights for both indoor and outdoor applications, and operates for up to 50,000 hours eliminating relamping in many applications.

High Durability: Victor lighting has higher durability compared to its standard lighting counterpart. The fixtures are built with sturdier and heavier materials to withstand harsher working environments.

Greater Efficiency: Victor light is more energy efficient compared to traditional lighting fixtures. Running at 130Lm/m, it saves up to 70% energy than a legacy light.

More Eco-Friendly: Victor light does not contain toxic or harmful substances, such as mercury and lead, that are harmful to the environment.

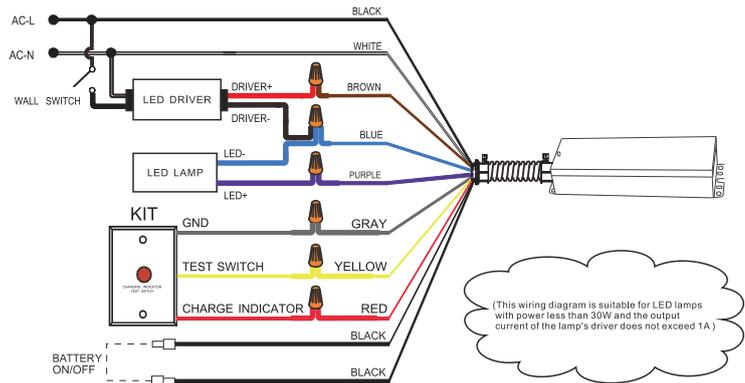
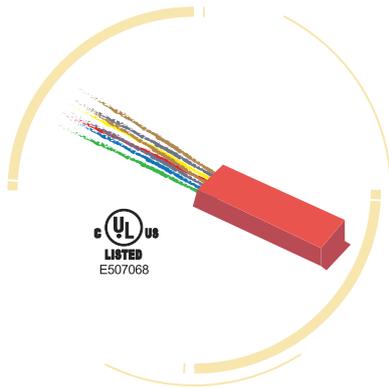


Emergency Power Pack (Optional)

Emergency power pack installed in the light fixture as an option to provide ≥ 90 mins emergency lighting, which is switched on automatically in case of external power cut off.

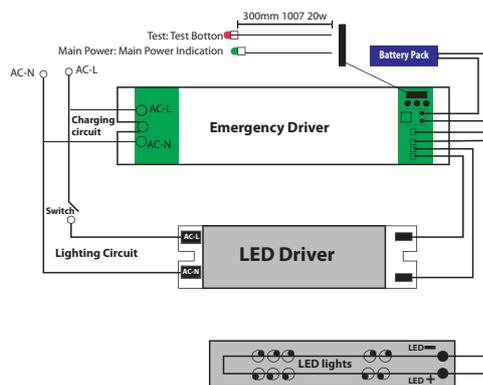
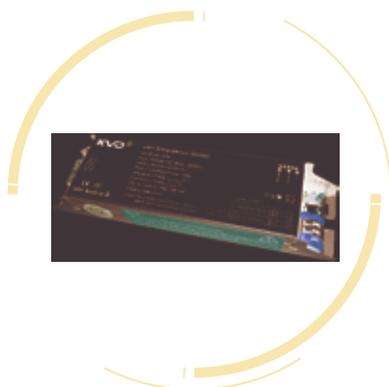
For North America Market

Rated Voltage	AC 100-277V	Emergency Time	≥ 90 MIN	Switch-over Time	≤ 1 S
Main Power Consumption	5W	IP Rating	IP65	Battery Specification	LHON/3.6V/2600mAH
Charging Time	≤ 24 H	Operating Temperature	0°C-55°C	Control	Individual Control



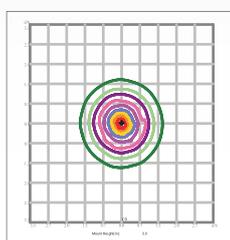
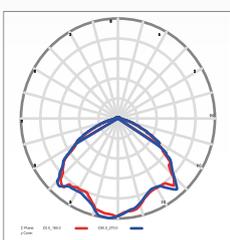
For EU & Other Market

Rated Voltage	AC 100-277V	Emergency Time	≥ 90 MIN	Switch-over Time	≤ 1 S
Main Power Consumption	≤ 15 W	IP Rating	IP65/IP30	Battery Specification	Ni-cd/12V/1500mAh
Charging Time	≤ 24 H	Operating Temperature	-10°C-55°C	Control	Individual Control

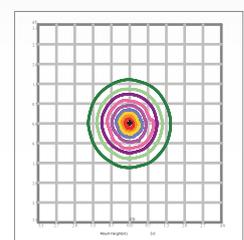
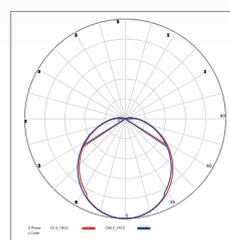


Photometrics

120 DEGREE (Tempered Glass Lens)



120 DEGREE(PC LENS)



Junction Box For Higher Safety And Convenience

Key Components

	Material:	ADC12		Brand:	WAGO	
	Sealing ring:	Silicone rubber		Model:	222-415	
	Screw:	SUS304		Material:	Flame retardant PC	
	Color:	Yellow I Grey		Color:	Silver Grey	
	IP rating:	IP66		Size:	20.5x17x14.5(mm)	
	Size:	125 x 80 x 57(mm)		Voltage:	400V	
	Weight:	0.ISKg	Current:	32A	Surge voltage:	4KV
	Model:	M25-2	Wire size:	1.0-2.5mm2	Wire length:	8.0-10mm
	Material:	PA66		Brand:	ViD	
	Sealing ring:	Silicone rubber		Model:	UC05	
	Thread size:	M25		Material:	Flame retardant PC	
	Wire size:	Round cable 3 x 2.5mm2		Color:	Clear	
Color:	Black	Size:		29.8x20.5x10.5(mm)		
IP rating:	IP67	Voltage:		450V		
	Material:	SUS304	Current:	32A		
	Thread size:	2-G3/4	Wire size:	0.2-4.0mm2		
	Color:	Silver	Wire length:	11mm		
	IP rating:	IP67				
	Size:	30 x 30 x 40(mm)				
	Weight:	0.06Kg				

Specifications

Model	Power	Efficacy(IES)	Total Lumen	N.W	Product Dimensions
EO-VIC-36	36W	130lm/w	4,680lm	4.0kg/8.8lbs	405x227x227mm (15.9x8.9x8.9in)
EO-VIC-36 PC	36W	130lm/w	4,680lm	3.85kg/8.5lbs	365x227x227mm (14.4x8.9x8.9in)

Installation

For high performance and long term reliability, the light should be installed in free air.

Hanging Ring Mount

- 1.Tighten the NUT attached to the hanging ring to ensure the hanging ring is securely connected to the light fixture.
- 2.Hang the ring to the field supplied by the mounting hook or chain.
- 3.Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)

Universal Bracket

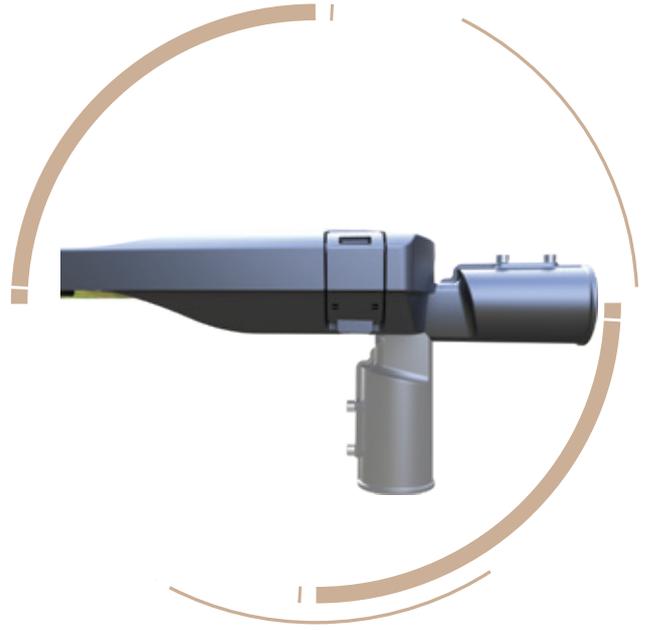
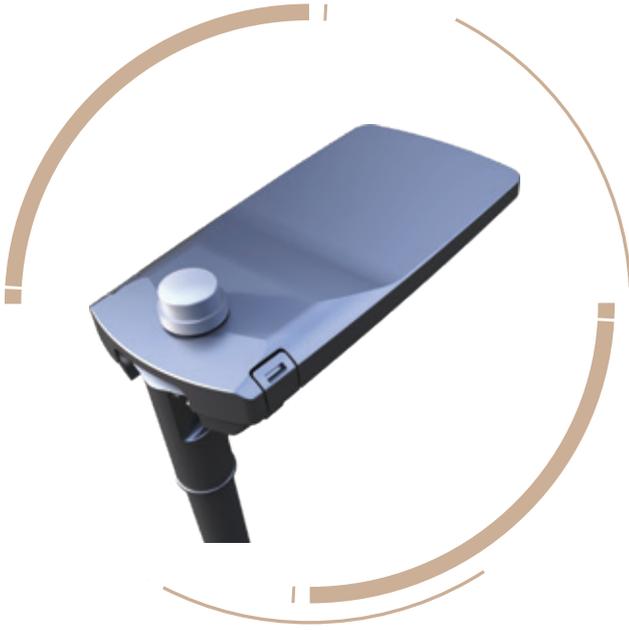
- 1.Rotate the bracket to the desired angle and tighten screw to lock it.
- 2.Bolt the universal mounting bracket to the field mounting point. Bolt the center point before the two side points. Tighten the bolts to wrench tight.
- 3.Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)





ALROUF STREET LIGHT

FREE DIE CAST



Performance

LEDs Philips Lumileds	IP66
10W~200W	IK08
CCT 4500~5500K (2500~6500K Optional)	IES 80x150° / 85x155° / 90x150° / 100x150°
CRI ≥70	Operating Temperature:-45°C to +45°C (-49°F to 113°F)
L70>100,000hours	Storing Temperature:-45°C to +80°C (-49°F to 176°F)
AC 100~277V	132lm/W~145lm/W
PF 0.95 min	3G Vibration
	Inventronics / Sosen

Certification



CE RoHS CB



Time to Change

Icon is a perfect lighting solution for municipalities looking for a fast return on investment. As a true point-to-point replacement solution for conventional light sources, the compact luminaire, with elegant finless design, is eco-friendly and easy to install with its tool-free access to gear tray and tool-free replacement of the component in the gear compartment.

Icon is available with a number of different optics and lumen packages that can even be tuned further to fit exact project requirements. Its universal spigot is adapted to both posttop and side-entry mounting.

With future-ready socket and could be paired with any control system, Icon could achieve up to 75% of energy savings compared to conventional lamp systems.



Product Features

- System Light efficacy 140 LPW.
- Rugged one-piece die cast housing with corrosive resistant polyester powder coat finish body.
- Multiple choices of optical lenses for true type and type street lighting pattern.
- Tool free access for easy installation, direct slide-in mount.
- IP66 water and dust proof.
- 3G Vibration & IK08 impact resistance.
- 5-10 Years Warranty.

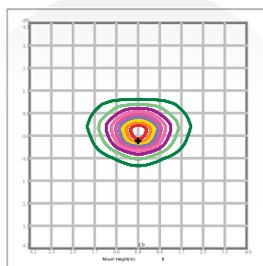
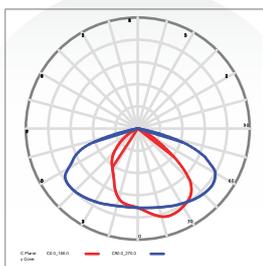


Typical model specification

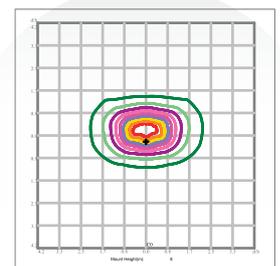
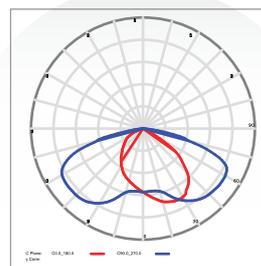
Part #	Power	LEDs Qty	Lens Qty	Out Current (Each Chis)	Efficacy (IES)	Total Lumens	N.W	Product Dimension
ALROUF-STL	10W	24	2	63mA	145lm/w	1450lm	4.0kg/8.8lbs	577x233x103mm 22.7x9.2x4.1in
	20W	32	2	95mA	140lm/w	2800lm		
	30W	48	4	95mA	140lm/w	4200lm		
	40W	60	4	102mA	140lm/w	5600lm		
	50W	60	4	125mA	135lm/w	6750lm		
ALROUF-STL	60W	72	6	125mA	137lm/w	8220lm	4.0kg/8.8lbs	627x272x103mm 24.7x10.7x4.1in
	70W	96	6	112mA	143lm/w	10010lm		
	80W	96	6	126mA	140lm/w	11200lm	5.0kg11.0lbs	
	90W	96	6	145mA	137lm/w	12330lm		
	100W	96	6	155mA	135lm/w	13500lm		
ALROUF-STL	110W	112	7	152mA	132lm/w	14520lm	5.0kg11.0lbs	627x272x103mm 24.7x10.7x4.1in
	120W	144	9	130mA	142lm/w	17040lm		
	130W	144	9	140mA	139lm/w	18070lm		
	140W	144	9	150mA	137lm/w	19180lm		
	150W	144	9	155mA	135lm/w	20250lm		
ALROUF-STL	160W	192	12	130mA	137lm/w	21920lm	6.0kg13.2lbs	767x300x103mm 30.2x11.8x4.1in
	170W	240	16	112mA	140lm/w	23800lm	6.5kg14.3lbs	
	180W	240	16	120mA	138lm/w	24840lm		
	200W	240	16	130mA	135lm/w	27000lm		

Photometrics

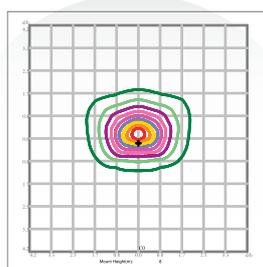
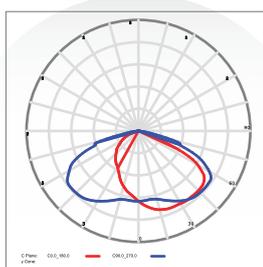
80x150(Type II -S)



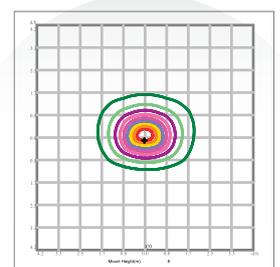
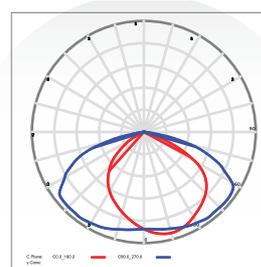
85x155(Type II -S)



90x150(Type III -S)



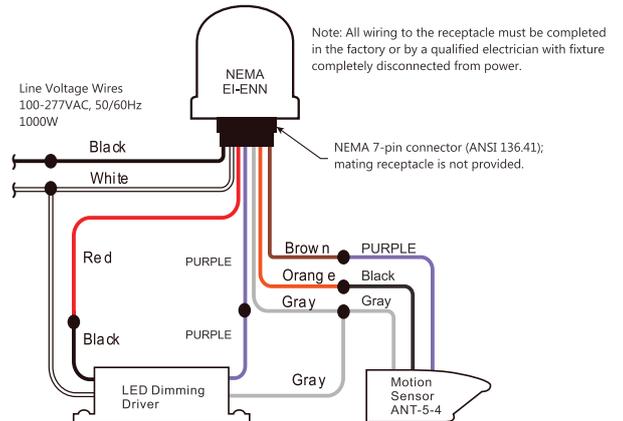
100x150(Type III -S)



Electrics

Future Ready NEMA/Zhaga Connection

Ready NEMA or Zhaga socket to enable further control of streetlight from simple photocell to smart city controller node.



Tool-free Access

In order to avoiding the inconvenience and safety hazards of multi-tool operation, Icon series street light is designed with tool free access to facilitate high-altitude installation and maintenance by maintenance personnel.



Installation

For high performance and long term reliability, the light should be installed in free air.

Slip Fitter Mount

- 1. Unlock the screws, adjust the angle of slip fitter.
- 2. Feed the power cord through the pole and make wiring.
- 3. Slide the fixture onto the pole, lock the screws.



ALROUF EX PROOF LINER LIGHT

Explosion Protection

Marking ATEX

II 2 G Ex db eb mb IIC T5/T6 Gb

II 2 D Ex tb IIIC T95°C/T80°C Db IP66

Marking IECEx

Ex db eb mb IIC T5/T6 Gb

Ex tb IIIC T95°C/T80°C Db

Marking UL844 (North American)

Class I, Division 2, Groups A, B, C, D

Class II, Division 1, Groups E, F, G

Class II, Division 2, Groups F, G

Class III

Marine Marking

UL 1598, UL 844

Other Rating

IP 66

Light Distribution

120D

	Center Beam fc	Beam Width	
17ft	14fc	51ft	51ft
34ft	3fc	103ft	101ft
51ft	2fc	154ft	153ft
68ft	0.8fc	256ft	255ft
85ft	0.6fc	307ft	306ft

■ Vert, Spread; 120°
■ Horiz, Spread; 120°



Typical model specification

Product Number	Wattage	Color Temperature	Voltage	Lumens	Warranty	CRI
EX-20W R2YZDA	2x10W/2ft	2200K-7000K	AC100-277V	2800	5 years	>70 or >80
EX-30W R2YZDA	2x15W/2ft			4200		
EX-40W R4YZDA	2x20W/4ft			5600		
EX-50W R4YZDA	2x25W/4ft			7000		
EX-60W R4YZDA	2x30W/4ft			8400		

"R2,R4"=Product code, "Y"=Sensor:N for without sensor; "Z"=CCT,

22 for 2200K, **30** for 3000K, **40** for 4000K, **50** for 5000K, **60** for 6000K, **65** for 6500K, **70** for 7000K;

"D"=Beam angle, **D120** for 120°; "A"=Cover information, Blank for clear and **F** for frosted.

Packing Information

Model	Quantity/Carton	Length(mm)	Width(mm)	Height(mm)	Net weight(kg)	Gross weight(kg)
R2	1	820	250	180	4	5
R4	1	1320	220	180	8	10.7

Features

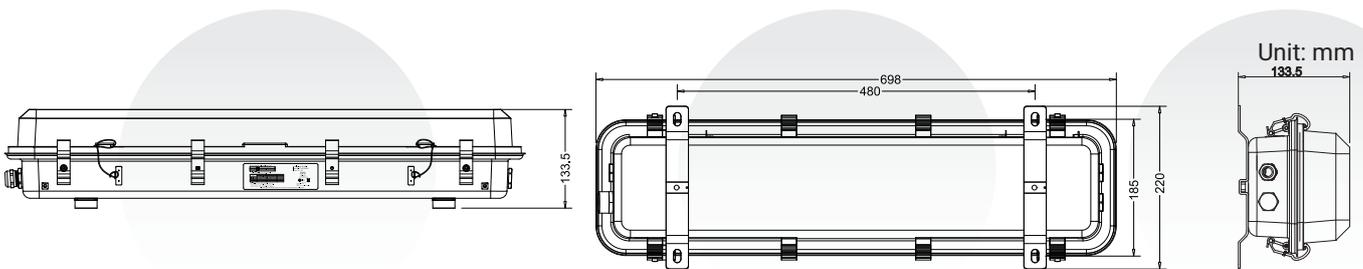
- Back-up battery (optional).
- Stainless steel body and PC cover.
- Heavy-duty and high impact resistance.
- Ambient range: -40°C - +45°C/60°C (Normal).
- Ambient range: -10°C - +45°C/60°C (Emergency)
- Ambient range: -40°C - +50°C (UL844)
- Waterproof / vapor / dust / corrosion / explosion proof.

Certification

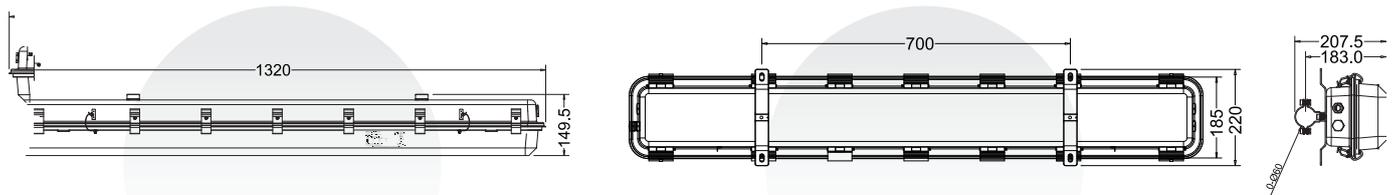


Dimension

R2 Series

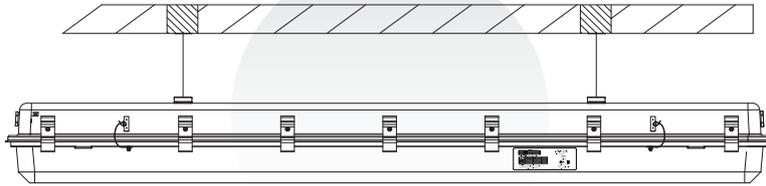


R4 Series

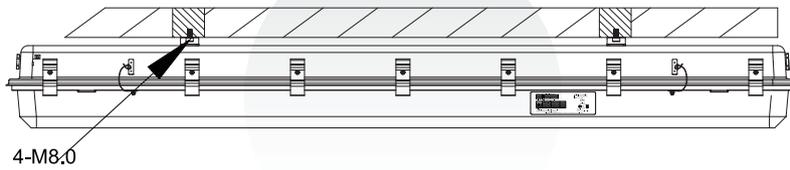


Mounting

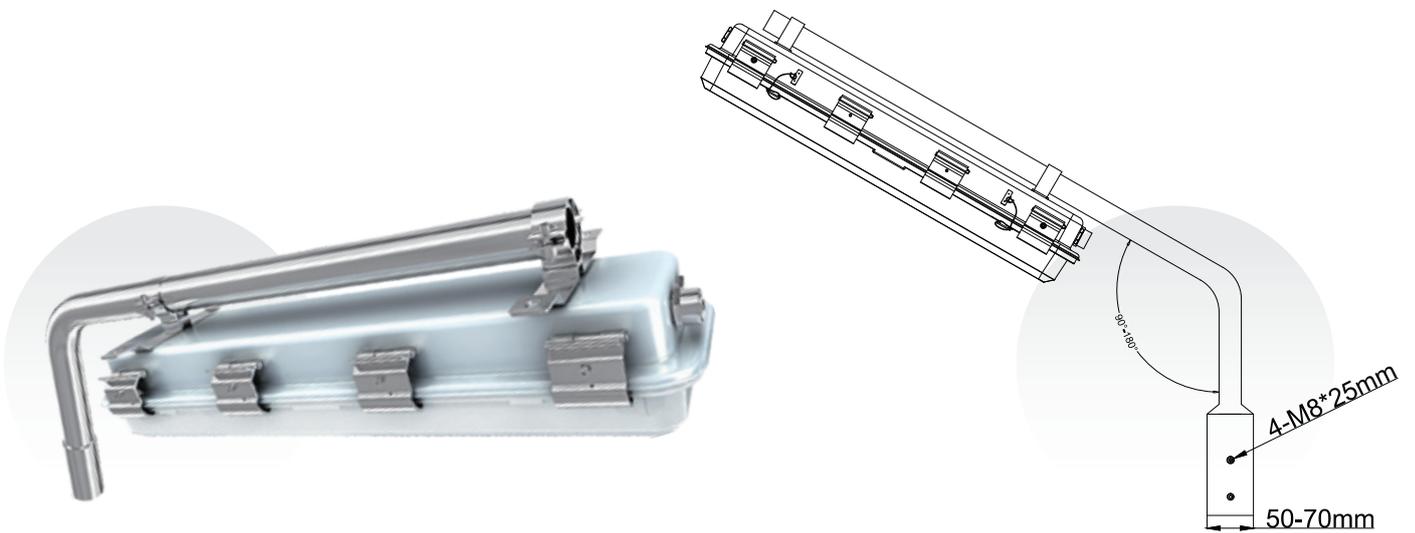
No.1: Rope Mounting



No.2: Rope Mounting



No.3: Rope Mounting





ALROUF MODULAR FLOOD LIGHT



Performance

LEDs Philips Lumileds	IP66 / IP67
75W~450W	IK10
CCT 4500~5500K (2500~5500K optional)	IES 60x100° / 90x145° / 70x130° / 80x145° / 80x150° /
CRI ≥70	IES 80x150° / 80x125° / 25° / 30° / 60° / 90° / 110° / 140°
L70>100,000hours	Operating Temperature:-45°C to +50°C (-49°F to 122°F)
100-277 VAC (347/480 VAC Optional) Dimming Optional	Storing Temperature:-45°C to +80°C (-49°F to 176°F)
PF 0.95 min	137lm/W~154lm/W
	3G / 5G Vibration

Certification



CE RoHS CB



ANY APPLICATIONS ANYWHERE EDGE HAS YOU COVERED

Edge is a universal luminaire for both indoor and outdoor use such as flood lighting, area lighting, high bay lighting and security light. It delivers a high power lumen package for commercial and industrial applications. 50W to 450W, 140Lm/W efficacy, and choice of 15 optics produce precise illumination for any types of site or application.

Highly efficient one-for-one replacement for conventional industrial luminaires - and with a higher efficacy than its predecessors, it promises a quicker payback than ever.



Product Features

- Heavy-duty built for demanding applications.
- IP66/IP67 rated for wet environments and all weather conditions.
- 3G/5G vibration rated.
- 15 types of optic lens at choice.
- Choice of mount accessories accommodate wall mount, surface mount, or pole mount.



Typical model specification

Model	Power	No. of Modules	Efficacy(IES)	Total Lumen	N.W	Product Dimensions
EO-ED-75U	75W	1	137LPW	10,275lm	5.4kg/11.9lbs	351x410x175mm (13.8x16.1 x6.9in)
EO-ED-100U	100W	2	154LPW	15,400lm	6.5kg/14.3lbs	448x410x175mm (17.6x16.1 x6.9in)
EO-ED-150U	150W	2	140LPW	21,000lm	6.5kg/14.3lbs	448x410x175mm (17.6x16.1 x6.9in)
EO-ED-200U	200W	3	145LPW	29,000lm	7.5kg/16.5lbs	542x410x175mm (21.3x16.1 x6.9in)
EO-ED-240U	240W	3	137LPW	32,880lm	7.5kg/ 16.5lbs	542x410x175mm (21.3x16.1 x6.9in)
EO-ED-300U	300W	4	140LPW	42,000lm	7.9kg/17.4lbs	702x410x175mm (27.6x16.1 x6.9in)
EO-ED-450U	450W	6	140LPW	63,000lm	14.8kg/32.61b s	850x410x175mm (33.8x16.1 x6.9in)

Installation

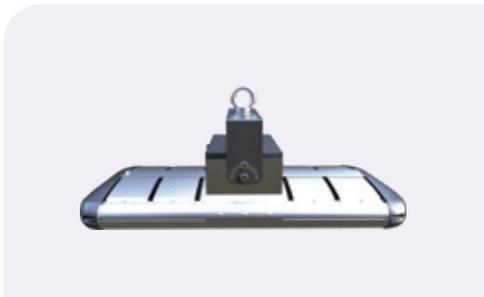
For high performance and long term reliability, the light should be installed in free air.

Hanging Ring Mount

- 1.Tighten the NUT attached to the hanging ring to ensure the hanging ring is securely connected to the light fixture.
- 2.Hang the ring to the field supplied by the mounting hook or chain.
- 3.Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)

Universal Bracket

- 1.Rotate the bracket to the desired angle and tighten screw to lock it.
- 2.Bolt the universal mounting bracket to the field mounting point. Bolt the center point before the two side points. Tighten the bolts to wrench tight.
- 3.Wiring.(Connect supply wires to luminaire wire leads per the wiring diagram using methods that comply with all applicable codes.)



Hanging Ring



180° U Bracket



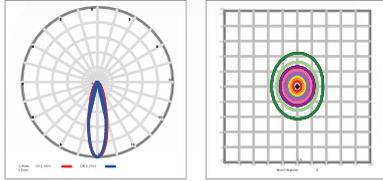
360° Heavy Duty U Bracket



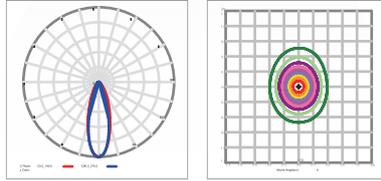
180° Heavy Duty U Bracket + Slip Fitter

Photometrics

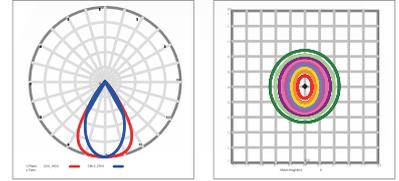
25°(TYPE V-VS)



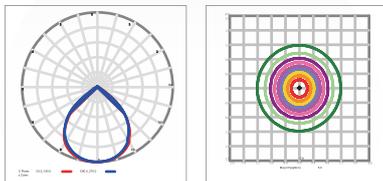
30°(TYPE V-VS)



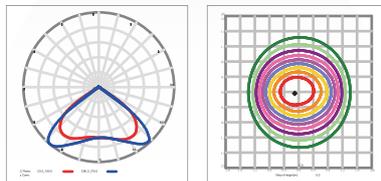
60°(TYPE V-VS)



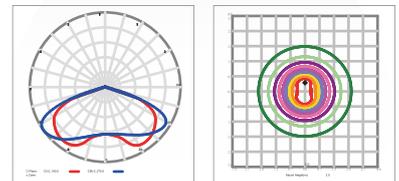
90°(TYPE V-VS)



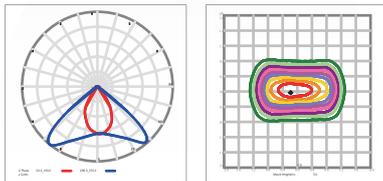
110°(TYPE V-VS)



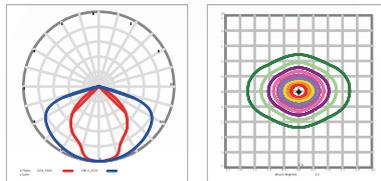
140°(TYPE V-VS)



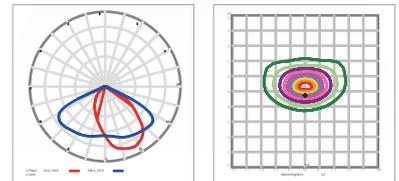
60×100°(TYPE I-VS)



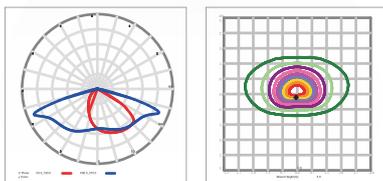
90×145°(TYPE I-VS)



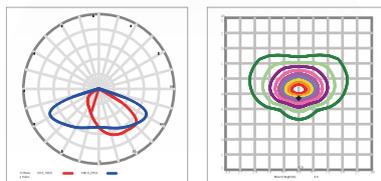
70×130°(TYPE II-S)



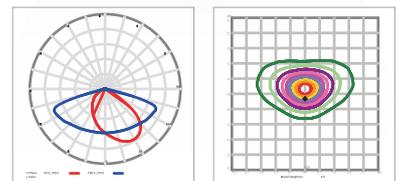
80×150°(TYPE III-M)



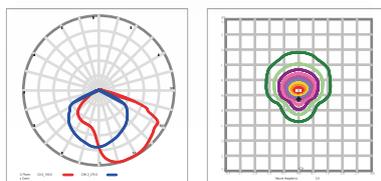
80×145°(TYPE III-S)



80×150°(TYPE III-S)



85×125°(TYPE IV-VS)





ALROUF HIGHBAY LIGHT

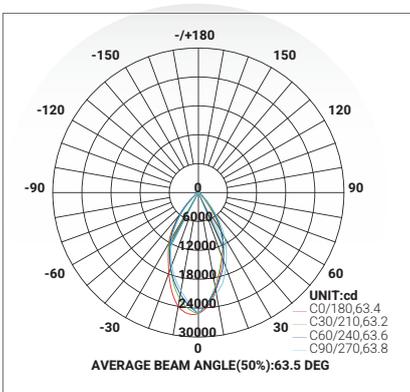
Product Features

- High performance and reputable brand led chips and driver
- Clear polycarbonate lens with no risk of lamp breaking for safe industry applications
- Optimized aluminum alloy housing design for superior thermal management
- Instant light up with no warm up time
- No cool down needed before restart
- High mechanical impact resistance and ingress protection rating
- Compact in size and easy for transportation

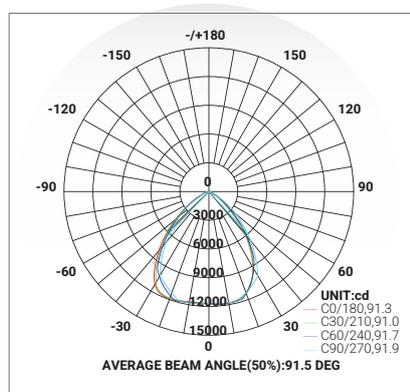
Options

- Safety rope
- 1-10V Dimming
- 60/90/120 degree lens
- Adjustable mounting bracket
- Microwave sensor available

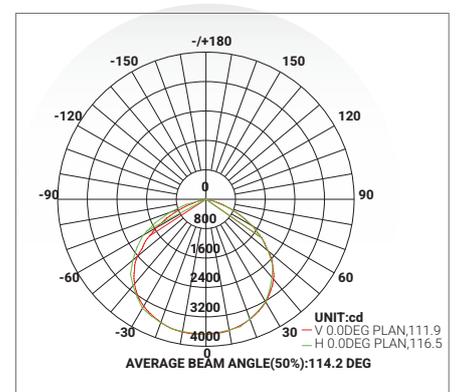
Photometrics



60°

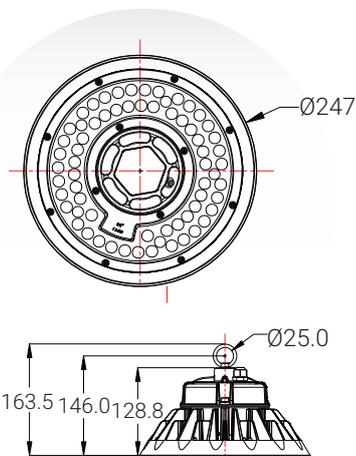


90°

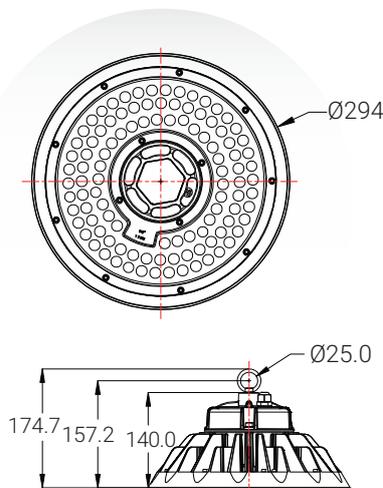


120°

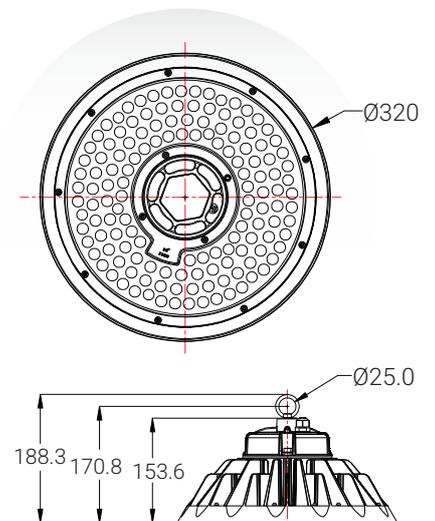
Dimensions



100W



150W



200W/240W

Specifications

- Power Consumption: 100-240W
- Luminous Flux: 14,000lm to 36,000lm
- Input Voltage: 100-277V~
- Color Temperature: 2700 - 6500K
- IP and IK Rating: IP65 and IK08
- Colour Rendering Index (Ra): 80+
- L70 lumen maintenance: >50,000 hours
- Power factor: >0.95
- Warranty: 5 years
- Operation Temperature Range: -30°C to +50°C

Ordering Information

Part No	Power	CCT	Flux	Dimming	Diameter	Height	Beam Angle
Alrouf-UFO-E100W	100W	2700-6500K	14,000-15,000lm	optional	247mm	163mm	60/90/120°
Alrouf-UFO-E150W	150W	2700-6500K	21,000-25,500lm	optional	294mm	174mm	60/90/120°
Alrouf-UFO-E200W	200W	2700-6500K	28,000-30,000lm	optional	320mm	188mm	60/90/120°
Alrouf-UFO-E240W	240W	2700-6500K	33,600-36,000lm	optional	320mm	188mm	60/90/120°

Model	Carton Size	N.W	G.W	QTY
Alrouf-UFO-E100W	280*280*170mm	2.2KG	2.7KG	1PCS
Alrouf-UFO-E150W	330*330*180mm	3.0KG	3.5KG	1PCS
Alrouf-UFO-E200W	350*350*200mm	3.8KG	4.2KG	1PCS
Alrouf-UFO-E240W	350*350*200mm	3.8KG	4.2KG	1PCS





ALROUF SLIM FLOOD LIGHT

Product Features

- High performance and reputable brand LED chips and driver
- Clear tempered glass decrease risk of lamp breaking for strong industrial applications
- Optimized aluminum alloy housing design for superior thermal management
- Instant light up with no warm up time
- No cool down needed before restart
- High mechanical impact resistance and ingress protection rating
- Compact in size and easy for transportation

Options

- Housing color and glass color
- Length wire and special plug
- Dimming 0-10V, 1-10V, DALI
- Surge Protection:4KV
- THD<15%

Key Features

- Straight fin structure with pillars, greatest heat dissipation
- With hexagon socket screws, the surface looks neater
- 304 stainless steel screw, corrosion resistant treatment, suitable for coastal area
- Hem corner, strengthen stability
- Galvanized bracket, corrosion resistant

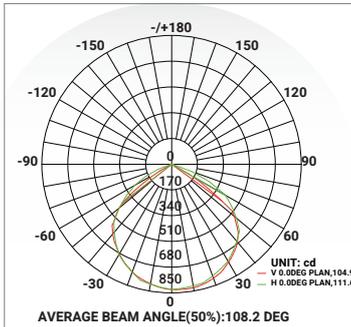
Breather Valve, balance the internal and external pressure and humidity



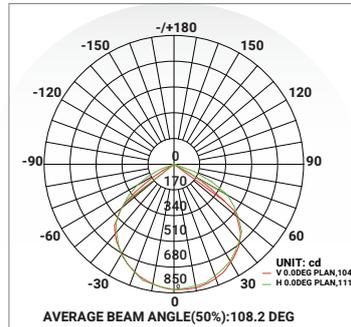
Certification



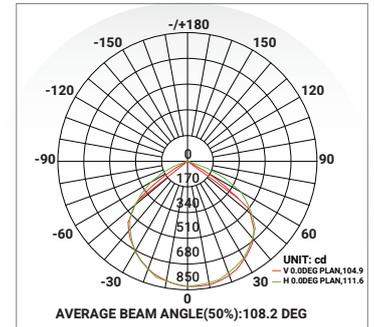
Photometrics



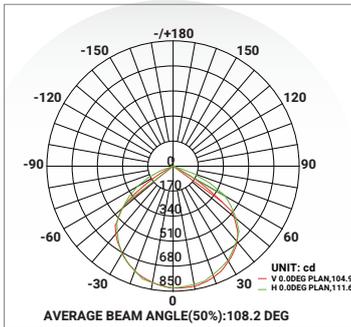
10W



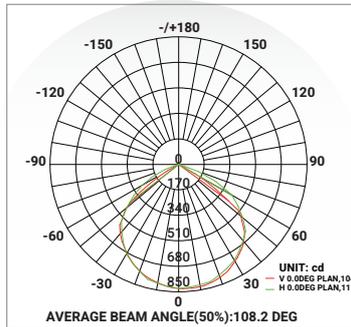
20W



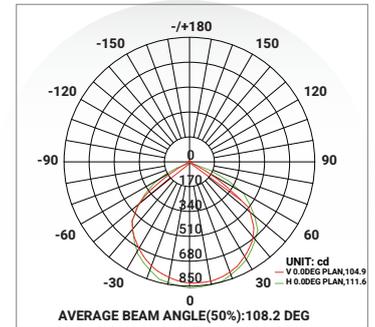
30W



50W

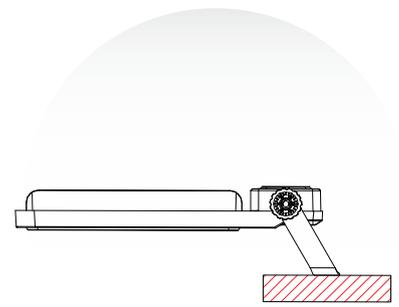
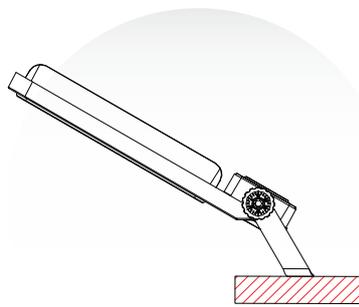
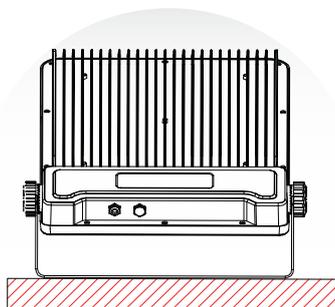


100W

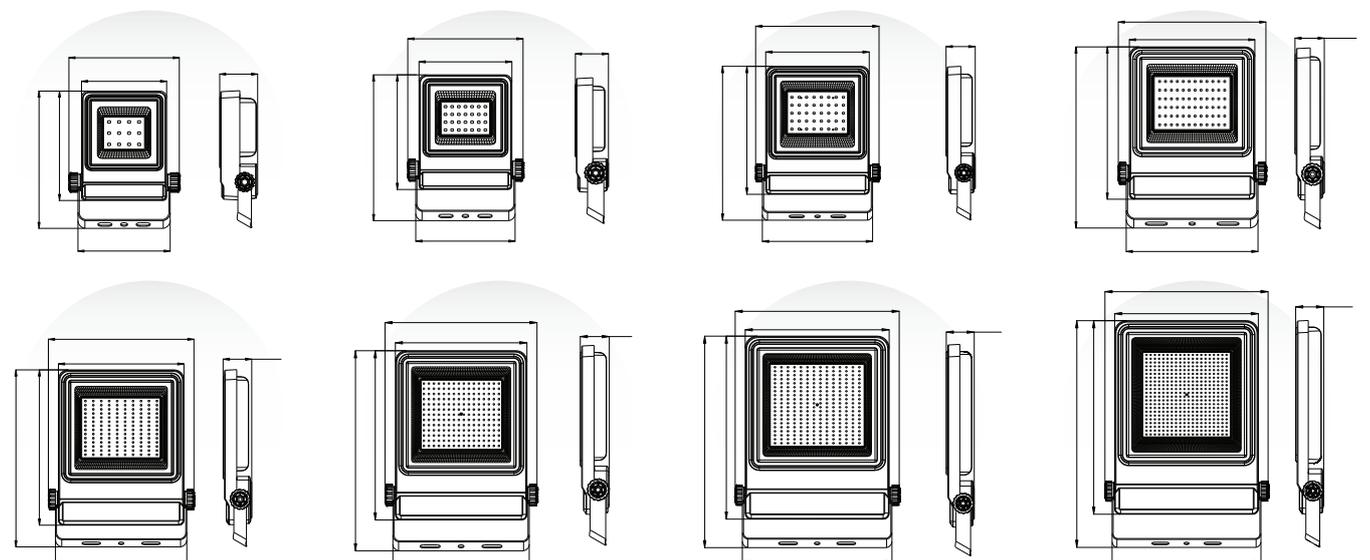


200W

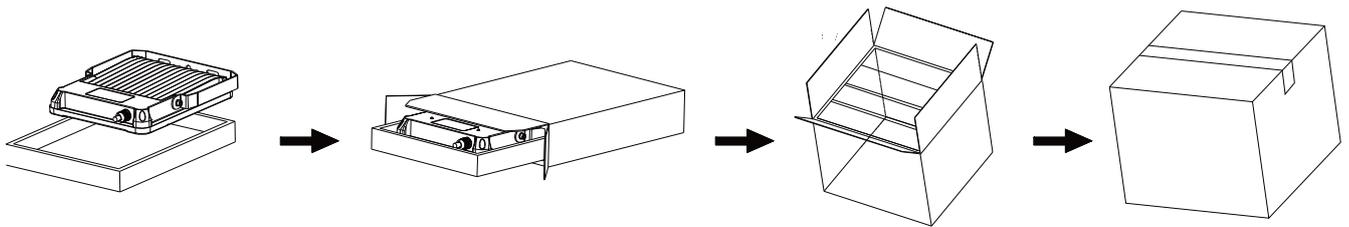
Installation



Dimension



Specification								
Rated Power	10W	20W	30W	50W	100W	150W	200W	300W
Input Voltage	AC100 -277V							
Chip	Osram							
Driver	ZH / Sosen / Meanwell							
CRI	80							
LED QTY	12 pcs	24 pcs	40 pcs	72 pcs	140 pcs	208 pcs	280 pcs	488pcs
Luminous Efficacy	IP66							
IP Rating	-20~+50°C							
Operation Temperature	120°							
Beam Angle	3 / 5 years							
Warranty	110~120lm/W							
Dimension	127*159*44mm	147*188*43mm	193*242*46mm	237*293*47mm	280*344*55mm	320*424*61mm	337*476*63mm	407*569*70mm



Packaging				
Model	Carton Size	N.W	G.W	QTY
Alrouf-XTGD-10W	538*146*580mm	12KG	13KG	30PCS/CTN
Alrouf-XTGD-20W	613*172*560mm	8.5KG	9.8KG	20PCS/CTN
Alrouf-XTGD-30W	601*266*300mm	11.8KG	12.5G	15PCS/CTN
Alrouf-XTGD-50W	512*312*305mm	11.5KG	12KG	10PCS/CTN
Alrouf-XTGD-100W	397*327*405mm	12.8KG	13.5KG	5PCS/CTN
Alrouf-XTGD-150W	490*385*331mm	14.8KG	15.5KG	4PCS/CTN
Alrouf-XTGD-200W	550*417*263mm	12.3KG	12.8KG	3PCS/CTN
Alrouf-XTGD-300W	627*457*183mm	12.6KG	13.2KG	2PCS/CTN



ALROUF MODULAR FLOOD LIGHT

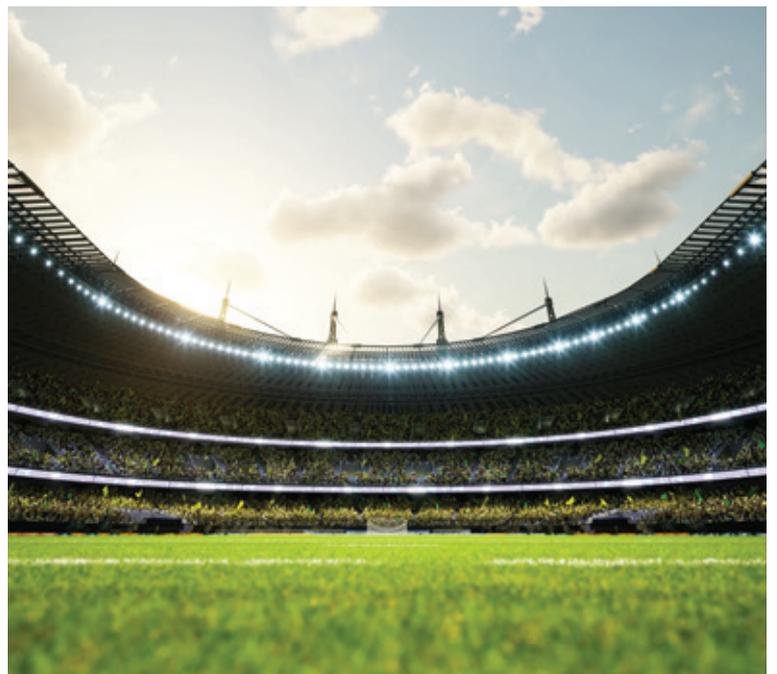
What Are The Advantages Of Our Product

SKYWING VIII, the new generation in LED sports & area lighting, create an unbelievable combination of world-class performance, energy saving, cuttingedge optical & thermal management technology and ongoing low maintenance cost in one sleek package solution



Modern Stadium

Lighting infrastructure is a strategic resource in modern stadium. LED lighting not just simply means energy saving, environmental protection, reducing installation job, and reducing subsequent maintenance cost. More importantly, it offers new opportunities for the stadium. Different lighting demand can be realized through intelligent control, making the stadium being a multi-functional venue which is capable of holding large scale events, such as concert.



Product Breakdown Chart



Polycarbonate Lens

Japan brand TEIJIN PC with multiple optical lighting design, anti-UV and high mechanical strength.

High brightness LEDs

High luminous efficacy up to 180lm/W, high CRI, Ra>70, >80, >95 (TLCI>95, R9>0).

Tempered Glass

4mm high strength tempered glass, further reduces the UV and anti-rust, typically designed for coastal areas.

Visor

Effectively control the spill light, upward light and avoid the lighting pollution.

Aiming Device

Allows for precise aiming and site installation.



Bracket & Arms

Integrated bracket with hem design ensure the mechanical strength, galvanized treatment for anti-rust.

Driver Cover

Die-casting aluminum driver cover guarantee the corrosion resistance, easy for maintenance and driver protection.

Top Brand Power Supply

Equipped with top brand LED driver: MW, Inventronics, Sosen, ensure the performance and reliability.

Racked Angle

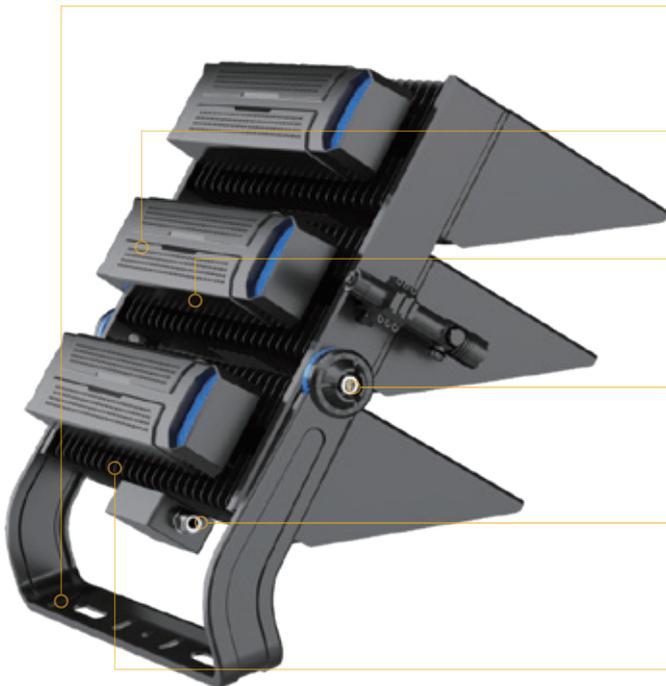
10° steps, allows for 270° installation adjustment.

Terminal Box

Die-casting aluminum material guarantee the corrosion resistance, waterproof treatment, easy for maintenance and wire joint protection.

ADC12 Aluminum Die-casting Fixture Housing

Corrosion resistant treatment, anti-rust, excellent thermal management, long lifespan.



SKYWING VIII_Plan A_150lm

Model No.	ISL-QCD-H250W	ISL-QCD-H500W	ISL-QCD-H750W	ISL-QCD-H1000W	ISL-QCD-H1250W
Light Source	440*PCT2835/126*SMD3737	880*PCT2835/252*SMD3737	1320*PCT2835/378*SMD3737	1760*PCT2835/504*SMD3737	2200*PCT2835/563*SMD3737
LED Brand	Lumileds/OSRAM	Lumileds/OSRAM	Lumileds/OSRAM	Lumileds/OSRAM	Lumileds/OSRAM
Driver Brand	MW/SOSEN	MW/SOSEN	MW/SOSEN	MW/SOSEN	MW/SOSEN
Rated Power (W)	240W	480W	720W	960W	1200W
Input Voltage (V)	100-305Vac 50/60Hz				
Output Voltage (V)	48	48	48	48	48
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95
THD	<10	<10	<10	<10	<10
Luminous Flux (lm)	36,000 ±5%	72,000 ±5%	108,000 ±5%	144,000 ±5%	180,000 ±5%
CCT (K)	3000/4000/5000/5700	3000/4000/5000/5700	3000/4000/5000/5700	3000/4000/5000/5700	3000/4000/5000/5700
CRI (Ra)	>70/>80/>90	>70/>80/>90	>70/>80/>90	>70/>80/>90	>70/>80/>90
Beam Angle	10°/25°/45°/60°/90°/65°*25°	10°/25°/45°/60°/90°/65°*25°	10°/25°/45°/60°/90°/65°*25°	10°/25°/45°/60°/90°/65°*25°	10°/25°/45°/60°/90°/65°*25°
IP Class	IP66	IP66	IP66	IP66	IP66
IK Class	IK08/IK10	IK08/IK10	IK08/IK10	IK08/IK10	IK08/IK10
Outer Carton (mm)	630*330*230	630*520*230	630*680*230	630*840*230	630*1000*230
Net Weight (kgs)	7	14	20	26	32
Gross Weight (kgs)	7.5	15	22	28	35

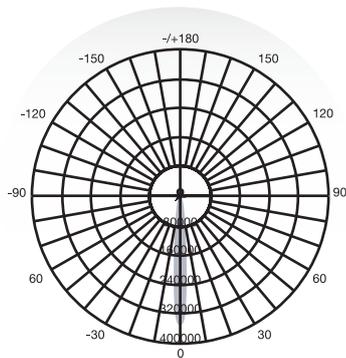
SKYWING VIII_Plan A_170lm

Model No.	ISL-QCD-H250W	ISL-QCD-H500W	ISL-QCD-H750W	ISL-QCD-H1000W	ISL-QCD-H1250W
Light Source	440*SMD3030/126*SMD3737	880*SMD3030/252*SMD3737	1320*SMD3030/378*SMD3737	1760*SMD3030/504*SMD3737	2200*SMD3030/630*SMD3737
LED Brand	Lumileds/OSRAM	Lumileds/OSRAM	Lumileds/OSRAM	Lumileds/OSRAM	Lumileds/OSRAM
Driver Brand	MW/SOSEN	MW/SOSEN	MW/SOSEN	MW/SOSEN	MW/SOSEN
Rated Power (W)	240W	480W	720W	960W	1200W
Input Voltage (V)	100-305Vac 50/60Hz				
Output Voltage (V)	48	48	48	48	48
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95
THD	<10	<10	<10	<10	<10
Luminous Flux (lm)	40,800 ±5%	81,600 ±5%	122,400 ±5%	163,200 ±5%	204,000 ±5%
CCT (K)	3000/4000/5000/5700	3000/4000/5000/5700	3000/4000/5000/5700	3000/4000/5000/5700	3000/4000/5000/5700
CRI (Ra)	>70/>80/>90	>70/>80/>90	>70/>80/>90	>70/>80/>90	>70/>80/>90
Beam Angle	10°/25°/45°/60°/90°/65°*25°	10°/25°/45°/60°/90°/65°*25°	10°/25°/45°/60°/90°/65°*25°	10°/25°/45°/60°/90°/65°*25°	10°/25°/45°/60°/90°/65°*25°
IP Class	IP66	IP66	IP66	IP66	IP66
IK Class	IK08/IK10	IK08/IK10	IK08/IK10	IK08/IK10	IK08/IK10
Outer Carton (mm)	630*330*230	630*520*230	630*680*230	630*840*230	630*1000*230
Net Weight (kgs)	7	14	20	26	32
Gross Weight (kgs)	7.5	15	22	28	35

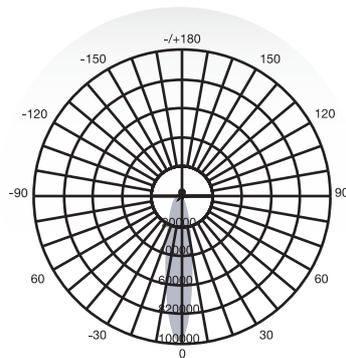
SKYWING VIII_Plan B_150lm

Model No.	ISL-QCD-H300W	ISL-QCD-H600W	ISL-QCD-H900W	ISL-QCD-H1200W	ISL-QCD-H1500W
Light Source	440*SMD3030/126*SMD3737	880*SMD3030/252*SMD3737	1320*SMD3030/378*SMD3737	1760*SMD3030/504*SMD3737	2200*SMD3030/630*SMD3737
LED Brand	Lumileds/OSRAM	Lumileds/OSRAM	Lumileds/OSRAM	Lumileds/OSRAM	Lumileds/OSRAM
Driver Brand	MW/SOSEN	MW/SOSEN	MW/SOSEN	MW/SOSEN	MW/SOSEN
Rated Power (W)	300W	600W	900W	1200W	1500W
Input Voltage (V)	100-305Vac 50/60Hz				
Output Voltage (V)	48	48	48	48	48
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95
THD	<10	<10	<10	<10	<10
Luminous Flux (lm)	45,000 ±5%	90,000 ±5%	135,000 ±5%	180,000 ±5%	225,000 ±5%
CCT (K)	3000/4000/5000/5700	3000/4000/5000/5700	3000/4000/5000/5700	3000/4000/5000/5700	3000/4000/5000/5700
CRI (Ra)	>70/>80/>90	>70/>80/>90	>70/>80/>90	>70/>80/>90	>70/>80/>90
Beam Angle	10°/25°/45°/60°/90°/65°*25°	10°/25°/45°/60°/90°/65°*25°	10°/25°/45°/60°/90°/65°*25°	10°/25°/45°/60°/90°/65°*25°	10°/25°/45°/60°/90°/65°*25°
IP Class	IP66	IP66	IP66	IP66	IP66
IK Class	IK08/IK10	IK08/IK10	IK08/IK10	IK08/IK10	IK08/IK10
Outer Carton (mm)	630*330*230	630*520*230	630*680*230	630*840*230	630*1000*230
Net Weight (kgs)	7	14	20	26	32
Gross Weight (kgs)	7.5	15	22	28	35

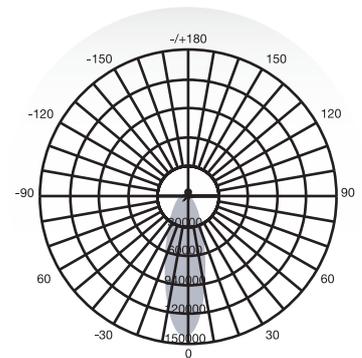
Photometrics



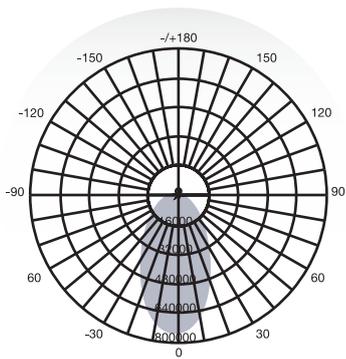
10°



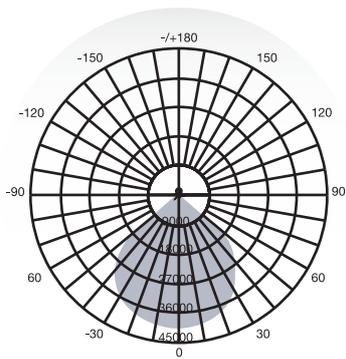
25°



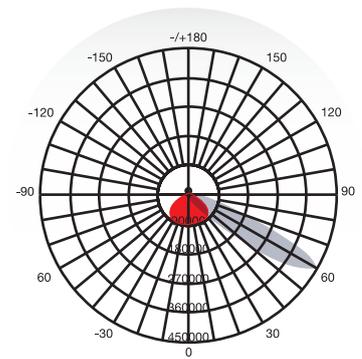
45°



60°



90°



Asymmetrical 65°*25°

Model	Picture	Front View	Side View	Installation Size Diagram
ISL-QCD-H250W ISL-QCD-H300W 1 LED Module				
ISL-QCD-H500W ISL-QCD-H600W 2 LED Modules				
ISL-QCD-H750W ISL-QCD-H900W 3 LED Modules				
ISL-QCD-H1000W ISL-QCD-H1200W 4 LED Modules				
ISL-QCD-H1250W ISL-QCD-H1500W 5 LED Modules				



LED



الروف
LIGHTING TECHNOLOGY CO.Ltd.



شركة الروف
لتقنية الإنارة المحدودة

Dammam
Prince Metib st,Izdhar District
Alrouf Trading Building
Tel/Fax : 966 13 8588556
sales@alroufled.com

Jeddah
Commercial center for
Dr. Hassan Nasr, Baladiyah St.,
Al Aziziyah.
Tel : +966-56 472 7973