



Hazardous Locations Light

Safe. Reliable. Efficient.

Product Description

Explosion Proof 120 Wattage High Bay LED Light Fixture - Max 15,600 Lumens, UL844 approved. Hydrogen or gas approved LED surface or pendant mounted light fixture provides operators with a powerful and energy efficient alternative to traditional hazardous location luminaries. LED technology and compact design makes this lamp an excellent replacement upgrade option for bulky and high maintenance cost older fixtures. This series achieve Class I Division 1, Groups C, D; Class I Division 2, Groups A, B, C, D; Class II Division1 Group E, F, G. Class III.

The copper free aluminum alloy body is powder coated for added durability and an attractive aesthetic appearance. Special heat dissipating design in conjunction with LED technology helps this fixture to achieve an excellent 50,000 hour rated life span with 80% lumen retention. Light weight and a low profile make this unit an attractive alternative to larger and heavier older fixtures and requires less hard ware to install. This light is multi-voltage capable and can be operated with 100-277/200-480 VAC, 50/60Hz without any need for a special ballast. The aluminum body and LED lamp give this light excellent durability and resistance to vibration and impacts. The housing is specially designed to dissipate heat which increases the efficiency and life span of the LED luminaries. The max LED lamp produces 15,600 lumens with a color temperature of 5,000-6,500K and a color rendering index of 80 which produces colors and details much more accurately than high pressure sodium or mercury vapor luminaries. James Explosion proof light can be surface and pendant mounted by bringing down a rigid conduit to the light fixture. Mounting Option Notes:

Pendant mounting option requires conduit be supplied by the installer.

Hazardous Locations Light

Products and solutions that
protect your business



Applications

This luminaire can be used as spot light, down light and tunnel light which can provide general illumination in hazardous locations, such as:

- Refinery factory
- Oil and gasoline loading docks
- Gas stations
- Painting manufacture workshop
- Pumping stations
- Metal Smelting Plant
- Mining
- Ocean platform
- Aerospace
- Chemical plant
- Vessels
- Military
- Flourmill
- Distilleries
- Power station
- Other high humidity, high temperature, dusty locations...



A Series

Features

- High efficacy: up to 140lm/W
- CRI>80
- Surface mounting and pendant installations
- Wide and narrow optics for uniform illumination
- Copper free aluminum
- High vibration resistance

Ratings and Certifications

- NEMA 4X, IP66
- UL1598/UL1589A/UL844 CSA
- C22.2 No.137/No.250.0
Class I,Division 2,Groups A,B,C,D
Class II,Division 1,Groups E,F,G
Class II,Division 2,Groups E,F,G
Class III
- Marine and Wet Locations
- IECEX
- ATEX
- 5-10 years warranty
- L70 rating for more than 150000 hours





Typical model specification

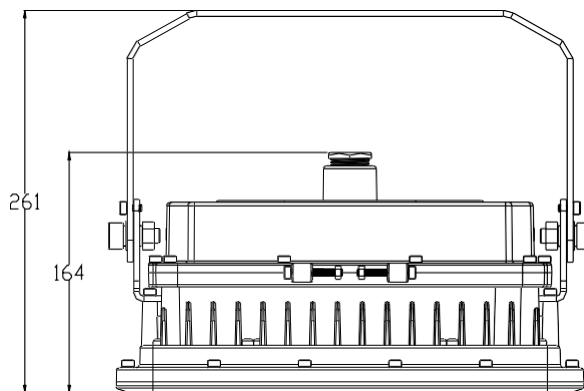
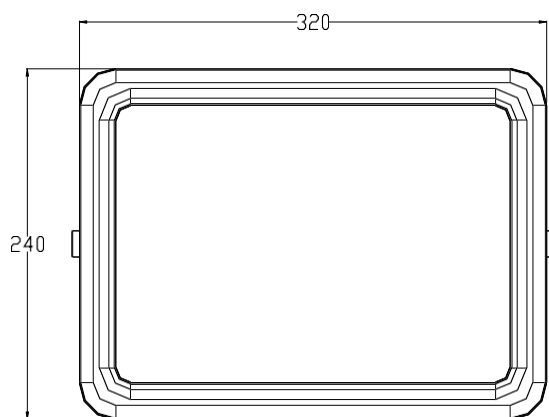
Product Number	Wattage	CCT	Voltage	Lumens	Working Hours	CRI
EX-40W AYZD	40	4000K-5700K	AC100-277V or AC180-480V	5600	10 years	80
EX-50W AYZD	50	4000K-5700K	AC100-277V or AC180-480V	7000	10 years	80
EX-60W AYZD	60	4000K-5700K	AC100-277V or AC180-480V	8400	10 years	80
EX-70W AYZD	70	4000K-5700K	AC100-277V or AC180-480V	9800	10 years	80
EX-80W AYZD	80	4000K-5700K	AC100-277V or AC180-480V	11200	10 years	80
EX-90W AYZD	90	4000K-5700K	AC100-277V or AC180-480V	12600	10 years	80
EX-100W AYZD	100	4000K-5700K	AC100-277V or AC180-480V	14000	10 years	80

“A”=Product series “Y”=D or N:Dimmable or non-dimmable “Z”= CCT, from 4000~5700K “D”=Beam angle:110°,140°

Mechanical information

	Size(in)
AC100-277V models	12.6"x9.4"x6.5"
AC200-480V models	12.6"x9.4"x6.5"

Structure diagram

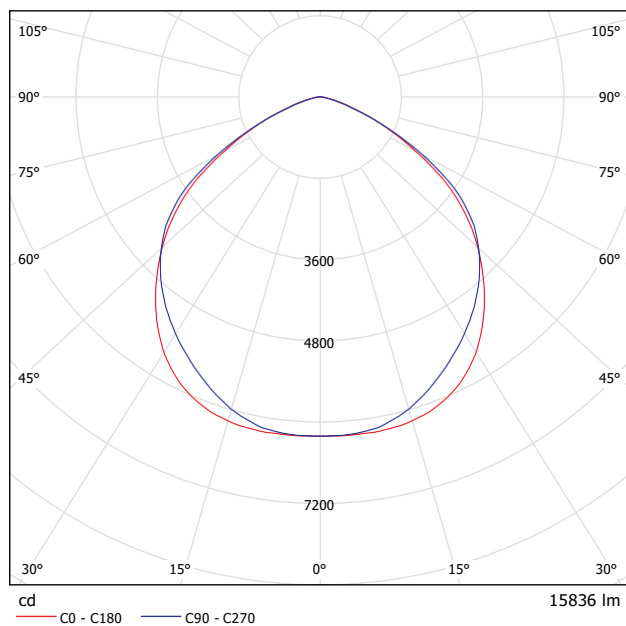


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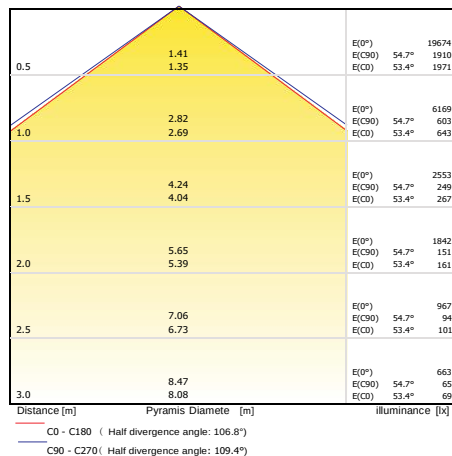
The unique light distribution design, light type and angle precision control of the LED light source, to avoid light pollution and ineffective utilization of light; soft light, no glare, will not cause eye fatigue of workers, improve working efficiency.

Professional Light Distribution

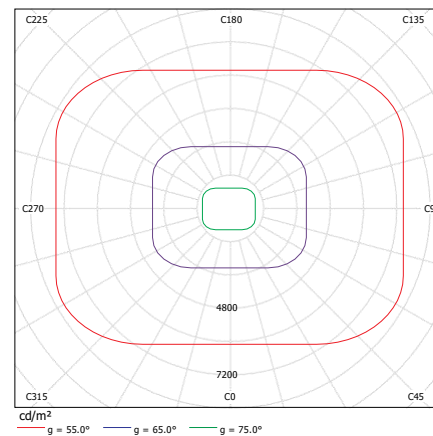
Light Distribution Pattern (120W)



Light intensity curve



Plane illuminance curve



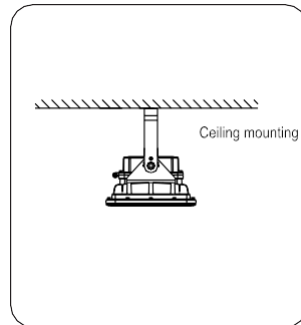
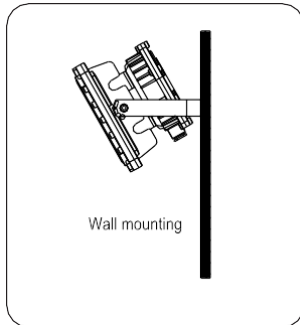
Mounting methods

James Explosion proof light can be surface and pendant mounted by bringing down a rigid conduit to the light fixture.

Mounting Option Notes:

Pendant mounting option requires conduit be supplied by the installer.

Rectangle luminaires mounting





B Series

Applications

This luminaire can be used as spot light, down light and tunnel light which can provide general illumination in hazardous locations, such as:

- Refinery factory
- Oil and gasoline loading docks
- Gas stations
- Painting manufacture workshop
- Pumping stations
- Metal Smelting Plant
- Mining
- Ocean platform
- Aerospace
- Chemical plant
- Vessels
- Military
- Flourmill
- Distilleries
- Power station
- Other high humidity, high temperature, dusty locations...

Features

- High efficacy: up to 140lm/W
- CRI>80
- Surface mounting and pendant installations
- Wide and narrow optics for uniform illumination
- Copper free aluminum
- High vibration resistance

Ratings and Certifications

- NEMA 4X, IP66
- UL1598/UL1589A/UL844 CSA
- C22.2 No.137/No.250.0
Class I,Division 2,Groups A,B,C,D
Class II,Division 1,Groups E,F,G
Class II,Division 2,Groups E,F,G
Class III
- Marine and Wet Locations
- IECEX
- ATEX
- 5-10 years warranty
- L70 rating for more than 150000 hours





Typical model specification

Product Number	Wattage	CCT	Voltage	Lumens	Working Hours	CRI
EX-20W BYZD	20	4000K-5700K	AC100-277V or AC180-480V	2800	10 years	80
EX-30W BYZD	30	4000K-5700K	AC100-277V or AC180-480V	4200	10 years	80
EX-40W BYZD	40	4000K-5700K	AC100-277V or AC180-480V	5600	10 years	80
EX-50W BYZD	50	4000K-5700K	AC100-277V or AC180-480V	7000	10 years	80
EX-60W BYZD	60	4000K-5700K	AC100-277V or AC180-480V	8400	10 years	80
EX-65W BYZD	65	4000K-5700K	AC180-480V	9750	10 years	80
EX-70W BYZD	70	4000K-5700K	AC100-277V	9800	10 years	80
EX-80W BYZD	80	4000K-5700K	AC100-277V	11200	10 years	80

"B"=Product series

"Y"=D or N:Dimmable or non-dimmable

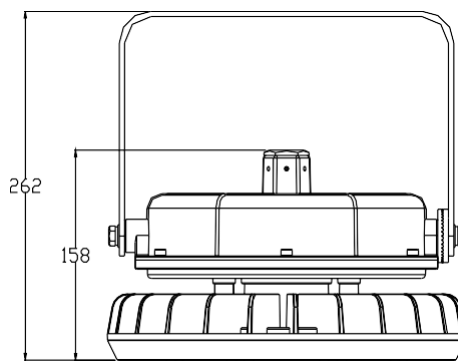
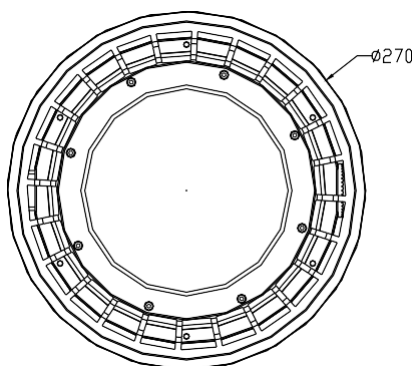
"Z"= CCT, from 4000~5700K

"D"=Beam angle:60°,90°,110°,140°

Mechanical information

	Size(in)
AC100-277V models	Ø 10.6x6.5"
AC200-480V models	Ø 10.6x6.5"

Structure diagram

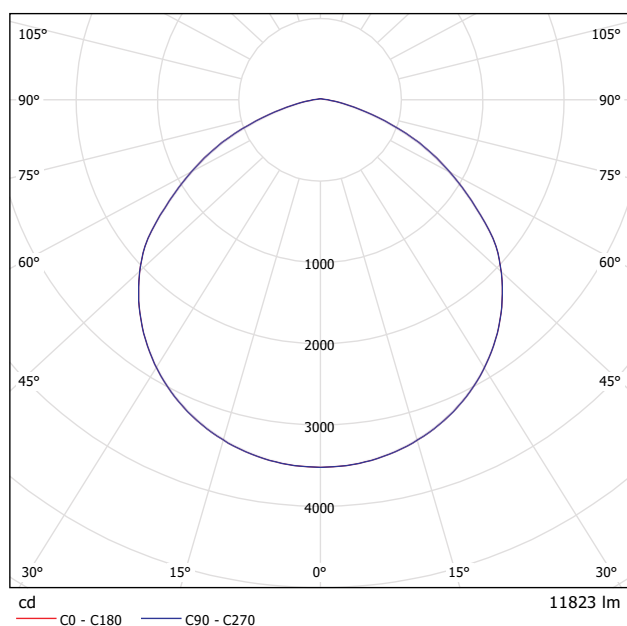


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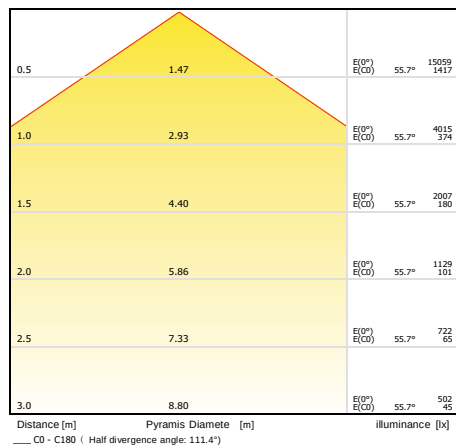
The unique light distribution design, light type and angle precision control of the LED light source, to avoid light pollution and ineffective utilization of light; soft light, no glare, will not cause eye fatigue of workers, improve working efficiency.

Professional Light Distribution

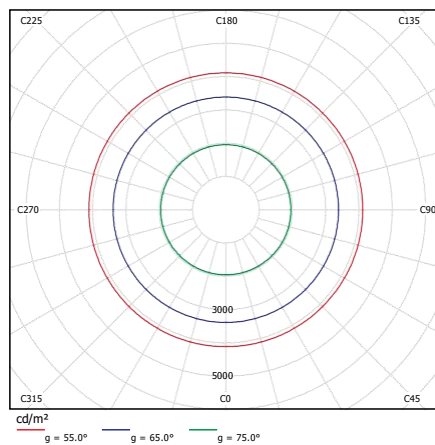
Light Distribution Pattern (80W)



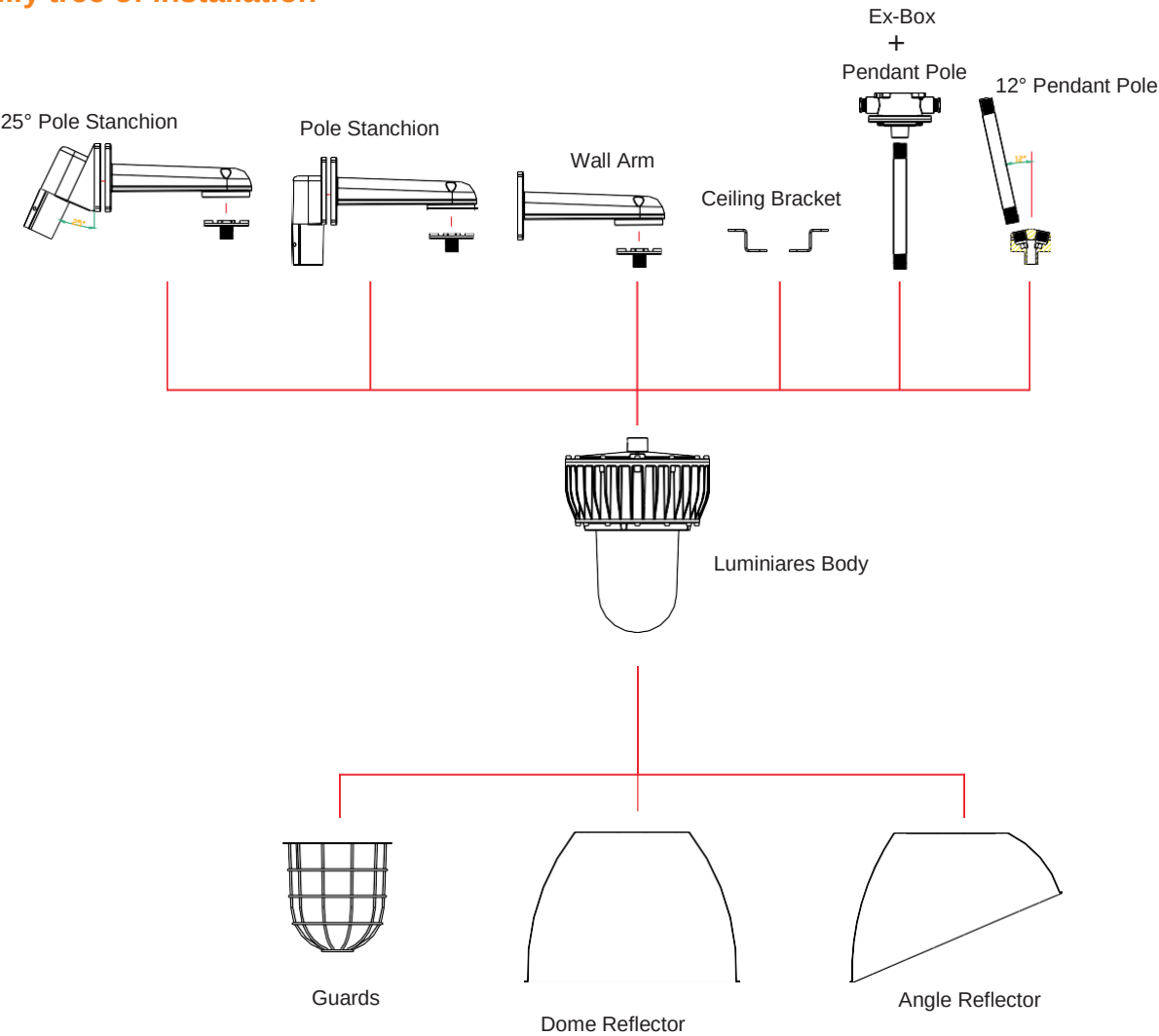
Light intensity curve



Plane illuminance curve



Family tree of installation



Adaptor	Conduit	Catalog No.
25° Pole Stanchion	3/4" or 1"	25DPS
Pole Stanchion	3/4" or 1"	PS
Wall Arm	3/4" or 1"	WA
Ceiling Bracket	Expand Screw	CB
Pendant Pole	Use Ex-Box	PP
12° Pendant Pole	3/4" or 1"	12DPP
Ex-Box	3/4"	EB

Applications

This luminaire can be used as spot light, down light and tunnel light which can provide general illumination in hazardous locations, such as:

- Refinery factory
- Oil and gasoline loading docks
- Gas stations
- Painting manufacture workshop
- Pumping stations
- Metal Smelting Plant
- Mining
- Ocean platform
- Aerospace
- Chemical plant
- Vessels
- Military
- Flourmill
- Distilleries
- Power station
- Other high humidity, high temperature, dusty locations...

Features

- High efficacy: up to 140lm/W
- CRI>80
- Surface mounting and pendant installations
- Wide and narrow optics for uniform illumination
- Copper free aluminum
- High vibration resistance

Ratings and Certifications

- NEMA 4X, IP66
- UL1598/UL1589A/UL844 CSA
- C22.2 No.137/No.250.0
Class I,Division 1,Groups C,D
Class I,Division 2,Groups A,B,C,D
Class II,Division 1,Groups E,F,G
Class II,Division 2,Groups E,F,G
Class III
- Marine and Wet Locations
- IECEX
- ATEX
- 5-10 years warranty
- L70 rating for more than 150000 hours

C Series





Typical model specification

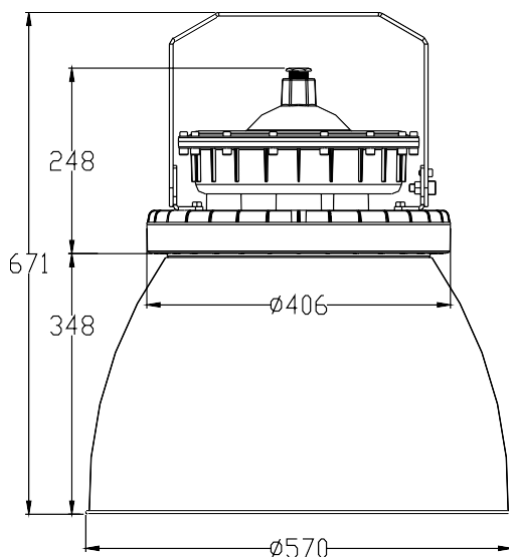
Product Number	Wattage	CCT	Voltage	Lumens	Working Hours	CRI
EX-60W CYZD	60	4000K-5700K	AC100-277V or AC180-480V	8400	10 years	80
EX-70W CYZD	70	4000K-5700K	AC100-277V or AC180-480V	10500	10 years	80
EX-80W CYZD	80	4000K-5700K	AC100-277V or AC200-480V	11200	10 years	80
EX-90W CYZD	90	4000K-5700K	AC100-277V or AC180-480V	13500	10 years	80
EX-100W CYZD	100	4000K-5700K	AC100-277V or AC200-480V	14000	10 years	80
EX-110W CYZD	110	4000K-5700K	AC100-277V or AC180-480V	16500	10 years	80
EX-120W CYZD	120	4000K-5700K	AC100-277V or AC200-480V	16800	10 years	80
EX-130W CYZD	130	4000K-5700K	AC100-277V or AC180-480V	19500	10 years	80
EX-140W CYZD	140	4000K-5700K	AC100-277V or AC180-480V	21000	10 years	80
EX-150W CYZD	150	4000K-5700K	AC100-277V or AC200-480V	22500	10 years	80

“C”=Product series “Y”=D or N:Dimmable or non-dimmable “Z”= CCT, from 4000~5700K “D”=Beam angle:60°,90°,110°,140°

Mechanical information

	Size(in)
AC100-277V models	Ø 16x12.7"
AC200-480V models	Ø 16x12.7"

Structure diagram



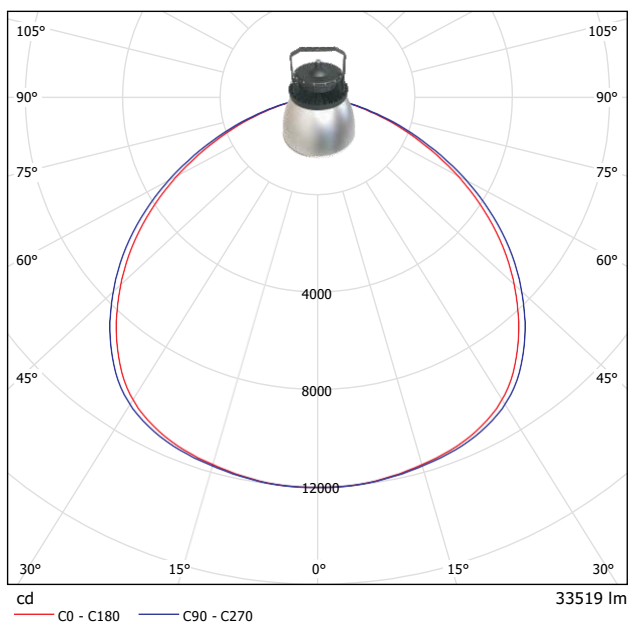


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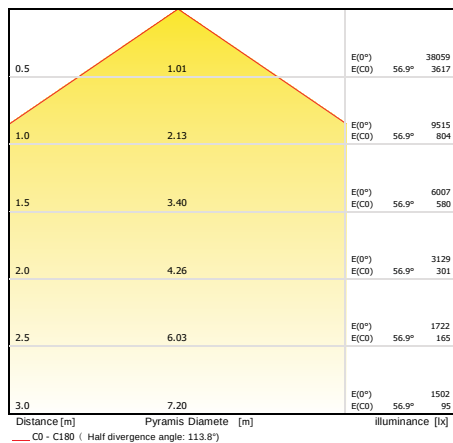
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Professional Light Distribution

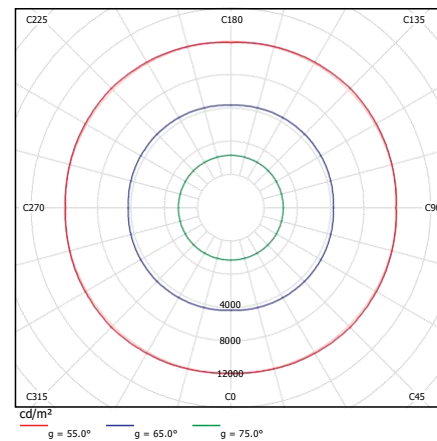
Light Distribution Pattern (240W)



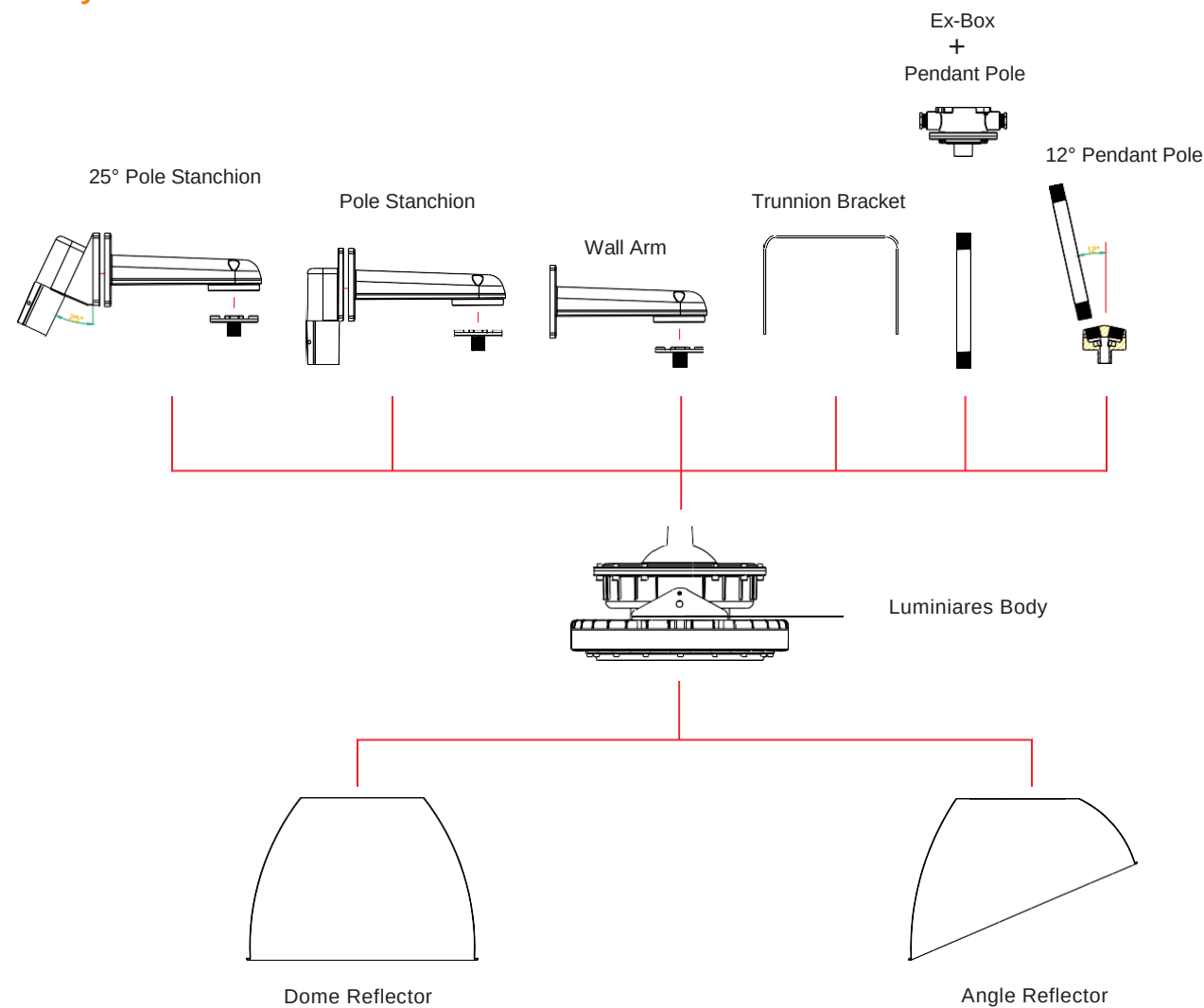
Light intensity curve



Plane illuminance curve



Family tree of installation



Adaptor	Conduit	Catalog No.
25° Pole Stanchion	3/4" or 1" NPT	25DPS
Pole Stanchion	3/4" or 1" NPT	PS
Wall Arm	3/4" or 1" NPT	WA
Turnnion Bracket	Expand Screw	TB
Pendant Pole	Use Ex-Box	PP
12° Pendant Pole	3/4" or 1" NPT	12DPP
Ex-Box	3/4" NPT	EB

Applications

This luminaire can be used as spot light, down light and tunnel light which can provide general illumination in hazardous locations, such as:

- Refinery factory
- Oil and gasoline loading docks
- Gas stations
- Painting manufacture workshop
- Pumping stations
- Metal Smelting Plant
- Mining
- Ocean platform
- Aerospace
- Chemical plant
- Vessels
- Military
- Flourmill
- Distilleries
- Power station
- Other high humidity, high temperature, dusty locations...

Features

- High efficacy: up to 140lm/W
- CRI>80
- Surface mounting and pendant installations
- Wide and narrow optics for uniform illumination
- Copper free aluminum
- High vibration resistance

Ratings and Certifications

- NEMA 4X, IP66
- UL1598/UL1589A/UL844 CSA
- C22.2 No.137/No.250.0
Class I,Division 1,Groups C,D
Class I,Division 2,Groups A,B,C,D
Class II,Division 1,Groups E,F,G
Class II,Division 2,Groups E,F,G
Class III
- Marine and Wet Locations
- IECEX
- ATEX
- 5-10 years warranty
- L70 rating for more than 150000 hours



D Series



Typical model specification

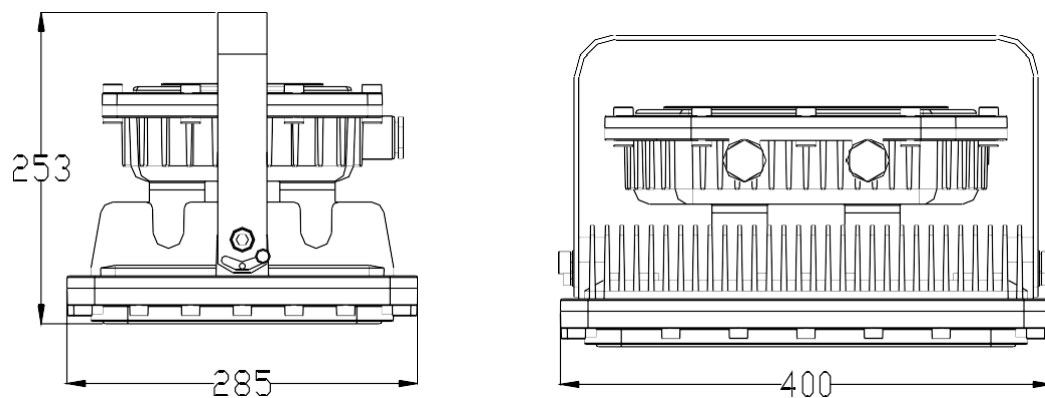
Product Number	Wattage	CCT	Voltage	Lumens	Working Hours	CRI
EX-60W DYZD	60	4000K-5700K	AC100-277V or AC180-480V	8400	10 years	80
EX-70W DYZD	70	4000K-5700K	AC100-277V or AC180-480V	10500	10 years	80
EX-80W DYZD	80	4000K-5700K	AC100-277V or AC200-480V	11200	10 years	80
EX-90W DYZD	90	4000K-5700K	AC100-277V or AC180-480V	13500	10 years	80
EX-100W DYZD	100	4000K-5700K	AC100-277V or AC200-480V	14000	10 years	80
EX-110W DYZD	110	4000K-5700K	AC180-480V	16500	10 years	80
EX-120W DYZD	120	4000K-5700K	AC100-277V or AC200-480V	16800	10 years	80
EX-1300W DYZD	130	4000K-5700K	AC100-277V or AC180-480V	19500	10 years	80
EX-140W DYZD	140	4000K-5700K	AC100-277V or AC180-480V	21000	10 years	80
EX-150W DYZD	150	4000K-5700K	AC100-277V or AC200-480V	22500	10 years	80

"D"=Product series "Y"=D or N:Dimmable or non-dimmable "Z"= CCT, from 4000~5700K "D"=Beam angle:110°,140°

Mechanical information

	Size(in)
AC100-277V models	15.7X11.3X10
AC200-480V models	15.7X11.3X10

Structure diagram

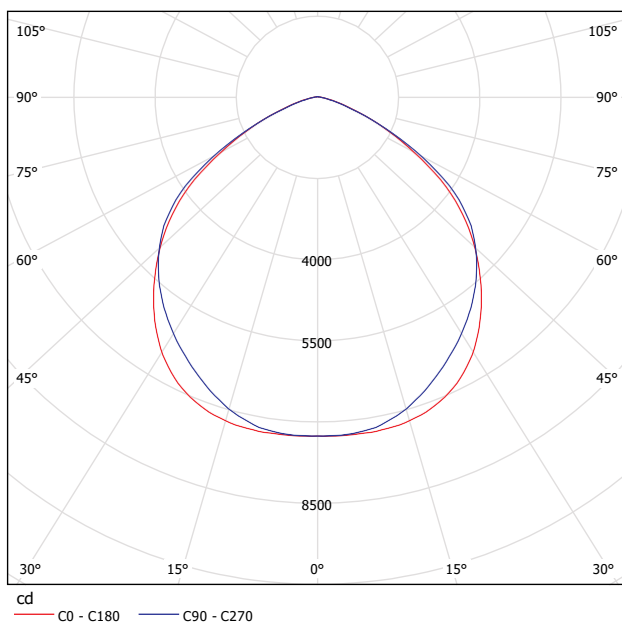


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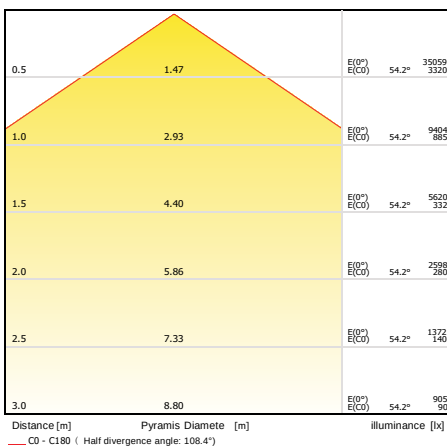
The unique light distribution design, light type and angle precision control of the LED light source, to avoid light pollution and ineffective utilization of light; soft light, no glare, will not cause eye fatigue of workers, improve working efficiency.

Professional Light Distribution

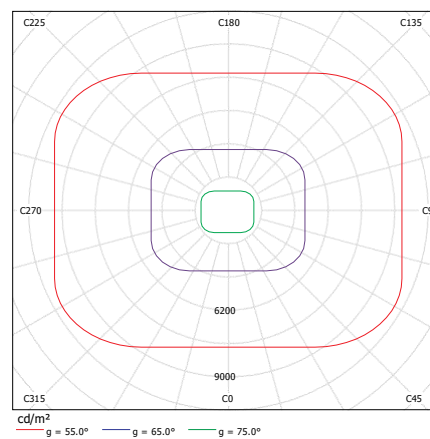
Light Distribution Pattern (220W)



Light intensity curve



Plane illuminance curve



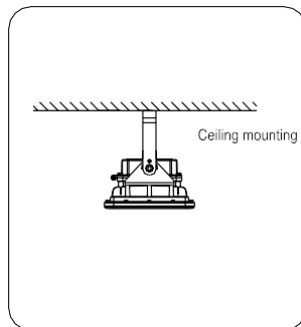
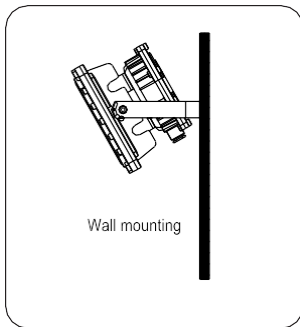
Mounting methods

James Explosion proof light can be surface and pendant mounted by bringing down a rigid conduit to the light fixture.

Mounting Option Notes:

Pendant mounting option requires conduit be supplied by the installer.

Rectangle luminaires mounting



Applications

This luminaire can be used as spot light, down light and tunnel light which can provide general illumination in hazardous locations, such as:

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- Gas stations
- Painting manufacture workshop
- Pumping stations
- Metal Smelting Plant
- Mining
- Ocean platform
- Aerospace
- Chemical plant
- Vessels
- Military
- Flourmill
- Distilleries
- Power station
- Other high humidity, high temperature, dusty locations...

Features

- High efficacy: up to 140lm/W
- CRI>80
- Surface mounting and pendant installations
- Wide and narrow optics for uniform illumination
- Copper free aluminum
- High vibration resistance

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- NEMA 4X, IP66
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Class II,Division 1,Groups E,F,G
Class II,Division 2,Groups E,F,G
Class III
- Marine and Wet Locations
- IECEX
- ATEX
- 5-10 years warranty
- L70 rating for more than 150000 hours



E Series



Typical model specification

Product Number	Wattage	CCT	Voltage	Lumens	Working Hours	CRI
EX-40W EYZD	40	4000K-5700K	AC100-277V or AC180-480V	5600	10 years	80
EX-50W EYZD	50	4000K-5700K	AC100-277V or AC180-480V	7500	10 years	80
EX-60W EYZD	60	4000K-5700K	AC100-277V or AC180-480V	8400	10 years	80
EX-65W EYZD	65	4000K-5700K	AC180-480V	9000	10 years	80
EX-70W EYZD	70	4000K-5700K	AC100-277V	10500	10 years	80
EX-80W EYZD	80	4000K-5700K	AC100-277V	11200	10 years	80
EX-90W EYZD	90	4000K-5700K	AC100-277V	13500	10 years	80
EX-100W EYZD	100	4000K-5700K	AC100-277V	14000	10 years	80
EX-110W EYZD	110	4000K-5700K	AC100-277V	16500	10 years	80
EX-120W EYZD	120	4000K-5700K	AC100-277V	16800	10 years	80
EX-130W EYZD	130	4000K-5700K	AC100-277V	18200	10 years	80
EX-140W EYZD	140	4000K-5700K	AC100-277V	19600	10 years	80
EX-150W EYZD	150	4000K-5700K	AC100-277V	21000	10 years	80

"E"=Product series

"Y"=D or N:Dimmable or non-dimmable

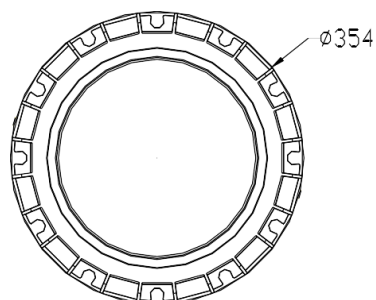
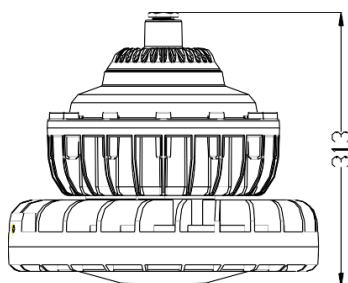
"Z"= CCT, from 4000~5700K

"D"=Beam angle:60°,90°,110°,140°

Mechanical information

	Size(in)
AC100-277V models	ø 14x12.3"
AC200-480V models	ø 14x12.3"

Structure diagram



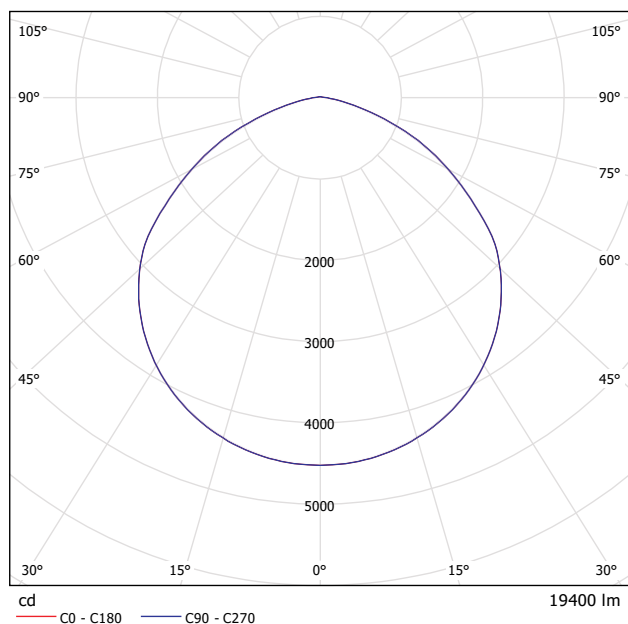


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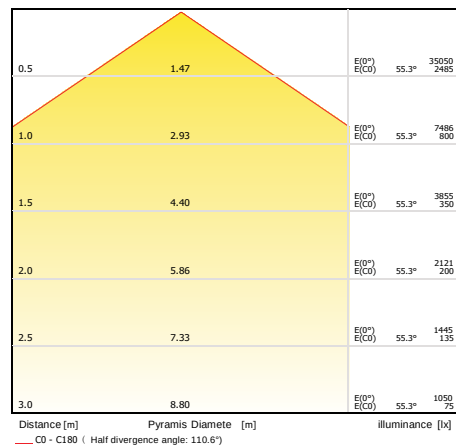
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Professional Light Distribution

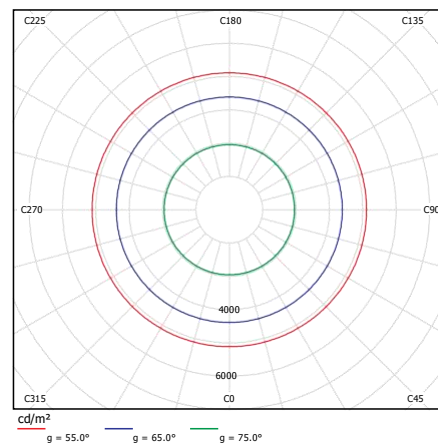
Light Distribution Pattern (150W)



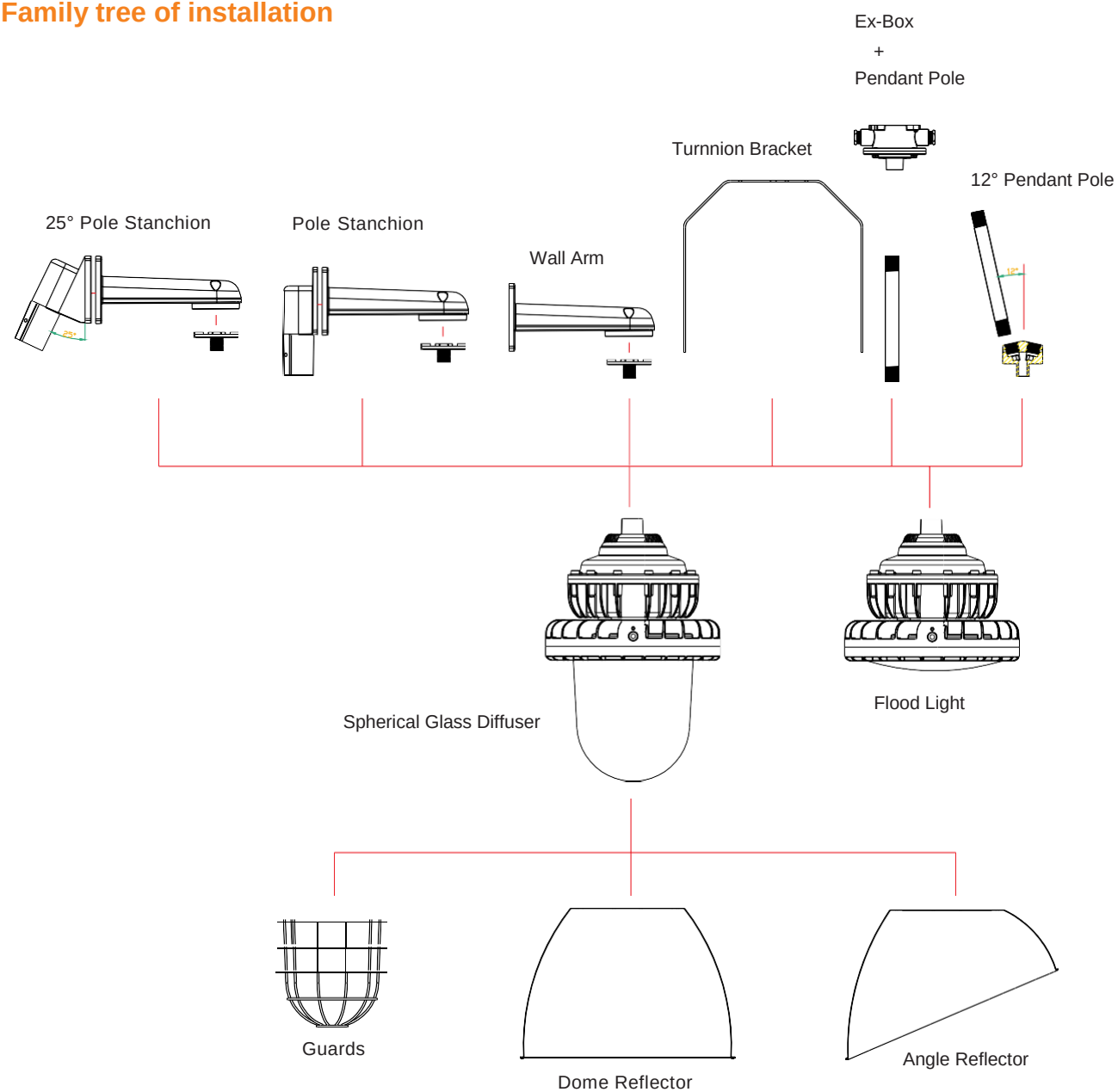
Light intensity curve



Plane illuminance curve



Family tree of installation



Adaptor	Conduit	Catalog No.
25° Pole Stanchion	3/4" or 1" NPT	25DPS
Pole Stanchion	3/4" or 1" NPT	PS
Wall Arm	3/4" or 1" NPT	WA
Turnnion Bracket	Expand Screw	TB
Pendant Pole	Use Ex-Box	PP
12° Pendant Pole	3/4" or 1" NPT	12DPP
Ex-Box	3/4" NPT	EB

Applications

This luminaire can be used as spot light, down light and tunnel light which can provide general illumination in hazardous locations, such as:

- Refinery factory
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- CRI>80
- Surface mounting and pendant installations
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- Copper free aluminum
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Ratings and Certifications

- NEMA 4X, IP66
- UL1598/UL1589A/UL844 CSA
- C22.2 No.137/No.250.0
Class I,Division 1,Groups C,D
Class II,Division 1,Groups E,F,G
Class II,Division 2,Groups E,F,G
Class III
- Marine and Wet Locations
- IECEX
- ATEX
- 5-10 years warranty
- L70 rating for more than 150000 hours





Typical model specification

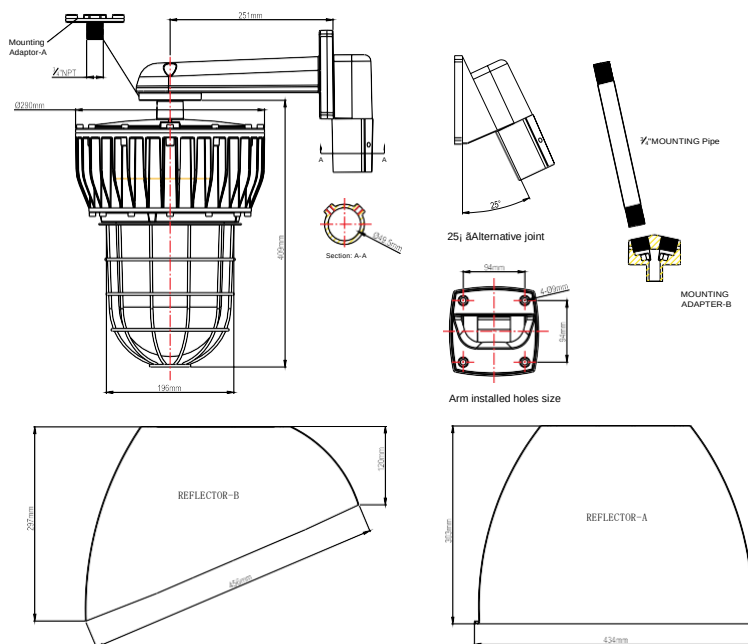
Product Number	Wattage	CCT	Voltage	Lumens	Working Hours	CRI
EX-40W FYZD	40	4000K-5700K	AC100-277V or AC180-480V	5600	10 years	80
EX-50W FYZD	50	4000K-5700K	AC100-277V or AC180-480V	7000	10 years	80
EX-60W FYZD	60	4000K-5700K	AC100-277V or AC180-480V	8400	10 years	80
EX-70W FYZD	70	4000K-5700K	AC100-277V or AC180-480V	9800	10 years	80
EX-80W FYZD	80	4000K-5700K	AC100-277V or AC180-480V	11200	10 years	80

“F”=Product series “Y”=D or N:Dimmable or non-dimmable “Z”= CCT, from 4000~5700K “D”=Beam angle:60°,80°,90°,100°,110°,120°,140°

Mechanical information

	Size(in)
AC100-277V models	11.5"x11.5"x16.1"
AC200-480V models	11.5"x11.5"x16.1"

Structure diagram

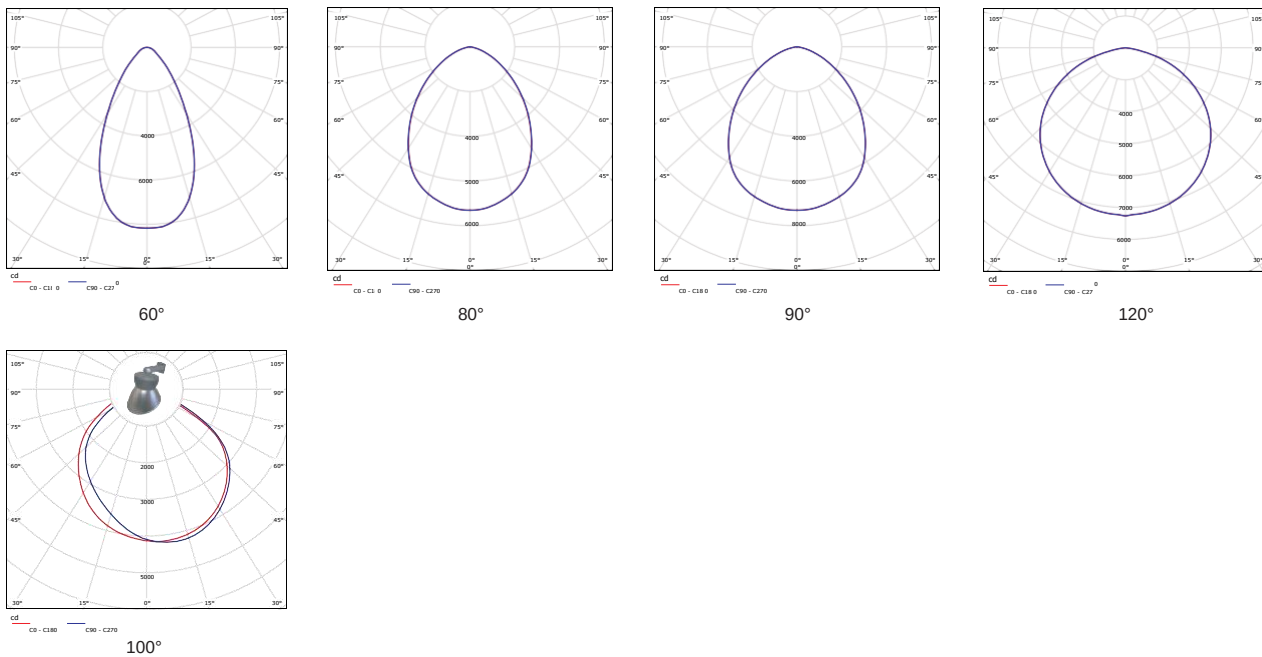


Safe.
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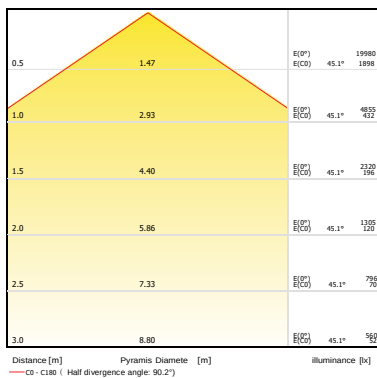
The unique light distribution design, light type and angle precision control of the LED light source, to avoid light pollution and ineffective utilization of light; soft light, no glare, will not cause eye fatigue of workers, improve working efficiency.

Professional Light Distribution

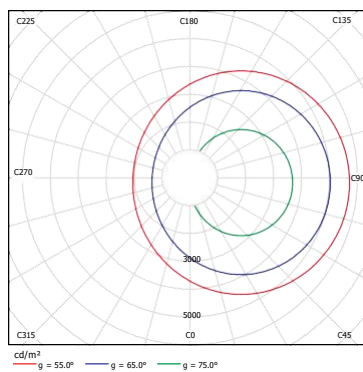
Light Distribution Pattern



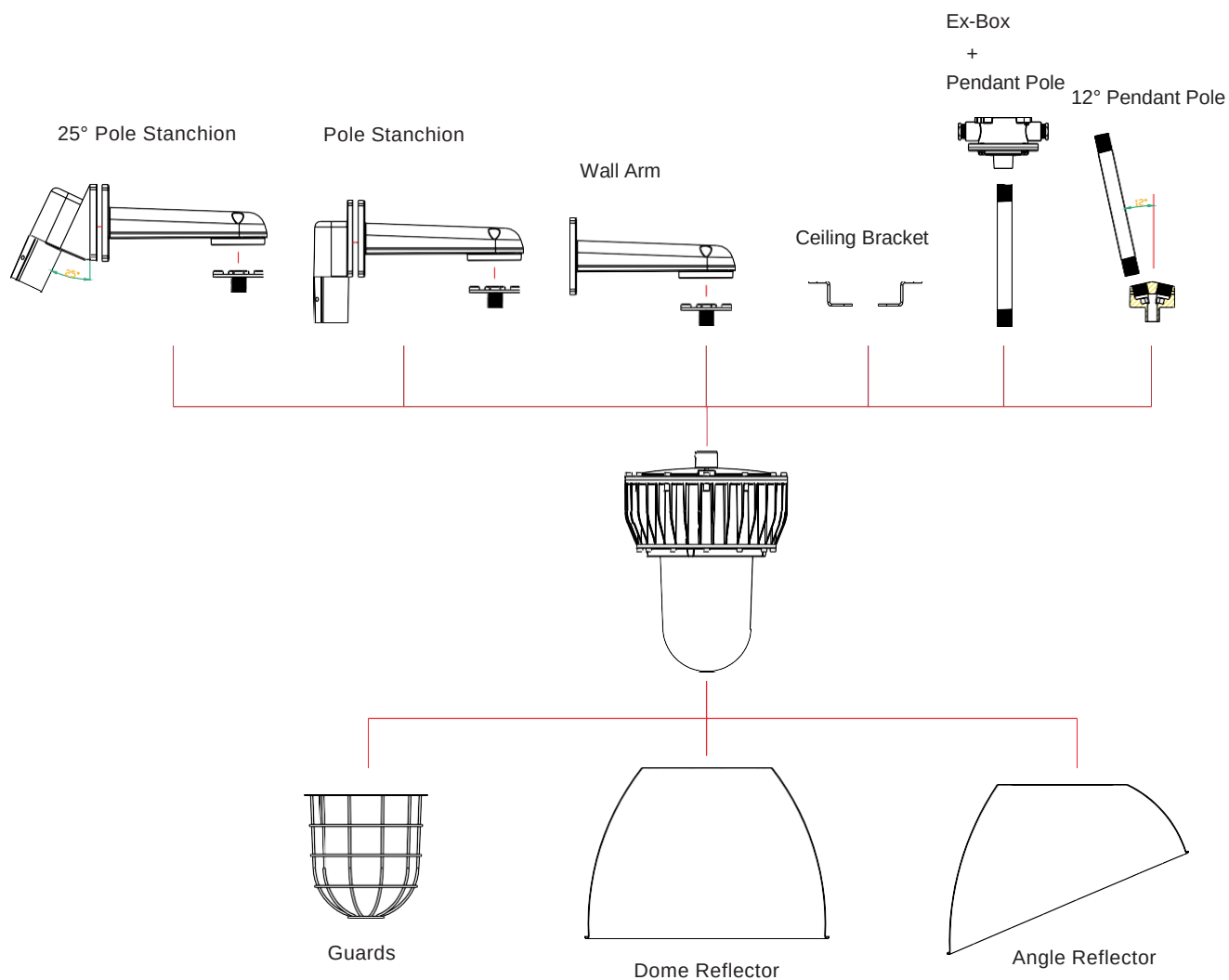
Light intensity curve



Plane illuminance curve



Family tree of installation



Adaptor	Conduit	Catalog No.
25° Pole Stanchion	3/4" or 1" NPT	25DPS
Pole Stanchion	3/4" or 1" NPT	PS
Wall Arm	3/4" or 1" NPT	WA
Ceiling Bracket	Expand Screw	CB
Pendant Pole	Use Ex-Box	PP
12° Pendant Pole	3/4" or 1" NPT	12DPP
Ex-Box	3/4" NPT	EB



G Series

Applications

This luminaire can be used as spot light, down light and tunnel light which can provide general illumination in hazardous locations, such as:

- Refinery factory
- Oil and gasoline loading docks
- Gas stations
- Painting manufacture workshop
- Pumping stations
- Metal Smelting Plant
- Mining
- Ocean platform
- Aerospace
- Chemical plant
- Vessels
- Military
- Flourmill
- Distilleries
- Power station
- Other high humidity, high temperature, dusty locations

Features

- High efficacy: up to 140lm/W
- CRI>80
- Surface mounting and pendant installations
- Wide and narrow optics for uniform illumination
- Copper free aluminum
- High vibration resistance

Ratings and Certifications

- NEMA 4X, IP66
- UL1598/UL1589A/UL844 CSA
- C22.2 No.137/No.250.0
Class I,Division 1,Groups C,D
Class II,Division 1,Groups E,F,G
Class II,Division 2,Groups E,F,G
Class III
- Marine and Wet Locations
- IECEX
- ATEX
- 5-10 years warranty
- L70 rating for more than 150000 hours





Typical model specification

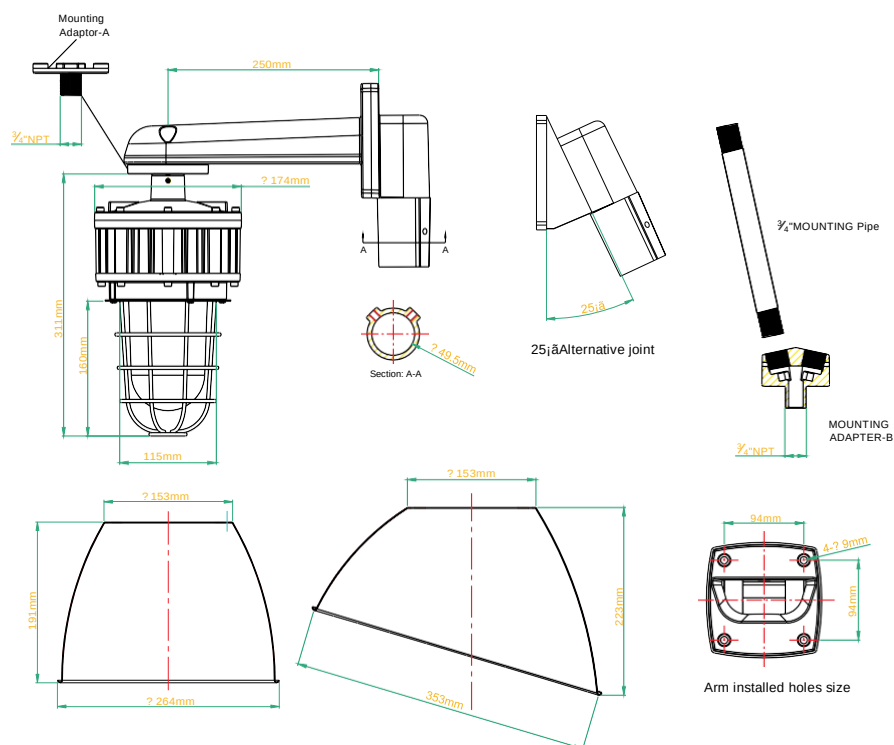
Product Number	Wattage	Color	Voltage	Lumens	Working Hours	CRI
EX-10W GYZD	10	4000K-5700K	AC90-264V	1400	10 years	80
EX-15W GYZD	15	4000K-5700K	AC100-277V	2100	10 years	80
EX-20W GYZD	20	4000K-5700K	AC100-277V	2800	10 years	80
EX-25W GYZD	25	4000K-5700K	AC100-277V	3500	10 years	80
EX-30W GYZD	30	4000K-5700K	AC100-277V	4200	10 years	80
EX-35W GYZD	35	4000K-5700K	AC100-277V	4900	10 years	80
EX-40W GYZD	40	4000K-5700K	AC100-277V	5600	10 years	80

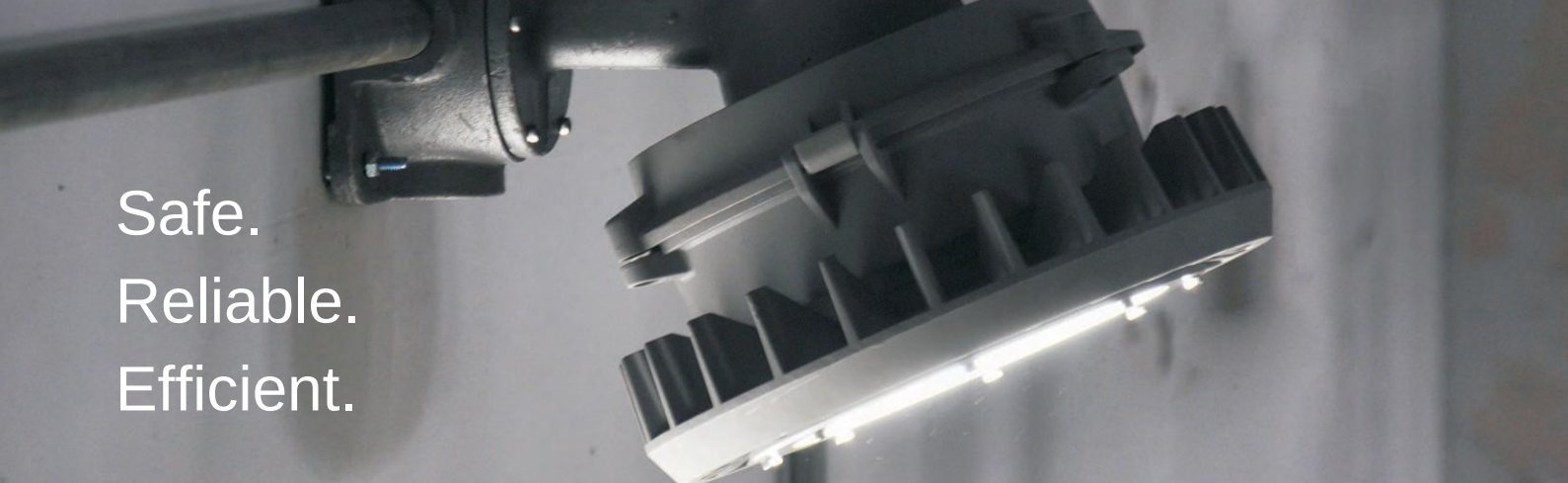
"G"=Product series "Y"=D or N:Dimmable or non-dimmable "Z"= CCT, from 4000~5700K "D"=Beam angle:60°,80°,90°,100°,110°,120°,140°

Mechanical information

	Size(in)
AC100-277V models	6.8"x6.8"x16.1"
AC200-480V models	6.8"x6.8"x16.1"

Structure diagram



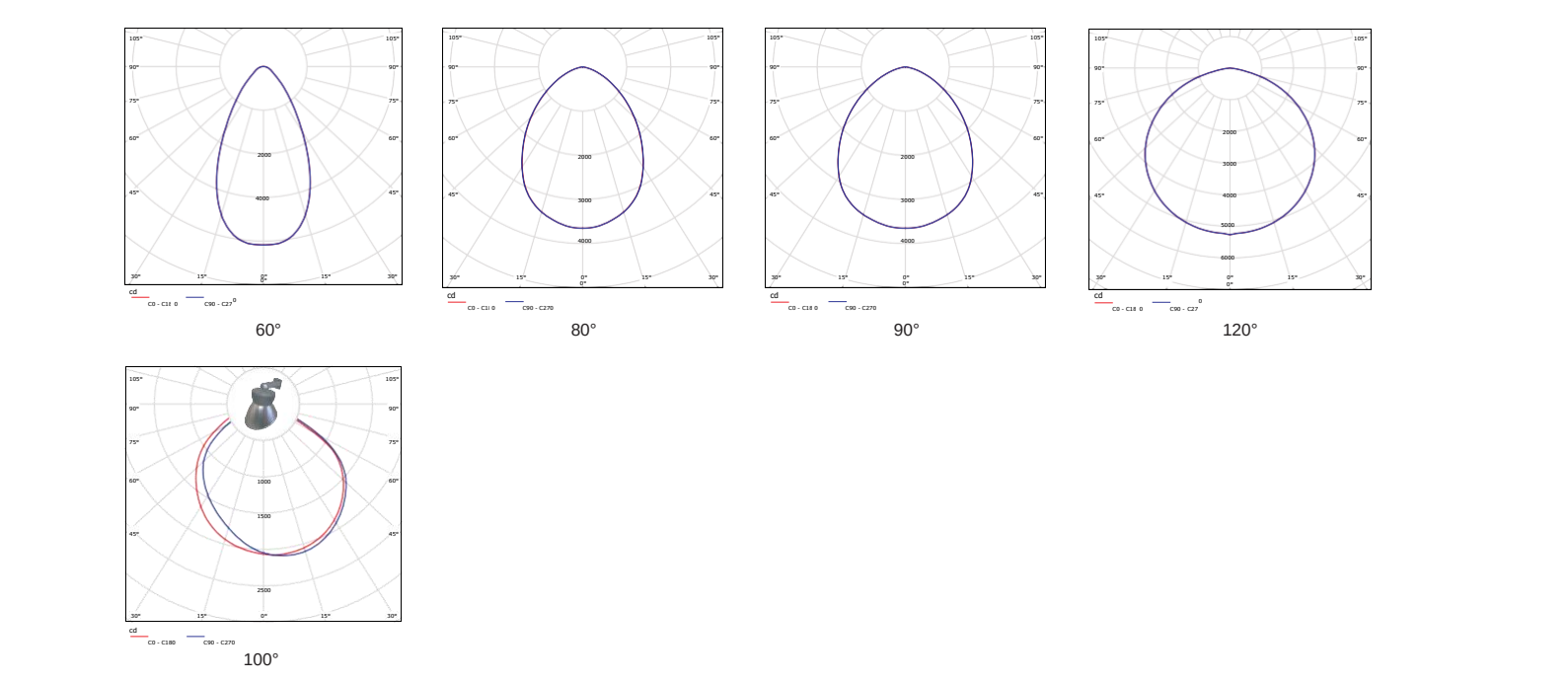


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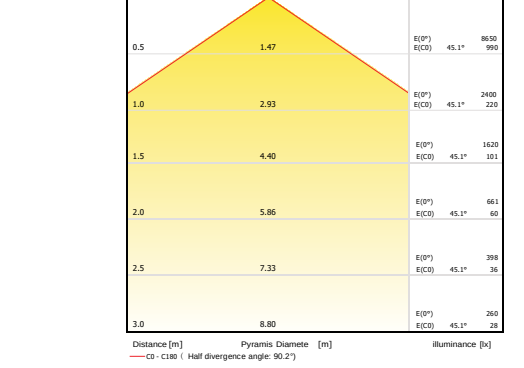
The unique light distribution design, light type and angle precision control of the LED light source, to avoid light pollution and ineffective utilization of light; soft light, no glare, will not cause eye fatigue of workers, improve working efficiency.

Professional Light Distribution

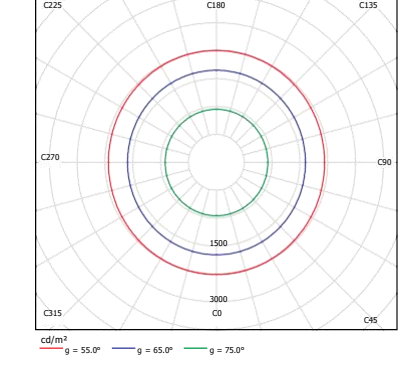
Light Distribution Pattern



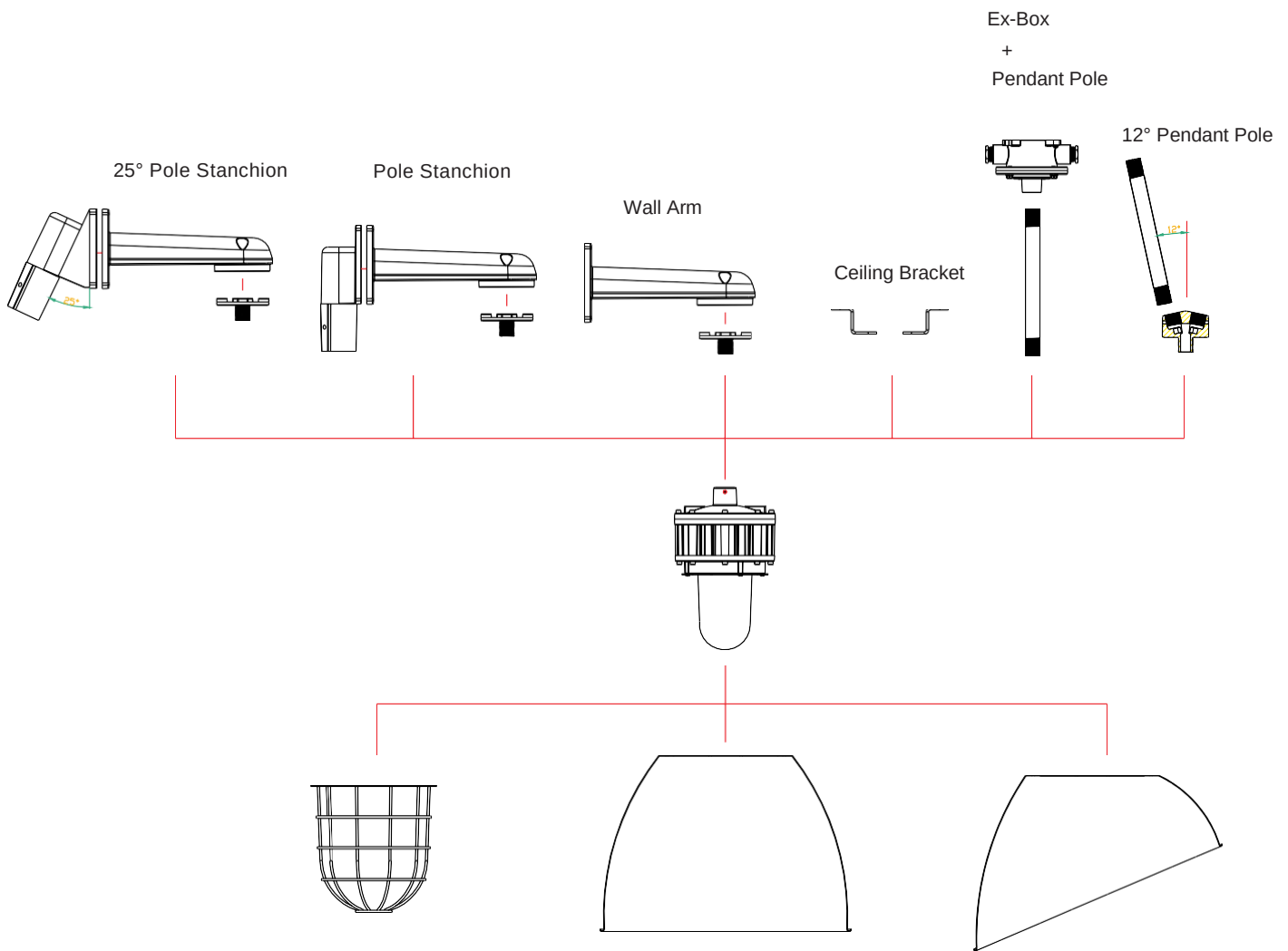
Light intensity curve



Plane illuminance curve



Family tree of installation

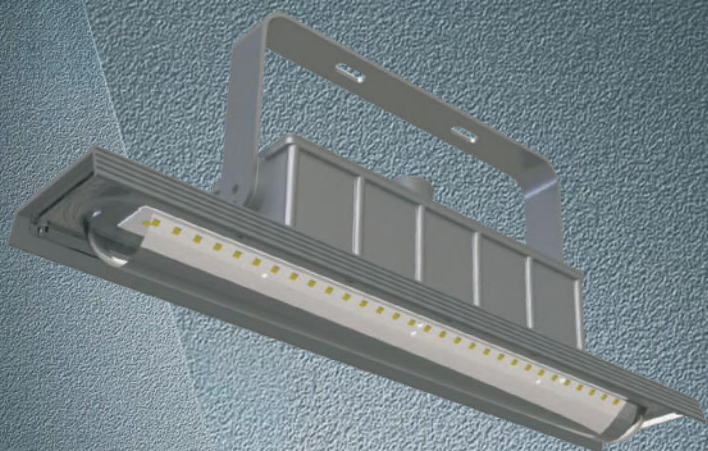


Adaptor	Conduit	Catalog No.
25° Pole Stanchion	3/4" or 1" NPT	25DPS
Pole Stanchion	3/4" or 1" NPT	PS
Wall Arm	3/4" or 1" NPT	WA
Ceiling Bracket	Expand Screw	CB
Pendant Pole	Use Ex-Box	PP
12° Pendant Pole	3/4" or 1" NPT	12DPP
Ex-Box	3/4" NPT	EB

Applications

This luminaire can be used as spot light, down light and tunnel light which can provide general illumination in hazardous locations, such as:

- Refinery factory
- Oil and gasoline loading docks
- Gas stations
- Painting manufacture workshop
- Pumping stations
- Metal Smelting Plant
- Mining
- Ocean platform
- Aerospace
- Chemical plant
- Vessels
- Military
- Flourmill
- Distilleries
- Power station
- Other high humidity, high temperature, dusty locations...



H Series

Features

- High efficacy: up to 140lm/W
- CRI>80
- Surface mounting and pendant installations
- Wide and narrow optics for uniform illumination
- Copper free aluminum
- High vibration resistance

Ratings and Certifications

- NEMA 4X, IP66
- UL1598/UL1589A/UL844 CSA
- C22.2 No.137/No.250.0
Class I, Division 2, Groups A,B,C,D
Class II, Division 1, Groups E,F,G
Class II, Division 2, Groups E,F,G
Class III
(including both 2 feet and 4 feet)
- Marine and Wet Locations
- IECEX
- ATEX
- 5-10 years warranty
- L70 rating for more than 150000 hours



Typical model specification

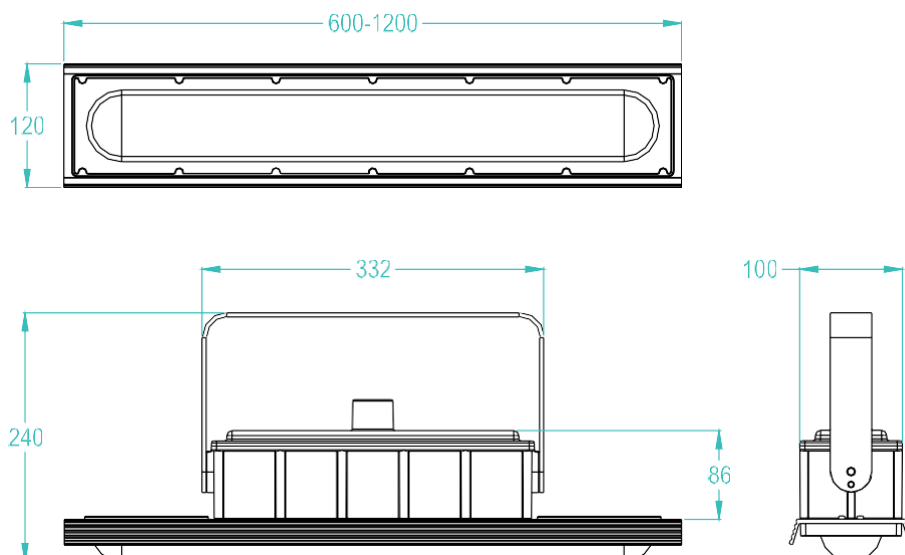
Product Number	Wattage	Color	Voltage	Lumens	Working Hours	CRI
EX-10W HYZD	10	4000K-5700K	AC100-277V	1300	10 years	80
EX-15W HYZD	15	4000K-5700K	AC100-277V	1950	10 years	80
EX-20W HYZD	20	4000K-5700K	AC100-277V	2800	10 years	80
EX-25W HYZD	25	4000K-5700K	AC100-277V	3500	10 years	80
EX-30W HYZD	30	4000K-5700K	AC100-277V or AC180-480V	4200	10 years	80
EX-35W HYZD	35	4000K-5700K	AC100-277V or AC180-480V	4900	10 years	80
EX-40W HYZD	40	4000K-5700K	AC100-277V or AC180-480V	5600	10 years	80
EX-45W HYZD	45	4000K-5700K	AC100-277V or AC180-480V	6300	10 years	80
EX-50W HYZD	50	4000K-5700K	AC100-277V or AC180-480V	7000	10 years	80
EX-55W HYZD	55	4000K-5700K	AC100-277V or AC180-480V	7700	10 years	80
EX-60W HYZD	60	4000K-5700K	AC100-277V or AC180-480V	8400	10 years	80

"H"=Product series "Y"=D or N:Dimmable or non-dimmable "Z"= CCT, from 4000~5700K "D"=Beam angle:60°,80°,90°,100°,110°,120°

Mechanical information

	2ft Size(in)	4ft Size(in)
AC100-277V models	24"x4.7"x9.5"	47"x4.7"x9.5"
AC200-480V models	24"x4.7"x9.5"	47"x4.7"x9.5"

Structure diagram

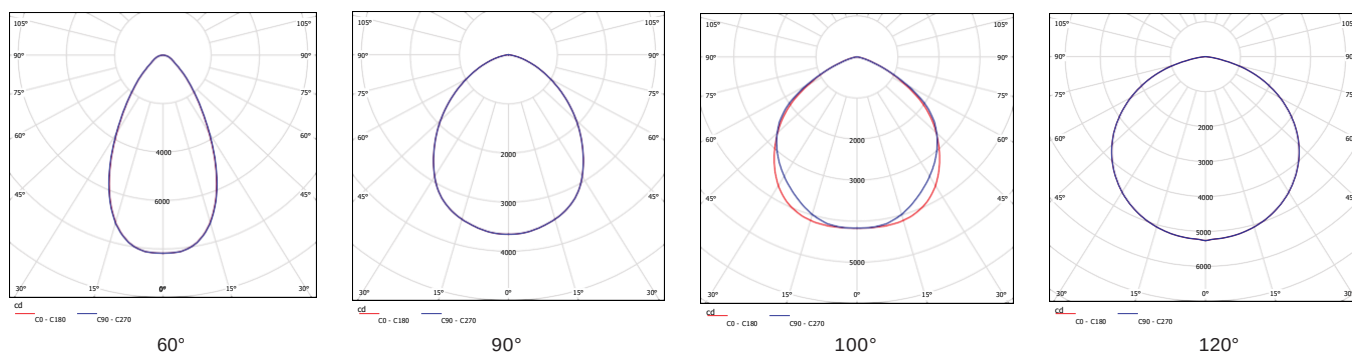


Safe. Reliable. Efficient.

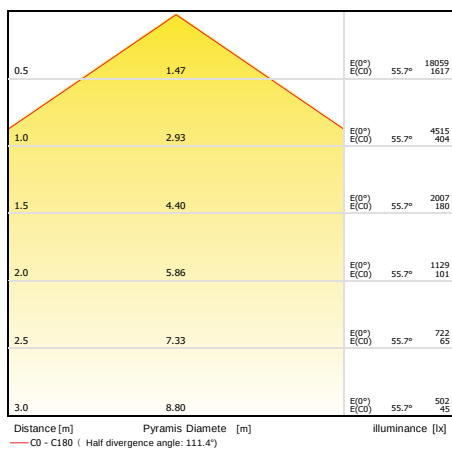
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Professional Light Distribution

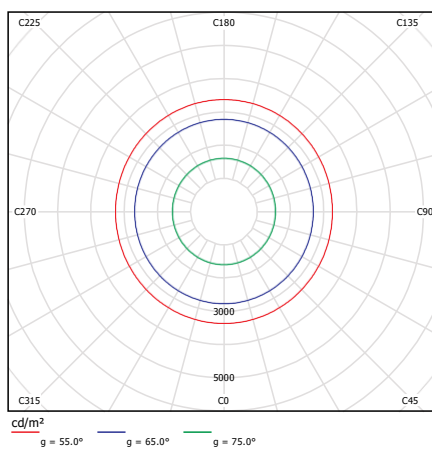
Light Distribution Pattern



Light intensity curve



Plane illuminance curve



Mounting methods

James Explosion proof light can be surface and pendant mounted by bringing down a rigid conduit to the light fixture.

Mounting Option Notes:

Pendant mounting option requires conduit be supplied by the installer.

Rectangle luminaires mounting

