A LED

Specifications - Newark LED flood lighting for hazardous locations

Electrical Information

Power Consumption(±5%)	150W	200W	240W
Power Supply	MOSO/INVENTRONICS		
Input Voltage	100-277Vac, 50 / 60 Hz		
Power Factor	>0.90		
Surge Protection	10kV line-line, 10kV line-earth		
Driver Type	Constant Current (CC)		
Control	/		

Optic Information

LED Type	LED 3030		
Luminous Flux (±10%)	22500lm	30000lm	36000lm
Efficacy(5000K Ra70)	150lm/W		
Correlated Color Temperature	5000K (2000K,2200K,2500K,2700K,3000K,3500K,4000K,4500K,5700K,6500K optional)/Red,Green.Blue,Amber		
Color Rendering Index	Ra70/Ra80/Ra90		
Beam Angle	F01601/F01602/F01603/F01604/F01605/F01606 F01608/F01609/F01610/F01611/F01612/F01613		
UGR level			

Dimentions and Mount

Product Dimension	567x473x174mm (22.32" x18.62"x6.86")
Luminaire Net Weight	13±0.3kg(28.6±0.66Lbs)
Export Carton Size	680x530x160mm(26.77"x20.87"x6.30")
Gross Weight	14.5±0.3kg(31.9±0.66Lbs)
Mounting Option	Bracket mounting
Material	Aluminum Alloy (less than .4% copper content)
	Polycarbonate Optical Lens
Finish	Powder Coating
Fixture Color	Silver (RAL9007)
EPA	0.19m^2 (2 ft^2)
IK Rating	IK08
IP Rating	IP66

Lifespan and Warranty

Operating Temperature	-40°C to + 65°C	-40°C to + 55°C	-40°C to + 50°C
Life Time of LED @Ta=25°C	32000hrs-L90		
	152000hrs-L80		
	244000hrs-L70		
Warranty	5 Years		

Description

Newark is a certified LED flood lighting for hazardous locations, designed "Iron man" face appearance, pretty and robust.The excellent photoelectric parameters, makes it ideal solutions for a wide range of harsh and hazardous applications.

Key Features

• Three wattages,150W,200W,240W, efficiency up to 150lm/w,lumen packages from 22500lm to 36000lm.
• Warm White-Cool White color(2000K-6500K) and colored LED R/G/B/AMBER optional.
• Diversified light distributions to meet various different applications.
• Double cable entry holes are available, can realize the interconnection of fixtures, easy mount.
• Equipped with low copper aluminum alloy body and special powder coating, as well as stainless steel components and hot-dip galvanized, all those anti-corrosion aspects make it suitable for marine environments for over 10 years.
• LED chips are separated from the driver cavity, ensures good heat dissipation and longer service life.
• The body adopts special design, avoid water being accumulated, easy clean and well heat performance.
• Cover on driverbox is designed anti-dislodging.
• Well sealed with special structure and materials.
• Easy wiring with self-locking spring terminals.
• Built-in 10kV surge protection.
• IP66 & IK08 double protection.
•The max. operating ambient temperature range:-40°C to 65°C.
• Visor and wire guard optional.

• Power Plants
• Heavy Industrials Storage Facility
• Paper Mills Wastewater Treatment
• Plants Loading Docks
• Shipyards
• Chemical Processing Facility

Certifications and Compliances
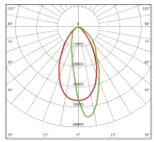
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Ex tb IIIC T80℃/95℃ Db IP66

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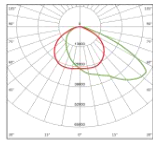II 3G Ex nR IIC T6/T5 Gc
II 2D Ex tb IIIC T80℃/95℃ Db IP66

IECEx Certificate: IECEx TUR 21.0032X
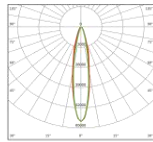ATEX Certificate(Gas) : TÜV 22 ATEX 8787X
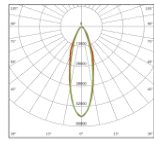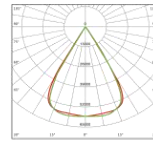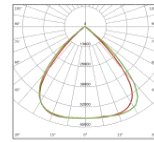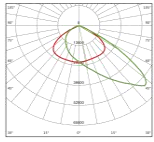ATEX Certificate(Dust): TÜV 21 ATEX 8702X
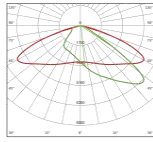
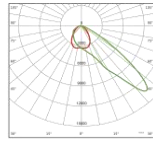   * *Please consult us for details.*
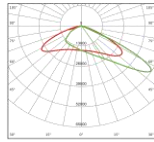
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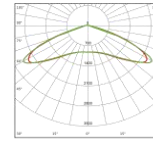F01601 F01602 F01603 F01604 F01605 F01606
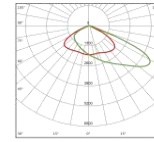
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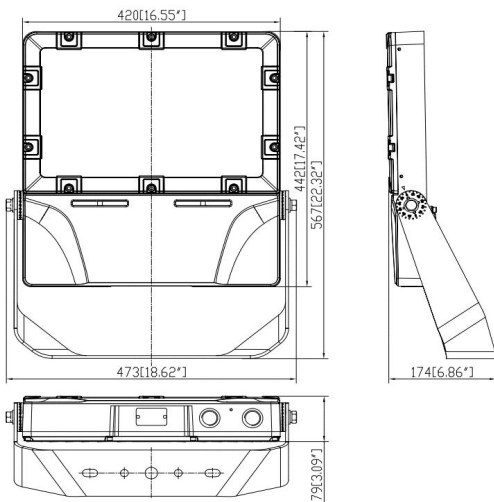
Mounting Options

Bracket mounting

Dimensions

Unit: mm

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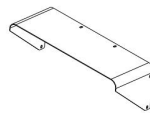442[17.42"]
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Accessories

Wire Guard
Wire Guard 432*233*36mm
Surface Treatment: Nickel Plating
Color: Nickel Color

Code: BC-HA04-01

Glare Shield
Glare Shield 425*152*150mm
Surface Treatment: Spraying Outdoor
Powder
Color: Silver Gray