



Mercury FL

Series

Robust industrial floodlight LED for potentially explosive environments. Zone I and II hazardous areas, zone 20, zone 21, zone 22 and IIA, IIB, IIC explosive gas atmosphere.

The MERCURY FL is suitable for environments with a risk of explosion of gas, dust and flammable vapors. Equipped with high-quality and energy-efficient LEDs in a heavy duty body and a specially designed driver to guarantee safety and a long lifespan.

Applied to: oil fields, oil refineries, offshore oil platform, power plants, gas stations, oil tanks, pumping stations and military bases. If safety and reliability are your priorities, then this is the product of choice. The MERCURY FL is one of the highest-quality fixtures in its price range.

Mercury FL

Explosion Proof

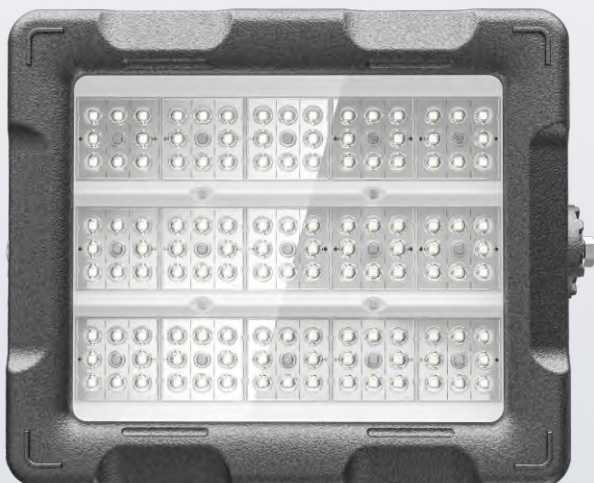
Gas & dust proof
Zone 1,21 & zone 2,22
High bright 150lm/w



IECEX



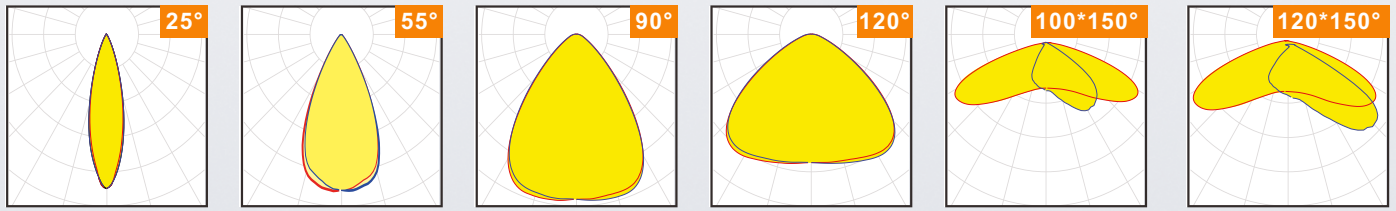
**II 2G Ex db mb IIB T4 Gb
II 2D Ex tb IIIC T(95°C) Db**



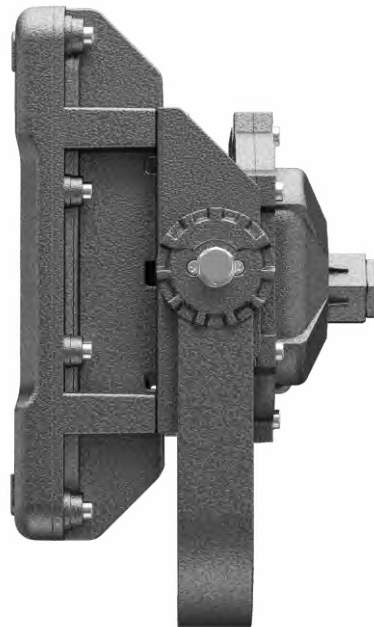
150LM/W

Driver: Meanwell
LED: Cree

Various optics:



Precise Angle Rotation



IP66 Waterproof
6KV/10KV Surge Protection
Akzo Nobel coating, heavy duty corrosion proof





Chemical industry
 Oil and natural gas extraction
 Petrol station
 Offshore
 Marine sector



Tank vehicle
 Shipyard
 Power plant
 Refinery
 Rescue service
 Aviation



Sugar refinery
 Grain and feed industry
 Fertiliser industry
 Flour milling
 Pharmaceutical industry
 Waste treatment plant
 Timber industry



Application

Zone 1 Zone 2
 Zone 21 Zone 22

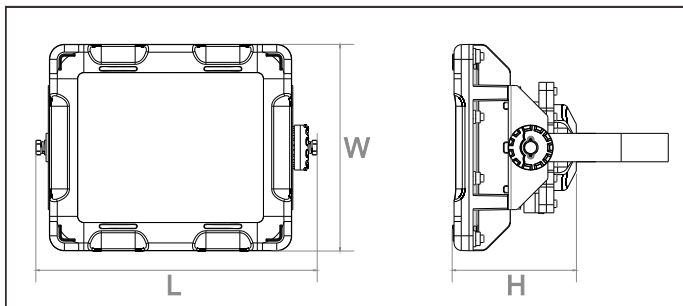
Applied to oil fields, oil refineries, offshore oil platform, power plants, gas stations, oil tanks, wharf, tunnel, pumping station, substation, the military base, etc. Zone I and Zone II Hazardous Locations, Zone 20, Zone 21, Zone 22 and II A, IIB, IIC explosive gas atmosphere.



Ex II 2G Ex db mb IIB T4 Gb
II 2D Ex tb IIIC T1 (95°C) Db

Features

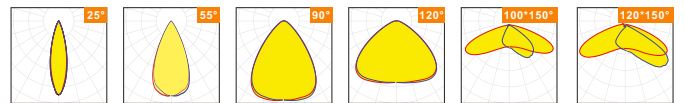
Housing: Pure Aluminum
 Thermal Conductivity: 226 W/m·K
 Led: Cree 3030
 CRI: Ra>70
 SDCM: <6
 Power Factor: >0.95
 THD: <15
 Driver: Meanwell
 Driver Efficiency: >93%
 Protection: OTP, OCP, OVP, SCP
 Surge Protection: 6KV
 Waterproof: IP66
 Impact Test: IK08
 Electrical: 100-277V, 50/60Hz
 Operating Temperature: -40~60°C
 TM21: L90B10>50,000H
 Lifetime: 50,000H



Optional functions:

ZigBee ,DMX DALI 0/1~10V

Optical options:



150lm/w

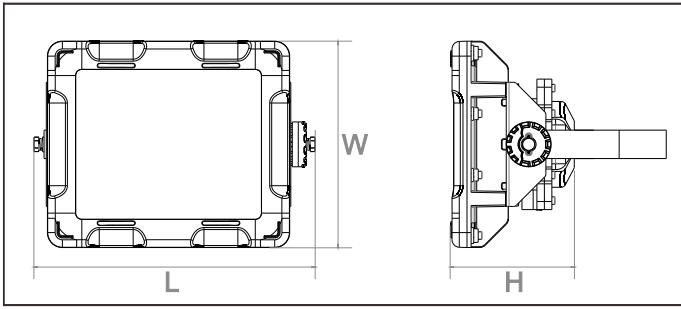
5 YEARS WARRANTY

Meanwell Driver

Cree LED

Model	Watt	Voltage	Lumen	CRI	IP	Dimension
U-EX25-M-FL-25	25W	100~277V	3750LM	>70	IP66	374*276*171
U-EX50-M-FL-50	50W	100~277V	7500LM	>70	IP66	374*276*171
U-EX70-M-FL-70	70W	100~277V	10500LM	>70	IP66	374*276*171
U-EX100-M-FL-100	100W	100~277V	15000LM	>70	IP66	374*276*171
U-EX150-M-FL-150	150W	100~277V	21000LM	>70	IP66	374*276*171
U-EX200-M-FL-200	200W	100~277V	28000LM	>70	IP66	374*276*171

Packing



Fixture

Model	Dimension (mm)	Outer Carton(mm)			QTY / Outer CTN	Luminaire	
		L	W	H		NW(kg)	GW(kg)
U-EX25-M-FL-25	374*276*171	435	415	270	1	9.70	10.50
U-EX50-M-FL-50	374*276*171	435	415	270	1	9.70	10.50
U-EX70-M-FL-70	374*276*171	435	415	270	1	9.70	10.50
U-EX100-M-FL-100	374*276*171	435	415	270	1	9.70	10.50
U-EX150-M-FL-150	374*276*171	435	415	270	1	9.70	10.50
U-EX200-M-FL-200	374*276*171	435	415	270	1	9.70	10.50