

Explosion-proof Light Series



LT-FB-EPTL01



LT-FB-EPTL02



LT-FB-04-30/40



LT-FB-EPL01



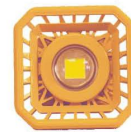
LT-FB-EPLA01



LT-FB-EPLB01



LT-FB-EPL03



LT-FB-EPL05

FEATURES AND SPECIFICATIONS

Application

Special lighting applied to oil fields, oil refineries, offshore oil platform, power plants, gas stations, oil tanks, wharf, tunnel, pumping station, substation, military base, etc. Zone I and Zone II hazardous locations, Zone 20, 21, 22 and II A, II B, II C explosive gas atmosphere.

2700K-4500K/5000K-6500K

60°/90°/120°/140°(elect)

AC90-300V 50/60Hz

90-100lm/w

CRI >70

Lifespan >50000h

Work Temp -40~60℃

Product Parameters

Model	LT-FB-EPTL01	LT-FB-EPTL02
Rated Power	20/30/40/50/60W	20/40/60W
Ex mark	Ex dnAIIIB T6 Gc/DIP A20 TA,T6	Ex embIIC T6 Gc
IP Grade	IP66	IP65
Corrosion-proof	WF2	

Grade		
Input Voltage	AC110/220V(applied to 90~305v)/DC24V, 50/60HZ	
Beam Angle	120°	
Actual Luminous Efficiency	90-100lm/w(LED itself:130lm/W)	
Color Temperature	Warm white:2700~4500K/Pure white 5000~6500K	
CRI	>70	
Power Factor	>0.9	
Ambient Temperature	-40~60°C	
Lifetime	>50,000hrs	
Material	Aluminum alloy & PC	
Dimension	850×136×91.5mm (20/30W) 1295×136×91.5mm(40/50/60W)	708mm/1315mm
Net Weight	4.5×6.9Kg	3.0/5.5Kg

Model	LT-FB-EPLA01	LT-FB-EPLB01
Rated power	12W	18W
Ex mark	Ex dIBLC T6	Ex dIBLC T6 Gb
IP Grade	IP68	
Corrosion -proof Grade	WF2	
Rated Capacity	5Ah	
Rated Voltage	14.4V	21.6V
Working current	280mA (work light) /680mA (strong light)	
Flux	380lm (work light)/ 920lm (strong light)	480lm (work light)/ 1100lm (strong light)
Work time	10h (work light) /4h (strong light)	
Charging time	8h (slow charging) /3h (quick charging)	
Battery Cycle time	500times	
Packing size	275×185×230mm	415×235×245mm
Net weight	1.2kg	2.4kg

Model	LT-FB-EPL01	LT-FB-EPL03	LT-FB-EPL05
Rated Power	15/20/25/30W	60/80/100/120W	20/30/40/50W
Ex mark	Ex dIIC T6 Gb	Ex dIIB T5 Gb/ExtIIIC T95°C Db	Ex dIIB T6 Gb/ExtIIIC T80°C Db
IP Grade	IP67	IP66	
Corrosion-proof Grade	WF2		
Input Voltage	AC110/220V(applied to 90~305v) 50/60HZ		
Beam Angle	140°/120°	60°/90°/120°/140°	60°/90°/120°/140°
Actual Luminous Efficiency	90-100lm/w(LED itself:130lm/W)		
Color Temperature	Warm white:2700~4500K/Pure white 5000~6500K		

CRI	>70		
Power Factor	>0.9		
Ambient Temperature	-40~60°C		
Lifetime	>50,000hrs		
Dimension	195×195×204mm	300×300×226mm	220×2200×202mm
Net Weight	3.5Kg	6.3Kg	3.8Kg

Model	LT-FB04-30	LT-FB04-40
LED Qty	30X1W	40X1W
Color Temperature	2800K-7000K(select)	2800K-7000K(select)
Luminous Efficacy	65-100	65-100
CRI	65-85	65-85
Explosion-proof type	Mining flameproof	Mining flameproof
Input Voltage	220V	220V
Power Factor	>0.95	>0.95
Power Range	30W	40W
IP Rating	IP65	IP65
Operating Temp	-20~40°C	-20~40°C
Operating Humidity	≤95% (25°C)	≤95% (25°C)
Net Weight	3.7±0.2kg	3.7±0.2kg
Lifespan	>3 years	>3 years
Dimension(mm)	L210*W210*H290	L210*W210*H290