PRODUCT SPECIFICATION

产品规格书

Model	OHBF8197 D	Formulate	Fengze Lv
Product name	LED Fluorecent explosion proof light	Proofreading	
江苏欧辉照明灯具有限公司 Jiangsu Ouhui Lighting Co.,Ltd.		Review	
		Approve	
		Date	2019.7.24

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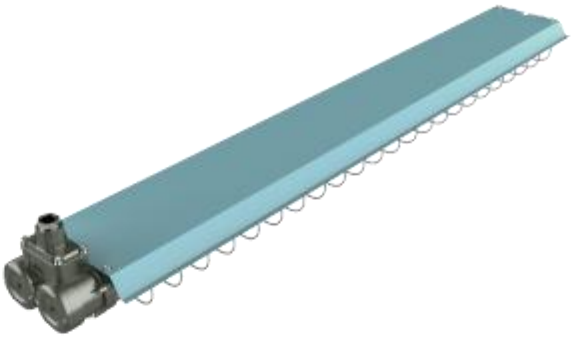
1、Picture of real products



2. Features

2.1、Application

This product is suitable for dangerous places in zones 1 and 2, explosive gas environments of Class II A, II B and II C, mixing temperature of explosive gases: T1~T5, widely used in dangerous environments such as petroleum, chemical industry, military industry, medicine, mine, working and scene lighting of dangerous places such as offshore oil platforms, oil tankers, etc.

2.2、Product Features

1、Products can work safely in various flammable and explosive places.

2、Cast aluminium alloy shell, surface spraying anti-static, corrosion-resistant, waterproof, dust-proof, can be used in high temperature, humidity and various corrosive harsh environments for a long time;

3、Transparent toughened glass protective cover, good light transmittance, impact resistance, high light flux, energy saving, environmental protection and other advantages.

4、Beautiful appearance, simple and reliable structure, easy installation; structural steel pipe or cable wiring can be;

5、Independent wiring cavity design makes wiring more convenient and fast.

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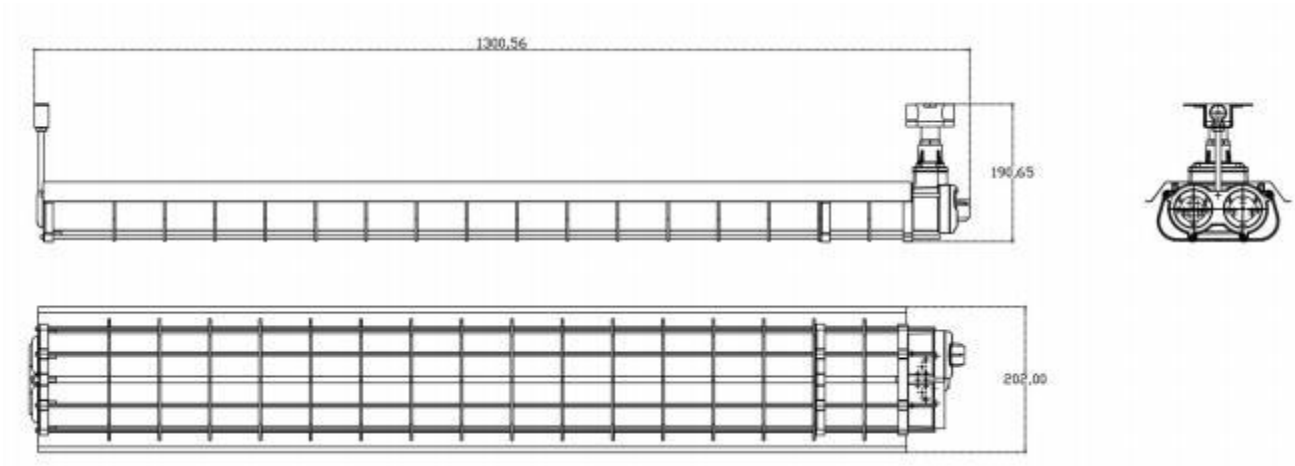
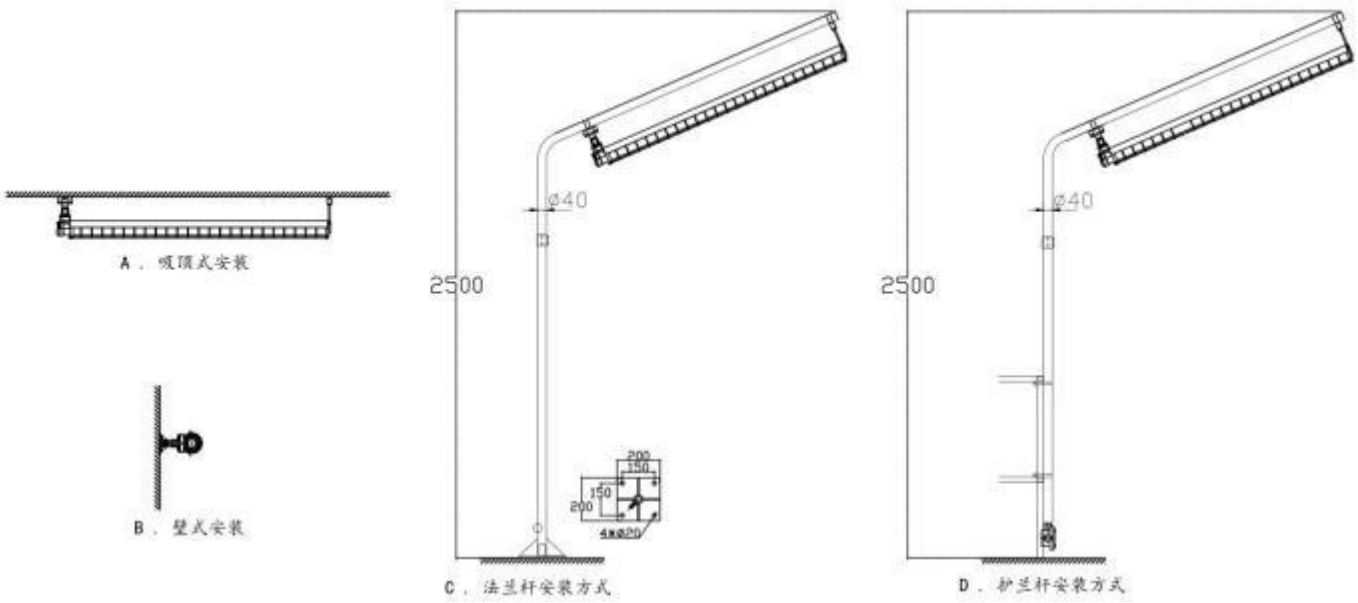
3、Product parameters

ITEM	Symbol	Description		Unit
Picture of real products				
Rated Voltage	VOLT	220		V
Power	P	2*18/2*36		W
Protection Level	IP	IP65		IP
Lighting Angle	θ	360		°
Light source specifications	/	T8 Fluorecent tube	T8 led tube	
Anticorrosion grade	/	WF2		
Explosion proof grade	/	Ex d IIC T6		
Light efficiency	η	> 90	> 120	Lm/W
Frequency	f	50/60		Hz
Power Factor	PF	> 0.95		PF
Operating Temperature	TOPR	-30~50		℃
Light Source	/	led		PCS
Correlate Color Temperature	Tc	3000K-6500		K
Color Rendering Index	CRI	≥70		RA
LED'S Operating Life	LIFE	50000		Hours
Start-up time	T	≤0.2		S
Executive standard	/	GB3836.1、GB3836.2		
Size	/	1280*202*146		mm
Weight	/	5.4		KG

4、Dimensions



5.Install



6、Caution

6.1、Schematic diagram

1. When installing and maintaining lamps and lanterns, the power supply must be disconnected first.

2. Non-professionals are not allowed to disassemble lamps and lanterns at will.

3. When used, there is a certain temperature rise on the surface of lamps and lanterns, which is a normal phenomenon; the central temperature of transparent parts is higher, so it is not allowed to touch directly with hands.

Warning:

1.Do not install directly on combustibles.

2.Replace any cracked protective screen.

3.Lamps must be grounded reliably.

6.2、Using The Matters Needing Attention

1、This product is explosion-proof and can be used in various flammable and explosive places.

2、Transport lights should be installed in the cartons equipped with foam shock absorption.

3、The power supply voltage can work normally within the prescribed range, too high the power supply voltage will damage the lamps; too low the voltage will cause the lamps can not start normally.

6.3 Quality Assurance

The company has passed ISO9001:2008 international quality system audit certification, this product strictly implements ISO9001 international quality management system standard production, to ensure that the product quality fully meets national standards and design requirements.