

WORKSHOP COMPANION

BHD5100

II 3G Ex nR IIC T6 Gc
II 3D Ex tc IIIC T80°C Dc
IP66

Zone 2 & 22
Class I, Division 2
Class II, Division 2



PCEC

ATEX
(TUV)

IECEX

CE

RoHS



WORKSHOP COMPANION is applied to Zone 2 & Zone 22, temperature class T1-T6.



Powder coated

Voltage

Wide voltage input AC100-240V

WF2

High anti-corrosion performance

PF

>0.98

Cover

Frosted PC diffuser, distributes light evenly with minimum glare and enhances

Lifetime

> 50000h

Application:



Oil fields



Oil refinery



Chemical industry



Military base



Offshore oil platform

TECHNICAL DATA:

Power: 10W/20W/40W/60W
Lifetime:> 50000h
Weight: 3.4/3.8/4.2kg

Rated Voltage: 100-240VAC
Ambient Temp: -30°C to +50°C
Protection Degree: IP66

OPTICAL DATA:

Light Source: LED
Beam Angle:100°/115°
PF >0.98

Lamp Efficiency: > 120lm/w
Color Temperature: 2700-6500k
Ra: 80

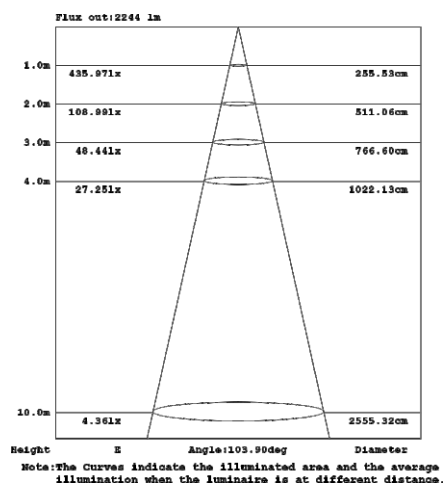
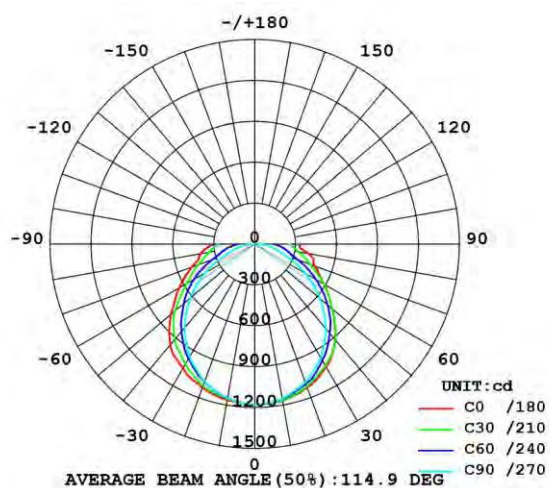
DRIVER:

LIFUD

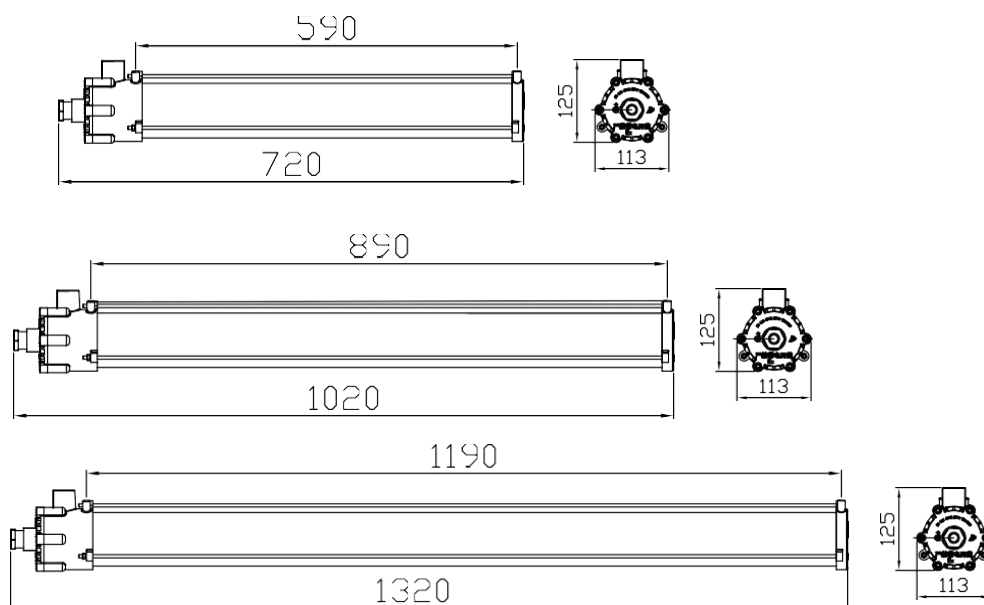
Product:

Ordering code	Rated Power	LED Quantity	Reflector	Beam Angle	Luminous Flux	Length(mm)
5106101	10	60(3030)	/	100°	1200	720
5106102	10	60(3030)	Frosted PC diffuser	100°	1200	720
5106103	20	120(3030)	/	115°	2400	720
5106104	20	120(3030)	Frosted PC diffuser	115°	2400	720
5109101	20	180(3030)	/	115°	2400	1020
5109102	20	180(3030)	Frosted PC diffuser	115°	2400	1020
5109103	40	270(3030)	/	115°	4800	1020
5109104	40	270(3030)	Frosted PC diffuser	115°	4800	1020
5112101	40	240(3030)	/	115°	4800	1320
5112102	40	240(3030)	Frosted PC diffuser	115°	4800	1320
5112103	60	360(3030)	/	115°	7200	1320
5112104	60	360(3030)	Frosted PC diffuser	115°	7200	1320

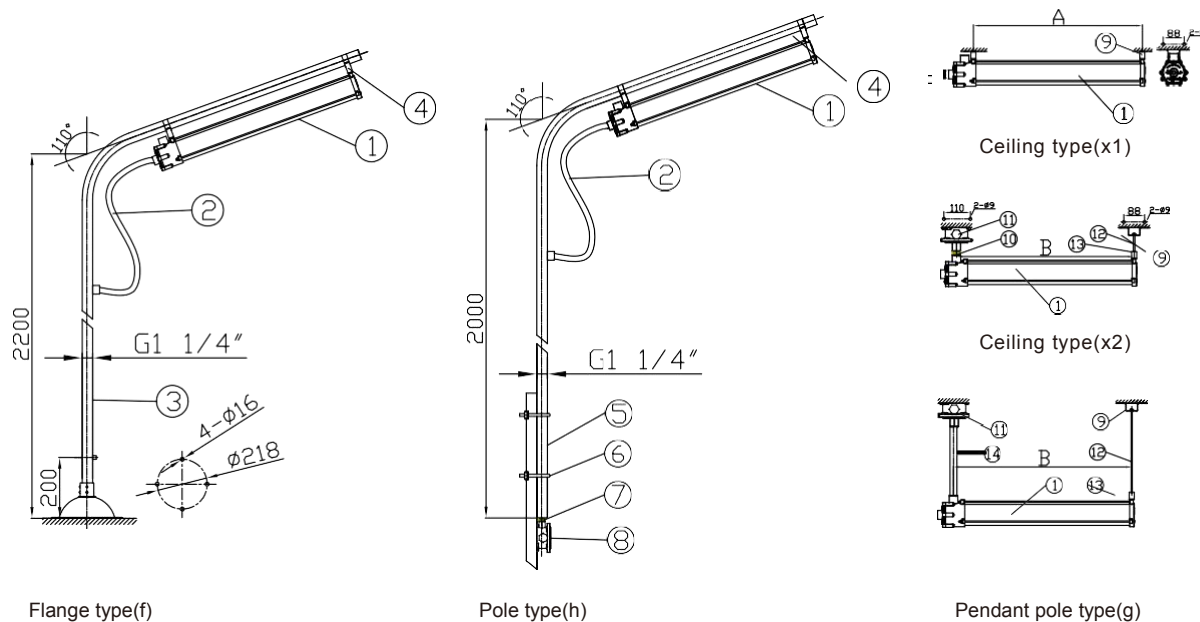
Lighting Distribution Curve:



Dimension:



Mounting type:



Mounting accessories and spare parts table:

No.	Name	Remark
1	BHD51 LED explosion proof light	/
2	Explosion-proof flexible connecting pipe G $\frac{3}{4}$ " (inner)G $\frac{3}{4}$ " (outer)	Prepared by customer
3	Flange pole G1 $\frac{1}{4}$ "	Option
4	Pipe clamp	Option
5	Fence pole G1 $\frac{1}{4}$ "	Option
6	U-bolt	Option, 400mm
7	Explosion proof flexible connector	Option
8	Explosion proof junction box G $\frac{3}{4}$ "	Option
9	Bracket	Option
10	Explosion-proof flexible connecting pipe G $\frac{3}{4}$ " (outer)G $\frac{3}{4}$ " (outer)	Option
11	Explosion proof junction box G $\frac{3}{4}$ "	Option
12	M8 screw	Option
13	Screw bracket	Option
14	Straight pole G $\frac{3}{4}$ "	300mm

Selection table:

Mounting type	Accessories
Flange type(f)	Accessories outline and mounting example refer to NO.2, 3, 4
Pole type(h)	Accessories outline and mounting example refer to NO. 2, 4, 5, 6, 7, 8
Ceiling type(x1)	Accessories outline and mounting example refer to NO. 9
Ceiling type(x2)	Accessories outline and mounting example refer to NO. 9, 10, 11, 12, 13
Pendant pole type(g)	Accessories outline and mounting example refer to NO. 9, 11, 12, 13, 14