Product	Flameproof, Increased Safety Type (내압안전증) Dustproof Type (분진) LED Lighting Fixture (80W~120W AIO / 일체형)
Model	WFLL-120A



Protection Tech. & Hazard Area Classification

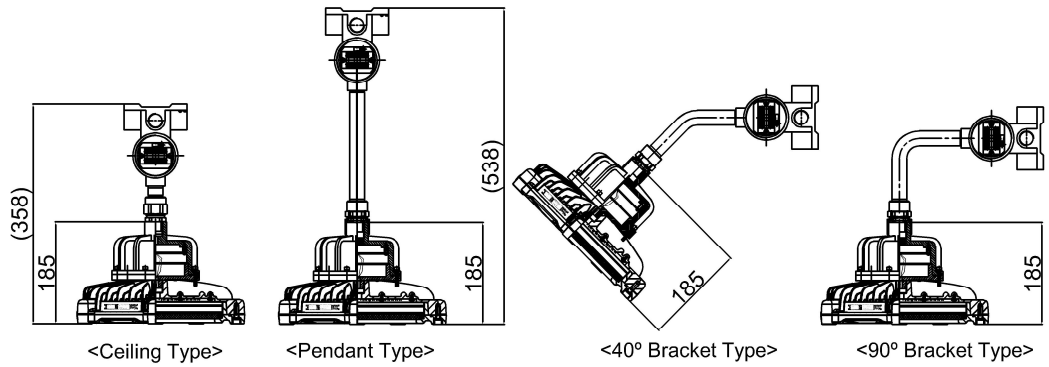
Ex db eb IIC T5 Gb IP66 for Zone 1/2
Ex tb IIIC T100℃ Db IP66 for Zone 21/22

Ordering Information

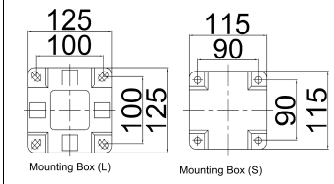
WFLL -*** A-* -*

LED Type LED 형태	Flat Type			Diffuse Type	
	F			D	
(AIO) Mount Type (일체형) 설치타입	Ceiling		Pendant	Bracket (40, 90)	
	CE		PE	BR	
Power 소비전력	80W	90W	100W	110W	120W
	80	90	100	110	120
Principle 방폭구분	Woochang Explosion-proof LED Lighting Fixture				
	Flameproof/Increased safety (db eb / Gas - IIC)			Dustproof (tb / Dust - IIIC)	
	WFLL				

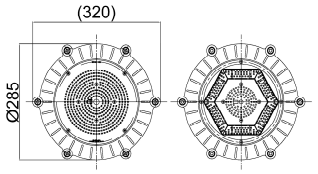
Drawing



<Ceiling Type> <Pendant Type> <40° Bracket Type> <90° Bracket Type>



Mounting Box (L) Mounting Box (S)



Flat Type Diffuse Type

Material (Standard)

Mount Box	Die Casting Aluminium
SMPS Housing	Casting Aluminium
Bracket / Pipe	Steel
Main Body	Die Casting Aluminium
Cover	Die Casting Aluminium
Glass	Tempered Glass
Ring Nut	Die Casting Aluminium
Painting Color	Munsell No. 7.5BG 6/1.5

Technical Data

Rated Voltage	Max. AC 220V
Rated Frequency	50/60 Hz
Rated Wattage	80/90/100/110/120W
Power Factor	0.95
Entry Size (Hub)	PF/NPT 3/4“ (22C)
Ambient Temp.	-20℃ ~ +40℃
Life Time	> 50,000 hr

Weight

Mount Type	Weight(kg)	Mount Type	Weight(kg)
Ceiling	8.5	Bracket	8.9
Pendant	8.8		

LED Specification

Power (W)	Luminous Flex (lm)	Luminar Efficacy (lm/W)	Color Rendering (CRI)	Color Temp. (K)
80	11,400	142	>82	5,000~6,500 (Typ. 5,700)
90	12,800	142		
100	14,200	142		
110	15,400	140		
120	16,800	140		

Light Distribution Curve

