Product	Flameproof Type (내압) Dustproof Type (분진) LED Lighting Fixture (80~120W)
Model	WFLL-D-120D (Flameproof Type / 내압) WDLL-TD-120D (Dustproof Type / 분진)



Protection Tech. & Hazard Area Classification

Ex d IIC T6 IP65 for Zone 1/2

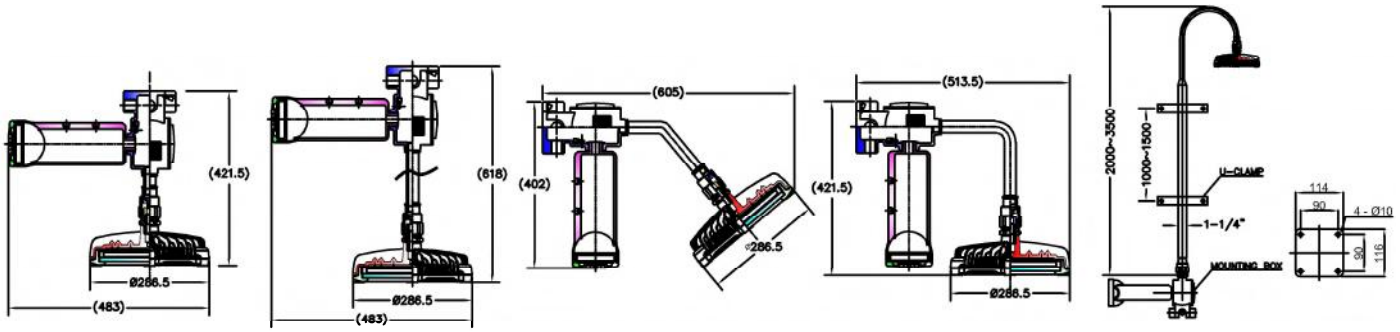
Ex tD A21 IP65 T85℃ for Zone 21/22

Ordering Information

W*LL-** · ** ** *

Option	일반형		확산형		고효율
	G		W		H
Power 소비전력	80W	90W	100W	110W	120W
	80	90	100	110	120
Mount Type 설치타입	Ceiling	Pendant	Bracket 40	Bracket 90	Pole 2.5m
	11	21	31	41	51
Principle 방폭구분	Woochang LED Lighting Fixture				
	Flameproof (d / Gas - IIC)			Dustproof (tD / Dust - A21)	
	WFLL-D			WDLL-TD	

Drawing



<Ceiling Type> <Pendant Type> <40° Bracket Type> <90° Bracket Type> <Pole Type> <Mounting Hole>

Material (Standard)	
Mount Box	Die-Cast Aluminium Alloy
SMPS Housing	Die-Cast Aluminium Alloy
Bracket	Steel
Main Body	Cast Aluminium Alloy
Cover	Cast Aluminium Alloy
Glass	Tempered Glass
Cover Ring	Cast Aluminium Alloy
Pipe	Steel
Painting Color	Munsell No. 7.5BG 6/1.5

Technical Data	
Rated Voltage	AC 90~264V
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	11.3	Bracket 90	11.7
Pendant	11.6	Bracket 40	11.7
Pole 2.5m	19.6		

LED Specification

Power (W)	Luminous Flex (lm)	Luminar Efficacy (lm/W)	Color Rendering (CRI)	Color Temp. (K)
80	12,850	160.5 (고효율)	>82	5,000~6,500 (Typ. 5,700)
90	13,950	155		
100	15,500	155		
110	17,050	155		
120	18,360	153		

Light Distribution Curve

