

120W QUATTRO EXPLOSION PROOF FLOOD LIGHT

VOL-EPF-120-CW



SECTION 1: SPECIFICATIONS

POWER	120W
VOLTAGE	90-305 V
MATERIAL	ALUMINUM ALLOY
CCT	5000-6500K
AMBIENT TEMPERATURE	40°-60°C
HUE	COOL WHITE
IP RATING	66
LIGHT OUTPUT	110-120 lm/W
BEAM ANGLE	60°/90°/120°/140°
FIXTURE LIFESPAN	50,000 HOURS
CORROSION PROOF GRADE	WF2
INPUT FREQUENCY	50/60 HZ
WEIGHT	6.3 KG
EXPLOSION MARK	II 2 G Ex d IIB T6 Gb III 2 D Ex t IIIC T95°C Db
BEAM ANGLE	STANDARD DISTRIBUTION IS NEMA HIGH/LOW BAY LIGHTS (TYPE 6)
DIVISION & CLASS CLASSIFICATION	CLASS 1, DIVISION 2
DIMENSIONS	300 x 300 x 226mm

CERTIFICATIONS

RoHS
Compliant



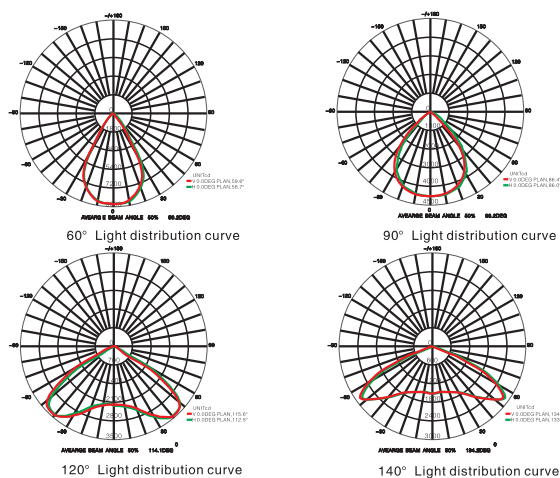
SECTION 2: COMPARABLE OLDER LIGHT SOURCE

LOW POWER CONSUMPTION WHILE HIGH LIGHT EFFICIENCY

POWER CONSUMPTION JUST 20% AS MUCH AS HIGH PRESSURE SODIUM LAMP AT THE SAME LUMINOUS CONDITION

SAVES MORE THAN 75% ENERGY THAN TRADITIONAL LIGHT

SECTION 3: LIGHTING DISTRIBUTION



HEIGHT	Vertical illuminance (50/60/80/100/120W)	Irradiation range
90° BEAM ANGLE		
8M	87/112/134/141/162Lx	Φ 10M
10M	56/72/86/92/104Lx	Φ 13M
12M	39/50/59/66/73Lx	Φ 16M
20M	14/18/21/23/26Lx	Φ 24M

The minimum lux at edge is 4 LX

HEIGHT	Vertical illuminance (50/60/80/100/120W)	Irradiation range
90° BEAM ANGLE		
8M	31/38/52/64/71Lx	Φ 20M
10M	20/24/34/41/46Lx	Φ 24M
12M	14/18/23/27/32Lx	Φ 24M
14M	10/13/17/21/23Lx	Φ 25M

The minimum lux at edge is 4 LX

HEIGHT	Vertical illuminance (50/60/80/100/120W)	Irradiation range
120° BEAM ANGLE		
6M	30/32/43/52/61Lx	Φ 18~20M
8M	15/17/24/30/35Lx	Φ 21~24M
10M	10/11/15/20/23Lx	Φ 24~28M
12M	7/8/11/13/16Lx	Φ 28~32M

The minimum lux at edge is 4 LX

HEIGHT	Vertical illuminance (50/60/80/100/120W)	Irradiation range
140° BEAM ANGLE		
6M	20/23/31/38/44Lx	Φ 20~24M
8M	11/13/17/21/25Lx	Φ 24~28M
10M	7/8/11/13/16Lx	Φ 26~32M
12M	4/6/8/10/12Lx	Φ 30~36M

The minimum lux at edge is 4 LX

Examples of mounting

