



100W Explosion Proof LED Light

DIMENSIONS

LENGTH : 300mm
 WIDTH : 300mm
 HEIGHT : 175mm
 WEIGHT: 7.5 KG

LED LIGHT ENGINE

- High quality LM80 Certify Chip
- Efficacy : up to 150lm @ 350mA (per watt)
- Rated Life of 100,000+ hrs
- Operation temp: -30 °C to +50 °C
- No toxic chemicals/Rohs compliant
- 70%-80% saving compare to HPS/MH

PRODUCT FEATURE

- 5 years warranty
- Highest Ingress Protection rating : IP68

CES-J100

- Material: Die Cast Aluminum
- Light Color option: 5700/4000/2700K
Custom color
- LENS: Super Clear Tempered Glass

ELECTRICAL CHARACTERISTICS

- Driver: MW HLG Series
- Wide AC input: 90-305 VAC
- (UL marking: 100-240VAC/277VAC)
- Power Factor: ~0.98
- Total Harmonic Distortion: < 10%
- Surge protection: IEC/EN 61000-4-5
- EMC test standard

INSTALLATION

- Easy installation – plug and play
- Wall mount bracket

CERTIFICATIONS

- CE: Recognition with CNAS
- ISO 14001: Recognition with IAF & CNAS
- ISO 9001: Recognition with IAF & CNAS UL & CUL
Certify : ANSI/UL 1598 & ANSI/UL 8750
- DLC
- ATEX Zone 1 : EX II 2G Ex eb mb IIA T4 Gb /
- ATEX Zone 2 : EX II 2D Ex tb IIIC T(95 C) Db
- UL844 : Class 1, Division 2

Note	ITEM NO.	DESCRIPTION	TOTAL POWER	Reflector/ wide angle	NOMINAL LUMENS	DRIVE CURRENT	# OF LEDS	SYSTEM EFFICACY
UL/CUL/PSE/SAA/CE Certify	CES-J100	Replacing 300-350w HPS	100	Wide Angle	12000	350 mA	84	120 LM/W