

# Explosion Proof LED Light



## REP-J40

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

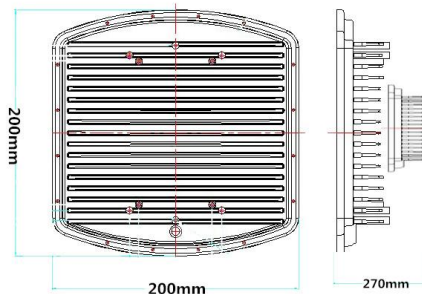
### ELECTRICAL CHARACTERISTICS

- Wide AC input: 90-305 VAC
- Power Factor: ~0.98
- Total Harmonic Distortion: < 10%
- Surge protection: IEC/EN 61000-4-5
- EMC test standard
- Meanwell HLG Series (Taiwan Excellence 2011 award).

## 30W Explosion Proof LED Light

### DIMENSIONS

LENGTH : 200mm  
 WIDTH : 200mm  
 HEIGHT : 270mm  
 WEIGHT: 4 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

### INSTALLATION

- Easy installation – plug and play
- Wall mount/Celing mount bracket
- Adjustable Angle

### QUALIFICATION

- ATEX: Zone 1&Zone 2
- UL844 : Class 1, Division 2
- SAA&CTICK
- CE&ROHS
- LCP

Note	ITEM NO.	DESCRIPTION	TOTAL POWER	ANGLE	NOMINAL LUMENS	DRIVE CURRENT	# OF LEDS	SYSTEM EFFICACY
UL/CUL/PSE/SAA/CE Certify	REP-J40	Replacing 150w HPS	30	120	3480	350 mA	24	116 LM/W

# Explosion Proof LED Light

## REP-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

## 100W Explosion Proof LED Light

### DIMENSIONS

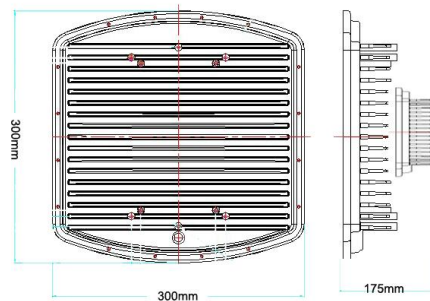
LENGTH : 300mm  
 WIDTH : 300mm  
 HEIGHT : 175mm  
 WEIGHT: 7.5 KG

### 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



### INSTALLATION

- Easy installation – plug and play
- Wall mount bracket

### QUALIFICATION

- ATEX: Zone 1&Zone 2
- UL844 : Class 1, Division 2
- IECEX Pending
- DLC
- SAA&CTICK
- CE&ROHS
- LCP

Note	ITEM NO.	DESCRIPTI ON	TOTAL POWER	Reflector/ wide angle	NOMINAL LUMENS	DRIVE CURRENT	# OF LEDS	SYSTEM EFFICACY
UL/CUL/P SE/SAA/ CE Certify	REP-J100	Replacing 300-350w HPS	100	Wide Angle	11600	350 mA	84	116 LM/W

# Explosion Proof LED Light

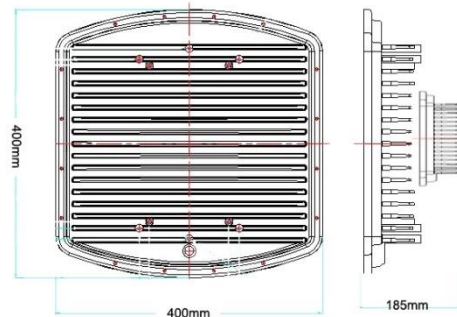


## REP-J200

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

### ELECTRICAL CHARACTERISTICS

- 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



## 185W Explosion Proof LED Light

### DIMENSIONS

LENGTH : 400mm  
 WIDTH : 400mm  
 HEIGHT : 185mm  
 WEIGHT: 12 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

### INSTALLATION

- Easy installation – plug and play
- Wall Mount bracket/Ceiling Mount Bracket

### QUALIFICATION

- ATEX: Zone 1&Zone 2
- UL844 : Class 1, Division 2
- IECEX
- DLC
- SAA&CTICK
- CE&ROHS
- LCP

Note	ITEM NO.	DESCRIPTION	TOTAL POWER	Reflector/ wide angle	NOMINAL LUMENS	DRIVE CURRENT	# OF LEDS	SYSTEM EFFICACY
UL/CUL/PS E/SAA/ CE Certify	REP-J200	Replacing 700-1000w HPS	180	wide angle	20880	350 mA	156	116 LM/W

# Explosion Proof LED Light



## REP-L-80

- Material: Die Cast Aluminum
- Light Color option: 6500/4000/2700K  
Custom color
- LENS: Super Clear Tempered Glass

### ELECTRICAL CHARACTERISTICS

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

## 80W Explosion Proof LED Light

### DIMENSIONS

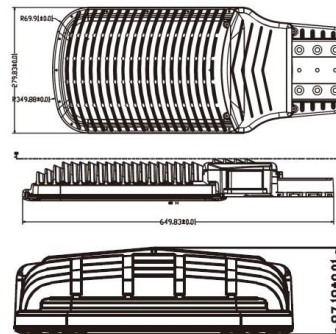
LENGTH : 650mm  
 WIDTH : 280mm  
 HEIGHT : 90mm  
 WEIGHT: 11 KG

### 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



### INSTALLATION

- Easy installation – plug and play
- Street Light bracket

### QUALIFICATION

- ATEX: Zone 1&Zone 2
- UL844 : Class 1, Division 2
- IECEx Pending
- DLC
- SAA&CTICK
- CE&ROHS

Note	ITEM NO.	DESCRIPTI ON	TOTAL POWER	Reflector/ wide angle	NOMINAL LUMENS	DRIVE CURRENT	# OF LEDS	SYSTEM EFFICACY
UL/CUL/P SE/SAA/ CE Certify	REP-L-80	Replacing 200-250w HPS	80	120*80	8000	350 mA	60	100 LM/W