



The Evolution Junior is a lightweight version of the advanced Evolution floodlight. Featuring the same single bolt access and impressive photometric performance, it's compact form allows it to be utilised in a variety of hazardous area applications.

Standard Specification

Features

| | |
|---------------------|--|
| Type of Protection | Ex d e (Flameproof, Increased Safety) |
| ATEX Classification | Group II Category 2 GD |
| Area Classification | Zone 1 and Zone 21 areas to EN 60079-10-1 with installation to EN 60079-14. Gas Groups IIA, IIB and IIC |
| Certificate | EC Type Examination Certificate Baseefa11ATEX0040 |
| Coding | Ⓔ II 2 GD Ex d e IIC Refer to table for T rating and Ambient |
| Enclosure | Aluminium alloy LM6 to BS 1490 (AC44100) All fastenings A4 stainless steel Toughened glass window |
| Reflector | Wide beam, high purity anodised aluminium |
| Entry | 2 x M20 cable entries |
| Termination | 3 core 6mm ² max. conductor with looping |
| Installation | Stirrup mounting bracket |
| Windage | 0.094m ² |
| Control Gear | Internal copper/iron with PFC correction capacitor |
| Relamping | Access via hinged end cover on release of single screw |
| Burning Position | Universal for HID |
| Ingress Protection | IP66/67 to EN 60529 |
| Electrical Supply | 220, 230, 240, 254V 50Hz (HID) |

Installation in gas groups IIA, IIB and IIC

Easy and quick access for maintenance

Simple, rapid lamp replacement and flamepath inspection

Exceptional photometric efficiency

International Approvals

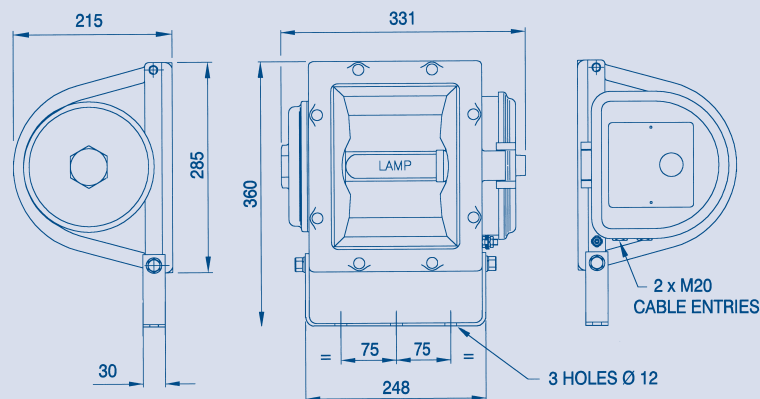
ATEX, GOST CEPEL and TIS

| Std. Cat No. | Wattage | Lamp | Lampholder | T Class | Ambient °C | Weight |
|--------------|---------|----------------------|------------|---------|------------|--------|
| EVJD/070/MS | 70W | HPS and Metal Halide | E27 | T4 | 40 | 12kg |
| | | | | T3 | 55 | 12kg |

Note: Please specify voltage at time of enquiry/order

Options – Suffix to Catalogue No.

| | |
|------|---|
| /60 | 60Hz |
| /M25 | M25 cable entries |
| /P | Marine grade polyester paint coating (RAL 7043) |
| /LT | Low temperature version -50°C (IIA & IIB only) |



Accessories Should be ordered separately

Catalogue Order Code

| | |
|---|------------|
| Pole mounting bracket assembly (48-70mm diameter poles) | SEVJ4-0003 |
| Anti-glare shield | SEVJ4-0001 |
| Wire guard | SEVJ4-0002 |

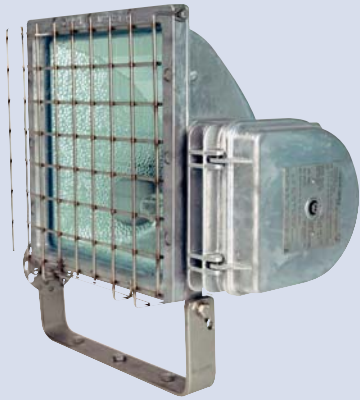
Product design and specifications are subject to change without notice, please check the Chalmit® website for latest specifications.



EVOLUTION RANGE

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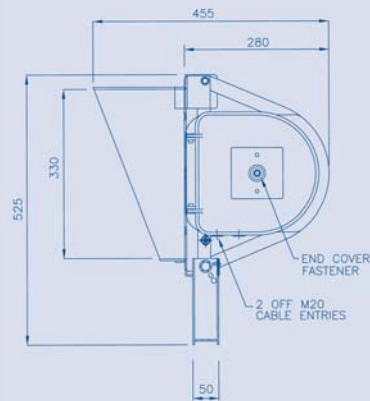
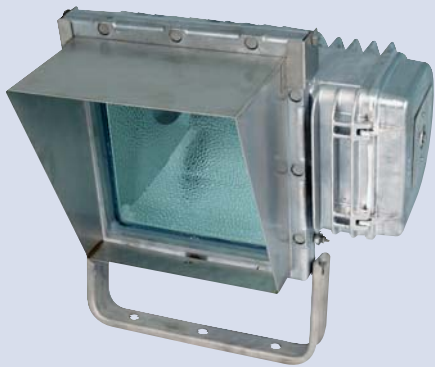
Evolution II & Evolution Guards and Shields



| Evolution II | |
|---|------------|
| Wire Guard | SEV04-0020 |
| Combined Anti-Glare Shield and Wire Guard | SEV24-0001 |
| Evolution | |
| Anti-Glare Shield | SEV04-0002 |
| Wire Guard | SEV04-0003 |
| Combined Anti-Glare Shield and Wire Guard | SEV04-0008 |

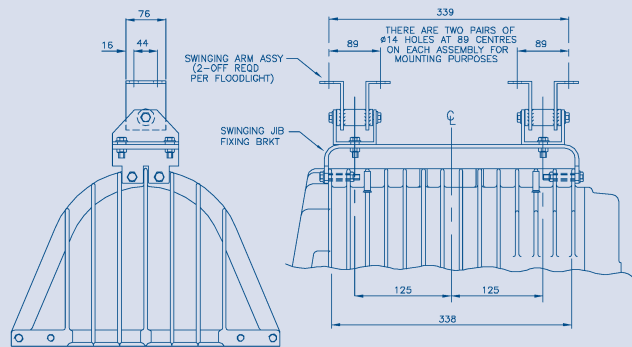
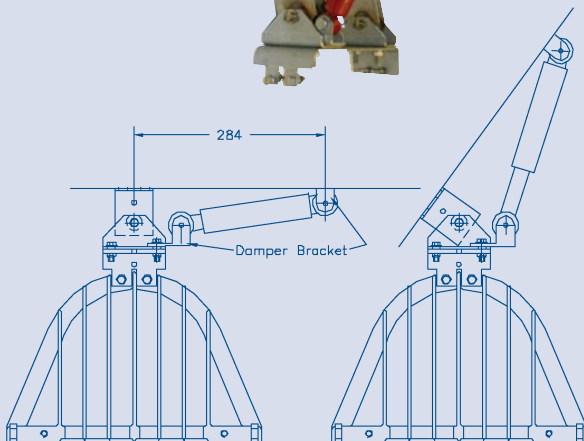
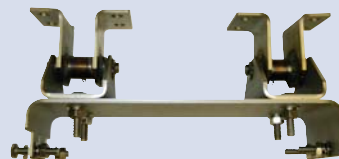
Evolution Anti-Glare Shield

Combined Anti-Glare Shield and Wire Guard



Swing Jib Damper & Bracket Assembly (220-254V only)

Evolution only

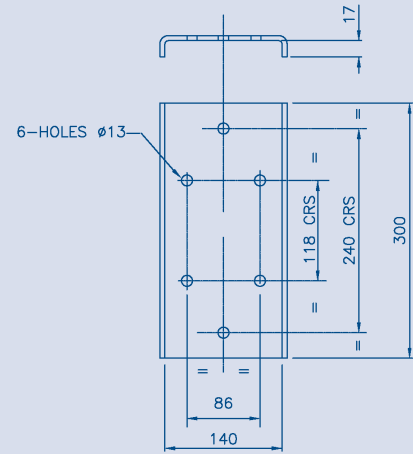
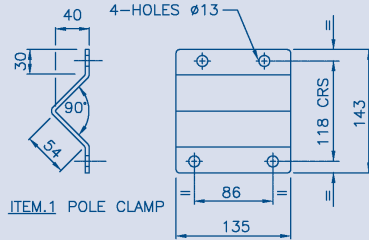


Damper assembly - SEV01-0015

Bracket assembly - SEV04-0009

Pole Mounting Bracket Assembly

Cat No. SEVO4-0001



284 Retrofit Bracket

Cat No. SEVO1-0001

