

The 502 gearbox is used with the 1000W 503 floodlight. It has Ex N protection to BS 4683 Pt 3 with an unrestricted breathing enclosure.

The box is generously proportioned to obtain low control gear temperatures. It is made from 316S31 stainless steel and has base fixing brackets and bolted hinged clamps.

The IP66/67 rating and stainless steel construction enable the box to be used with excellent reliability in corrosive applications.



### Standard Specification

### Features

|                     |   |
|---------------------|---|
| Type of Protection  | Ex n (Non sparking)   |
| Area Classification | Zone 2 areas to EN 60079-10 with installation to EN 60079-14                                      |
| Apparatus Standard  | EN 60079-15-2005  |
| Coding              | Ex n II T4 Tamb 50°C  |
| Enclosure           | 316S31 Marine grade stainless steel   |
| Entry               | 3 x 20mm cable entries  |
| Termination         | 3 core 4mm <sup>2</sup> max c/w looping   |
| Installation        | Base mounting straps  |
| Control Gear        | Internal copper/iron ballast and PFC correction capacitors (Ignitor not fitted on standard model) |
| Operating Position  | Universal   |
| Ingress Protection  | IP66/67 to EN 60529   |
| Electrical Supply   | 200, 210, 220, 230, 240, 250V 50Hz,<br>220, 230, 240, 250, 260, 270V 60Hz                         |

316S31 grade stainless steel construction

Easy to install and maintain

Hinged lid with two fixing screws

Multi tapped ballast

Control gear easily accessed and can be replaced

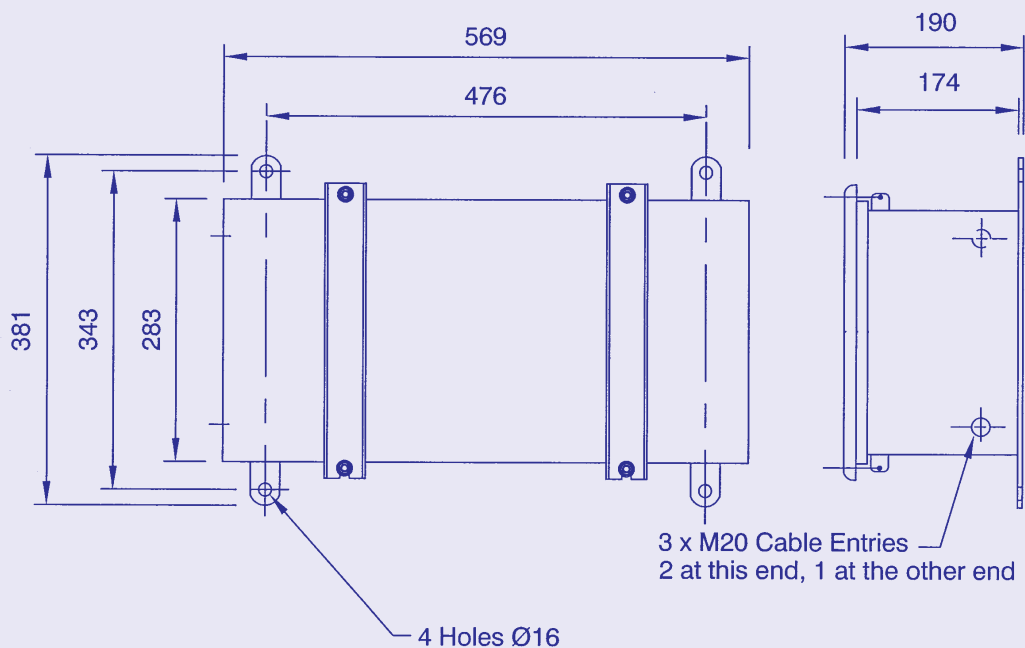
| Std. Cat No. | Wattage  | Lamp (Ref only)  | Weight |
|--------------|----------|------------------|--------|
| 502N/2400/MS | 2 x 400W | HPS/Metal Halide | 30kg   |
| 502N/1000/MS | 1000W    | HPS              | 32kg   |

### Options - Suffix to Catalogue No.

|     |                  |
|-----|------------------|
| /25 | 25mm Entries     |
| /TE | Threaded entry   |
| /IG | Integral ignitor |
| /NC | No capacitors    |

### Applications

Zone 2 hazardous areas  
 Areas of both high and low ambients  
 For use where control gear has to be remote from luminaire



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