

# 2484 and 2486

## Ex N FLOODLIGHT

Ex N PROTECTION  
ZONE 2 APPLICATIONS

This range of floodlights is designed for use in harsh and corrosive environments. The quality of material and the ingress protection of IP66/IP67 means that the floodlight is highly resistant to saline corrosion. It is manufactured from marine grade 316S31 stainless steel and toughened glass with a silicone gasket. The range accommodates high pressure discharge lamps up to 600W rating.

The control gear is in a separate attached box for cool running which allows this luminaire to be used in ambient temperatures up to 55°C.

The cover is secured by four powerful instant release clamps making installation and maintenance quick and easy.

The 2486 is suitable for use with elliptical lamps therefore it can be used as an alternative to the 800 series which uses only tubular lamps.



### Standard Specification

Type of Protection:	<b>Ex N (Non-sparking Restricted Breathing)</b>
Area Classification:	<b>Zone 2 areas to EN 60079-10 with installation to EN 60079-14</b>
Apparatus Standard:	<b>BS 4533 Part 102.51:1986</b>
Certificate:	<b>BASEEFA Ex 88Y4074X</b>
Coding:	<b>Ex N II T3 (Refer to table for ambient temperatures)</b>
Enclosure:	<b>Marine grade 316S31 stainless steel body with toughened glass window, silicone rubber gasket</b>
Reflector:	<b>Wide beam high purity anodised aluminium</b>
Entry:	<b>2 x M20 cable entries</b>
Termination:	<b>3 core 6mm<sup>2</sup> max. conductor with looping</b>
Installation:	<b>Stirrup mounting</b>
Control Gear:	<b>Integral copper/iron choke with ignitor and PFC correction capacitors</b>
Relamping:	<b>Access via front glass cover assembly secured by four quick release stainless steel clamps</b>
Lamp holder:	<b>E40</b>
Lamp Type:	<b>HPS Tubular and Elliptical, Mercury Vapour and Single Ended Tungsten-Halogen</b>
Burning Position:	<b>Universal, if lamp axis is not horizontal operate lamp cap down</b>
Ingress Protection:	<b>IP66/67 to EN 60529</b>
Electrical Supply:	<b>200, 210, 220, 230, 240, 250V 50Hz 220, 230, 240, 250, 260, 270V 60Hz</b>

### Features

Excellent corrosion resistance properties

High ambient applications

Four quick release fasteners for ease of relamping and maintenance

Suspended cover front

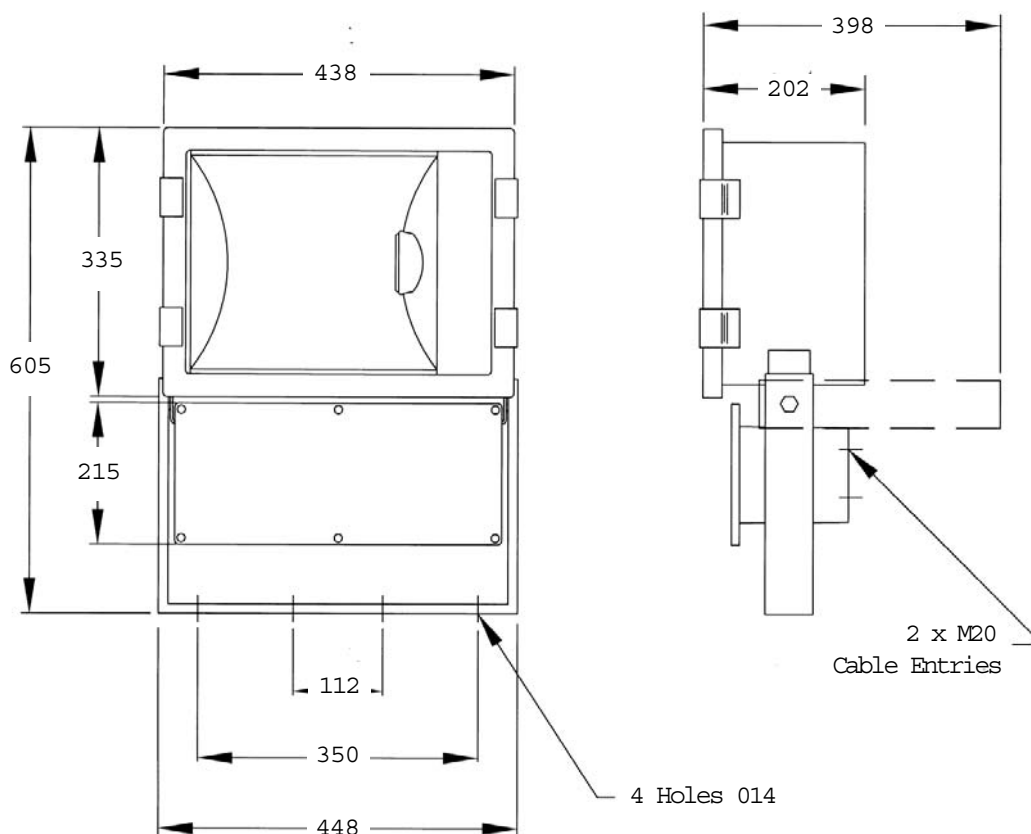
Aiming quadrant

Chalmit lighting

Std. Cat No.	Wattage	Lamp	Tamb	Weight
248N/150/HS	150W	HPS (SON/T)	55	21.0kg
248N/250/HS	250W	HPS (SON/T)	55	22.0kg
248N/400/HS	400W	HPS (SON/T)	55	23.0kg
248N/600/HS	600W	HPS (SON/T)	40	24.0kg
2486/150/HS	150W	HPS (SON/E)	40	21.0kg
2486/250/HS	250W	HPS (SON/E)	40	22.0kg
2486/400/HS	400W	HPS (SON/E)	40	23.0kg
248N/250/MH	250W	Metal Halide	40	22.0kg
248N/400/MH	400W	Metal Halide	40	23.0kg
2486/250/MV	250W	Mercury Vapour	40	21.0kg
2486/400/MV	400W	Mercury Vapour	40	22.0kg

### Options - Suffix to Catalogue No.

/M25	M25 Entries
/N	Narrow beam reflector
/WA	Suitable for wire guard or anti-glare shield



### Accessories (Should be ordered separately)

Accessories	Catalogue Order Code
Pole mounting brackets	S2400-0003
Spigot mounting bracket	S2400-0007
Wire guard assembly	S2400-0009
Anti-glare shield assembly	S2400-0004



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