

864 Ex n model shown  
(As standard all industrial 864, 854 & 844 models have stainless steel finish)

Recommended maximum aiming angle 20°  
from horizontal plane

The 800 series is a range of stainless steel asymmetrical floodlights. These floods are designed for optimum light output and efficiency to ensure the minimum number of luminaires is required.



The 864 with anti-glare shield



The 864 with wire guard

## Standard Specification

## Features

Ingress Protection	IP66/67 to EN60529
Enclosure	Marine grade 316S31 stainless steel body (Painted RAL-9005 semi gloss smooth textured - 864 version only) with toughened glass window, silicone rubber gasket
Entries	2 x M20 cable entries
Termination	3 core 4mm <sup>2</sup> max conductors
Reflector	Wide beam high purity anodised aluminium
Mounting	Adjustable stirrup bracket
Windage	0.052m <sup>2</sup> (844), 0.090m <sup>2</sup> (854), 0.22m <sup>2</sup> (864)
Control Gear	Internal (with remote option using control gear box)
Relamping	Via front cover (c/w safety chains) and quick release clips
Electrical Supply	220, 230, 240, 254V 50Hz for SON-T & MBI-T lamp models. 250V Max ac/dc for tungsten halogen lamps

Marine grade stainless steel body and toughened glass cover

Quick release fasteners for ease of relamping and maintenance

Suspended cover front

photometrically superior asymmetric reflector

Suitable for low temperature applications

Standard control gear for use with IEC lamps

Std. Cat No.	Wattage	Lamp Type	Lampholder	Ambient °C	Weight
<b>844I/070/MS</b>	70W	HPS/Metal Halide	E27	-30 to +50	12.0kg
<b>854I/100/HS</b>	100W	HPS	E40	-30 to +55	18.0kg
<b>854I/150/MS</b>	150W	HPS/Metal Halide	E40	-30 to +55	18.0kg
<b>854I/250/MS</b>	250W	HPS/Metal Halide	E40	-30 to +40	19.0kg
<b>864I/250/MS</b>	250W	HPS/Metal Halide	E40	-30 to +55	20.5kg
<b>854I/400/MS*</b>	400W	HPS/Metal Halide	E40	-30 to +40	17.0kg
<b>864I/400/MS</b>	400W	HPS/Metal Halide	E40	-30 to +50	21.0kg
<b>854I/500/TH</b>	500W	Single ended T/Halogen	E40	-45 to +45	16.5kg
<b>864I/600/HS*</b>	600W	HPS	E40	-30 to +45	21.0kg

**100/120V Cat Nos. The following models are for 120V, 50Hz as standard:**

<b>864I/150/HS/120**</b>	150W	HPS	E40	-30 to +55	18.0kg
<b>864I/250/HS/120**</b>	250w	HPS	E40	-30 to +55	19.0kg
<b>864I/400/HS/120***</b>	400W	HPS	E40	-30 to +55	17.0kg

\* Ignitor only fitted within floodlight.

Remote gear box required (see Universal Box)

\*\* c/w IEC control gear 110/120V supply.

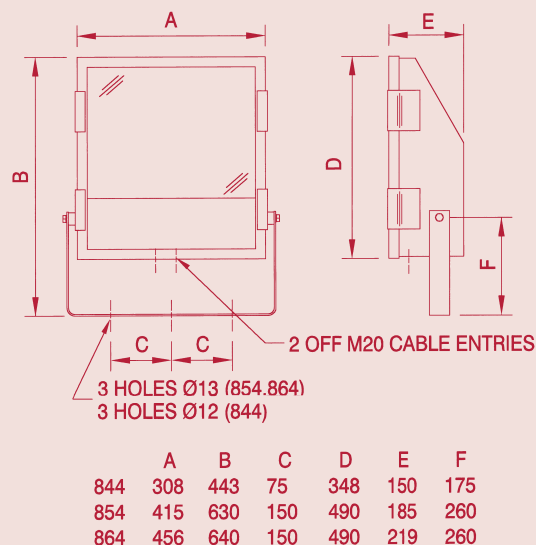
\*\*\* Supplied with remote transformer box for 110/120V supply.  
(Control gear fitted for IEC lamps).

All control gear fitted for use with European lamps (IEC).

**Note: Please specify voltage at time of enquiry/order**

### Options – Suffix to Catalogue No.

<b>/60</b>	60Hz
<b>/M25</b>	2 x M25 cable entries
<b>/N</b>	Narrow beam reflector
<b>/WA</b>	Suitable for wire guard or anti-glare shield
<b>/NEC</b>	NEC control gear for US lamps only - 120, 208, 240 and 277V. (Please note that when utilised in the 864I body, the Ambient increases to +55°C)



### Accessories Should be ordered separately

### Catalogue Order Code

Pole mounting bracket assembly - 844 (50-100mm diameter poles)	<b>S8444-0002</b>
Pole mounting bracket assembly - 854/864 (48-70mm diameter poles)	<b>S2400-0002</b>
Spigot top mounting bracket assembly - 854/864 (70-82mm diameter poles)	<b>S2400-0007</b>
Wire guard - 844 (requires "WA" suffix when ordering)	<b>S8444-0005</b>
Wire guard - 854 (requires "WA" suffix when ordering)	<b>S8544-0004</b>
Wire guard - 864 (requires "WA" suffix when ordering)	<b>S8644-0004</b>
Anti-glare shield - 844 (requires "WA" suffix when ordering)	<b>S8444-0001</b>
Anti-glare shield - 854 (requires "WA" suffix when ordering)	<b>S8544-0002</b>
Anti-glare shield - 864 (requires "WA" suffix when ordering)	<b>S8644-0002</b>

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

