



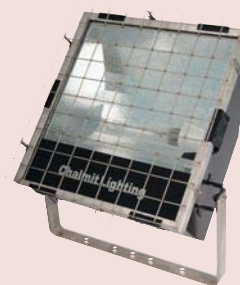
864 Ex n model shown
(As standard all industrial 864, 854 & 844 models have stainless steel finish)

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	<p>Marine grade stainless steel body and toughened glass cover</p> <p>Quick release fasteners for ease of relamping and maintenance</p> <p>Suspended cover front</p> <p>photometrically superior asymmetric reflector</p> <p>Suitable for low temperature applications</p> <p>Standard control gear for use with IEC lamps</p>
Enclosure	Marine grade 316L 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 ² max conductors	
Reflector	Wide beam high purity anodised aluminium	
Mounting	Adjustable stirrup bracket	
Windage	0.052m ² (844), 0.090m ² (854), 0.22m ² (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.	

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

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

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

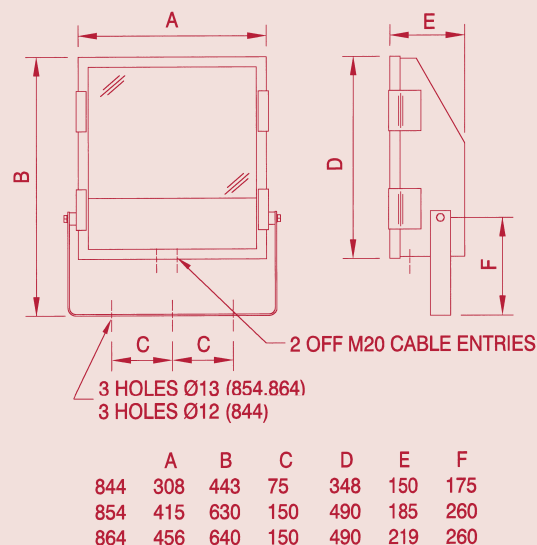
*** Supplied with remote transformer box for 110/120V supply.
(Control gear fitted for IEC lamps).

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

Note: Please specify voltage at time of enquiry/order

Options – Suffix to Catalogue No.

/60	60Hz
/M25	2 x M25 cable entries
/N	Narrow beam reflector
/WA	Suitable for wire guard or anti-glare shield



Accessories Should be ordered separately

Catalogue Order Code

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

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

