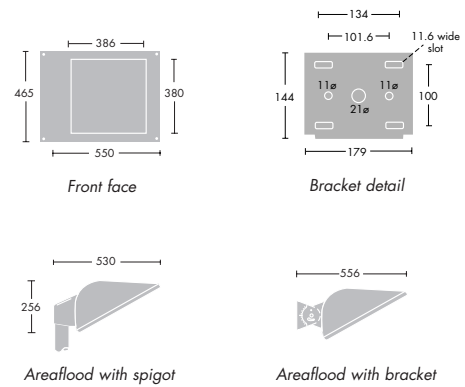


Areaflood 40^{1:2}

 250W, 400W HPS-E E40	 250W, 400W HPS-T/HPS-T (HO) E40	 250W, 400W HIE coated E40
 250W, 400W HIT E40	 250W MBF E40	IP65 EN 60598  5 joules 

A high performance range of discharge floodlights for lighting large areas. Option of wall or column mounted.

- Ideal for amenity areas, car parks, garage forecourts, industrial sites, security or road lighting
- Two mounting options
- Spigot - giving adjustment in azimuth
- Bracket - giving adjustment in vertical
- Wide variety of light sources



Areaflood with spigot on pole



Bracket version

Materials/Finish

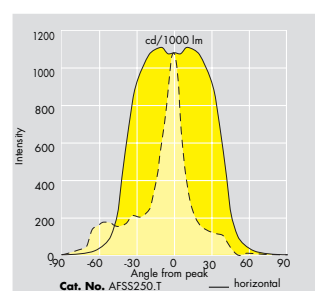
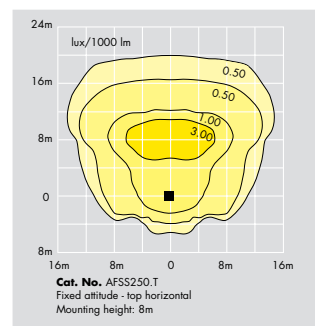
Body: White GRP moulding with integral control gear.
 Lens: Toughened soda lime glass
 Gasket: Silicone rubber.
 Reflector: Faceted with end diaphragms precision formed from specular anodised aluminium for asymmetric distribution.
 Spigot: Cast aluminium with black powder coat finish.
 Bracket: Black powder-coated steel with aiming device.
 Front frame: GRP.
 Captive screws: Stainless steel.

Installation/Mounting

Cable entry by combined gland/cord grip for 8-13mm o/d cable. Terminal block takes 6mm² conductors.
 Spigot version suitable for 76mm Ø poles.
 Bracket version suitable for vertical or horizontal surfaces, also pole mounting using appropriate U-bolts.
 Gives a wide range of elevation adjustment.
 Front frame/lens hinged internally and secured by four captive screws.
 Adaptor Cat. No. QCBAFB1PT is available to use when mounting the Areaflood 40 bracket mounting version on a 76mm Ø vertical shaft.
 This configuration allows adjustment in both azimuth and vertical. One adaptor needed per floodlight.
 For suitable column types see page 519.
 See also Ground Recessing Boxes, pages 338.

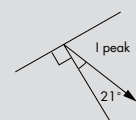
Specification

To specify state:
 Enclosed discharge floodlight with integral control gear.
 White GRP body, toughened front glass, sealed to IP65, spigot/bracket mounting.
 As Thorn Areaflood 40.



Beam data

Peak intensity (I) cd/klm	1110
Beam factor to 10% peak (I)	0.74
Beam angle to 10% of peak (I)	Horizontal 2 x 50° Vertical 36°/66°
Beam angle to 50% of peak (I)	Horizontal 2 x 39° Vertical 7°/13°
Beam angle to 1% of peak (I)	Horizontal 2 x 67° Vertical 49°/89°



Ordering Guide Supplied complete with lamp unless shown.*

Lamp type & rating	Spigot version		Bracket version	
	Weight (kg)	Cat. No.	Weight (kg)	Cat. No.
HPS-E/HPS-T/HIE coated/HIT 250W			11.25	AFB250.T LLTE*
HPS-T/HIT 400W			13.25	AFB400.T LLT*
HPS-T (HO) 250W	10.5	AFSS250.T	11.5	AFBS250.T
HPS-T (HO) 400W	12.5	AFSS400.T	13.5	AFBS400.T
HIE coated (GE Kolorarc) 400W	12.0	AFSC400.T	13.0	AFBC400.T
MBF 250W	9.6	AFSK250.T	10.6	AFBK250.T

*Lamp to be ordered separately. Note: Windage 0.25m²
 Export voltages available, refer to page 553 for details.

Attachments See also pages 379 and 536.

Description	Cat. No.
Wall bracket for spigot mounted Areaflood (see page 379)	OAB36
Wall bracket for spigot mounted Areaflood allowing horizontal adjustment (see page 379)	OAB310
Mounting adaptor to fit single Areaflood 40 bracket mounting floodlight on 76mm vertical shaft (see page 536)	QCBAFB1PT

Areaflood 15^{1:1}

 100W, 150W | HPS-T (HO) | E40
  150W | HIT-DE | RX7s
  IP65 | EN 60598
  100W, 150W HPS and HIT - ETL listed - wet location | 5 joules
 

A range of high performance discharge floodlights designed for the lighting of large areas.

- HPS versions complete with anti-cycling control gear
- Robust recyclable pressure die-cast aluminium body with vandal-resistant enclosure
- Streamlined stirrup design and stainless steel body bolts
- Sealed to IP65

Materials/Finish

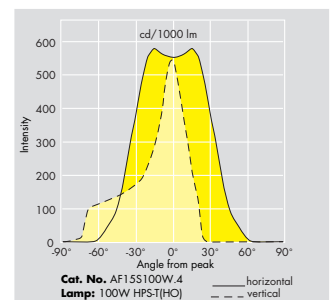
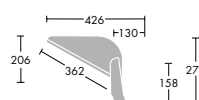
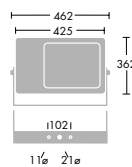
Body: Recyclable pressure die-cast LM6 aluminium body, finished white.
 Body bolts: Stainless steel.
 Lens: Toughened soda lime glass in an aluminium frame.
 Stirrup: Galvanised steel.

Installation/Mounting

Access to the 3 x 2.5mm² terminal block is easily achieved by hinging down the glass-mounting frame. Cable entry for 7-10.5mm o/d cable is via the combined gland/cord grip supplied with the luminaire. For suitable column types see page 519. See also Ground Recessing Boxes, pages 338.

Specification

To specify state:
 Enclosed floodlight for 100/150W increased output HPS-T/150W HIT-DE lamp with white aluminium body, flat glass. Sealed to IP65.
 As Thorn Areaflood 15.



Ordering Guide

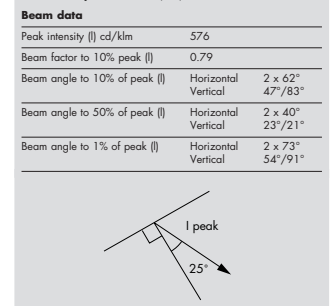
Supplied complete with lamp.

Lamp type & rating	Description	Windage (m ²)	Weight (kg)	Cat. No.
HPS-T (HO) 100W	Luminaire, flat glass	0.154	7.2	AF15S100W.4
HPS-T (HO) 150W	Luminaire, flat glass	0.154	7.8	AF15S150W.4
HIT-DE 150W	Luminaire, flat glass	0.154	7.8	AF15CD150W.4

Export voltages available, refer to page 553 for details.

Attachments

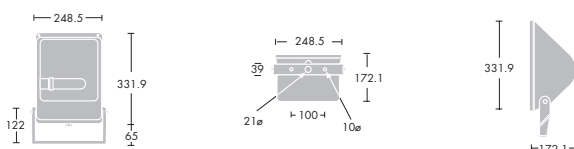
Description	Weight (kg)	Cat. No.
Wire guard	0.6	AF15 WG



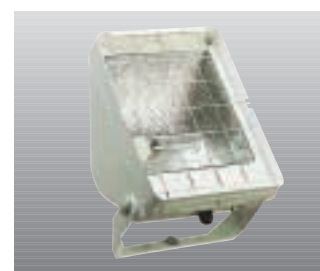
Areaflood 7^{1:1}

70W HPS-T E27
 70W HIT-DE RX7s
 70W HIT E27
 IP65
 EN 60598
 70W HPS and HIT - ETL listed - wet location
 5 joules
 CE

A range of compact high performance floodlights housing 70W discharge lamps.



- Wide angle floodlight with asymmetric vertical distribution
- 70W HPS-T versions with anti-cycling ignitor
- Visor or flat glass options
- Choice of black or white finish
- Integral photocell option
- Robust recyclable aluminium body with vandal-resistant enclosure
- Streamlined stirrup with easy aim device and stainless steel body bolts



Wire guard



Spill shield

Materials/Finish

Body: Recyclable pressure die-cast LM6 aluminium body finished black or white.
 Body bolts: Stainless steel.
 Lens: Toughened soda lime glass in an aluminium frame or polycarbonate visor.
 Stirrup: Galvanised steel

Installation/Mounting

Cable entry by combined gland/cord grip for 6-12mm o/d cable. Access to terminal block by hinging down the visor or glass-mounting frame. Terminal block takes 6mm² conductors. Especially suitable for 5-8m mounting height. For suitable column types see page 519. See also Ground Recessing boxes, pages 338.

Specification

To specify state: Enclosed floodlight for 70W HPS-T/HIT/HIT-DE lamp with black/white aluminium body, visor/flat glass. Sealed to IP65. As Thorn Areaflood 7.

Ordering Guide

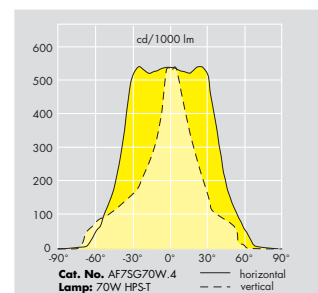
Supplied complete with lamp.

Lamp type & rating	Description	Weight (kg)	White Cat. No.	Black Cat. No.
HPS-T 70W	Luminaire, visor	2.8	AF7SV70W.4	AF7SV70B.4
HPS-T 70W	Luminaire, visor with photocell	2.9	AF7SVP70W.4	
HPS-T 70W	Luminaire, flat glass	2.8	AF7SG70W.4	AF7SG70B.4
HPS-T 70W	Luminaire, flat glass with photocell	2.9	AF7SGP70W.4	
HIT 70W	Luminaire, flat glass	3.4	AF7CSG70W.4	
HIT-DE 70W	Luminaire, flat glass	3.4	AF7CDG70W.4	

Note: Windage 0.083m².
 Export voltages available, refer to page 553 for details.

Attachments

Description	Weight (kg)	Cat. No.
Spill shield	1.2	AF7 SS
Wire guard in white holder	0.6	AF7 WG



Beam data

Peak intensity (I) cd/klm	545
Beam factor to 10% peak (I)	0.63
Beam angle to 10% of peak (I)	Horizontal Vertical 2 x 61° 53°/64°
Beam angle to 50% of peak (I)	Horizontal Vertical 2 x 40° 21°/14°
Beam angle to 1% of peak (I)	Horizontal Vertical 2 x 70° 57°/73°

