

## BTT3-0914-000-000

Flare, tracking, infra-red,



The BTT3-914 Infra red (IR) flare has been used for a variety of weapon systems including Mistral and Stinger. The IR flares are fitted to mounting points on each of the Banshee target's wing tips or alternatively to the exterior of the belly pod. Each wing tip can carry a total of 4 IR flares and the belly pod can accommodate a total of 8. The flares are ignited by the avionics flare actuation system. The output of the IR flare is 400 watts per Steradian in the 2 - 5.15 micron band, and the burn duration is >60 seconds.

### Specifications

#### Characteristics:

Burn Time:	60 seconds
Output:	400W/Steradian, over 2 - 5.15 Micron Band
Ignition Voltage:	1.5 volts (Min.)
Pulse Length:	50 msec

#### Dimensions:

Length:	195.4 mm
Diameter:	25.4 mm
Weight:	210g

#### References:

UN Hazard Classification:	1.3G
UN No:	0093

#### Storage:

Good magazine conditions (GMC), stable temperature between 5°C and 30°C. Relative humidity less than 70%. Shelf life in these conditions at least 3 years.

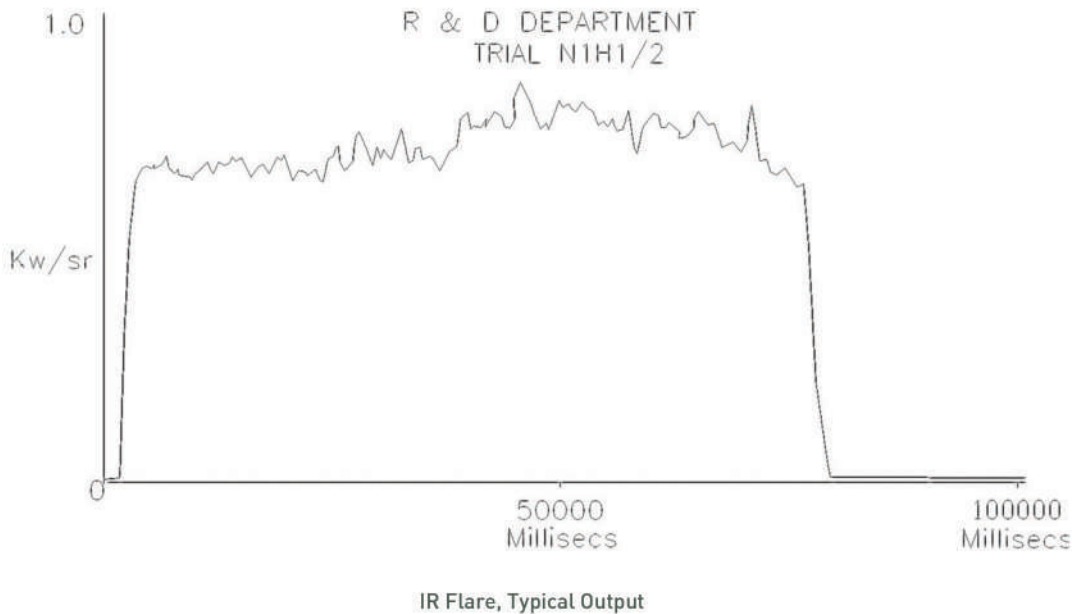
### Key features

- Over 400 W/Sr in 2 to 5µ band
- 60 seconds burn time
- Ignition on command from target control station

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#### Specifications



#### Parameters

Entered	Band width	2 to 5.15 microns
	Input sensitivity	1000 mV
	Time base	10000 ms
	Calibration factor	0.750999999 W/sr/v
	CO2 attenuation factor	1
	Specified output	400 W/sr
	Distance (Radiometer to flare)	12 m

#### Results

	Direct	Corrected
Background radiation (W/Sr)	7	7
Peak output (W/Sr)	854	854
Total energy (W/Sr)	49953	49953
Average Output (W/Sr)	696	696
Output after 2 secs. (W/Sr)	674	674
Time to light-up (ms)	1800	
Time to specified output (ms)	2350	
Time to peak output (ms)	42250	
Burning time (ms)	73550	

Note: Due to continuous process improvement, specifications are subject to change without notice

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