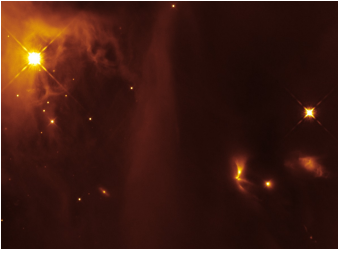


# IC 348

IC 348	
	
Hubble image of IC 348 and its surroundings. <sup>[1]</sup>	
Observation data	
<b>Constellation</b>	Perseus
<b>Right ascension</b>	03 <sup>h</sup> 44 <sup>m</sup> 34 <sup>s</sup> <sup>[1]</sup>
<b>Declination</b>	+32° 09.8′ <sup>[1]</sup>
<b>Distance</b>	1,028 ly (315 pc) <sup>[1]</sup>
<b>Apparent magnitude (V)</b>	7.3 <sup>[1]</sup>
Physical characteristics	
<b>Estimated age</b>	2 million years
<b>Other designations</b>	C 0341+321, Collinder 41
See also: Open cluster, List of open clusters	

**IC 348** is a star forming region in the constellation Perseus located about 315 parsecs from the Sun. It consists of nebulosity and an associated 2 million year old cluster of roughly 400 stars within an angular diameter of 20″. The most massive stars in the cluster are the binary star system BD+31°643, which has a combined spectral class of B5.<sup>[1]</sup> Based upon infrared observations using the Spitzer Space Telescope, about half of the stars in the cluster have a circumstellar disk, of which 60% are thick or primordial disks.<sup>[1]</sup> The age of this cluster has allowed three low mass brown dwarfs to be discovered. These objects lose heat as they age, so they are more readily discovered while they are still young.<sup>[1]</sup>

## References

## External links

- Amateur photography (<http://www.photonhunter.at/IC348.html>)

# Article Sources and Contributors

**IC 348** *Source:* <http://en.wikipedia.org/w/index.php?oldid=549545123> *Contributors:* Jmencisom, PatrickHochleitner, RJHall

# Image Sources, Licenses and Contributors

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