

Figure 3. The star forming molecular cloud at G35.2-0.74 contains a heavily obscured young cluster around a luminous YSO. (top left) J band GPS image. (top right) K band GPS image. Red circles mark Spitzer detections, yellow squares are those with K-4.5 μ m excesses, and green plus signs are likely cluster members, using the criterion (J-K)>2, which seems to be fairly reliable for this highly reddened cluster. (lower left) (J-K) vs (K-4.5 μ m) plot, incorporating Spitzer data to identify YSOs with hot circumstellar disks. (lower right) The K band Luminosity Function (LF) for all stars within a 90 arcsec radius (blue) and sources with (J-K)>2 (green). H band data are not yet available for this cluster they will extend the LF and mass function down to 0.1-0.2 M_{\odot} .