



NGC3031	R.A., Dec. [J2K, deg]:	148.888275	69.065315
2MASS j	Lon., Lat. [Gal., deg]:	142.091780	40.900058
GAL E(B-V): 0.080	APR: $m_o = 5.70$ $m_{dr} = 5.64 \pm 0.01$	$\mu_{BG} = 16.93 \pm 0.01$	
GAL A_j : 0.058	ASY: $m_o = 5.70$ $m_{dr} = 5.64 \pm 0.01$	$R_{ASY} = 28.82'$	
SEMIMAJOR: 15.98'	90%: $\mu_o = 21.26$ $\mu_{dr} = 21.21 \pm 0.01$	$R_{90} = 6.78'$	
RATIO (a/b): 1.85	50%: $\mu_o = 18.80$ $\mu_{dr} = 18.75 \pm 0.01$	$R_{80} = 5.12'$	
P.A.: 157.00°	CEN: $\mu_o = 13.69$ $\mu_{dr} = 13.63 \pm 0.01$	$R_{50} = 2.32'$	
Annuli: 3.00"	EXPTIME: 1.3 s # imgs: 1	$R_{20} = 0.78'$	
TYPE: Sab	Phot Date: Mon Jan 26 19:19:42 2015	Grade = 1	