



NGC3031	R.A., Dec. [J2K, deg]:	148.888275	69.065315
2MASS k	Lon., Lat. [Gal., deg]:	142.091780	40.900058
GAL E(B-V): 0.080	APR: $m_o = 5.71$ $m_{dr} = 5.68 \pm 0.01$	$\mu_{BG} = 15.49 \pm 0.01$	
GAL A_k : 0.025	ASY: $m_o = 5.70$ $m_{dr} = 5.68 \pm 0.01$	$R_{ASY} = 28.80'$	
SEMIMAJOR: 15.98'	90%: $\mu_o = 21.33$ $\mu_{dr} = 21.31 \pm 0.02$	$R_{90} = 6.87'$	
RATIO (a/b): 1.85	50%: $\mu_o = 18.79$ $\mu_{dr} = 18.77 \pm 0.01$	$R_{80} = 5.15'$	
P.A.: 157.00°	CEN: $\mu_o = 13.51$ $\mu_{dr} = 13.49 \pm 0.01$	$R_{50} = 2.30'$	
Annuli: 3.00"	EXPTIME: 1.3 s # imgs: 1	$R_{20} = 0.75'$	
TYPE: Sab	Phot Date: Mon Jan 26 19:27:32 2015	Grade = 1	