

Final_XRB

Unnamed: 0	Serial number	id	RA (deg)	DEC (deg)
82	82	115 1eRASS J062043.3-434945	95.1811114	-43.82930997
99	99	140 1eRASS J073237.7-133108	113.1571305	-13.51896764
118	118	165 1eRASS J090206.7-403316	135.5285597	-40.5546543
156	156	217 1eRASS J114759.9-621225	177.000032	-62.20691047
181	181	250 1eRASS J124250.1-630331	190.709321	-63.05864169
219	219	308 1eRASS J154814.6-452840	237.0608056	-45.47778548
222	222	315 1eRASS J160636.8-461825	241.6532654	-46.30724502
868	868	1115 1eRASS J061651.6-474753	94.21503585	-47.79784153
2059	2059	2752 1eRASS J175836.4-405930	269.6514746	-40.99196316

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FLUX (W/m^2)	Distance (pc)	Luminosity (ergs/sec)	bp_rp	g	Absolute G
1.12E-15	1213.886866	1.97E+032	1.341127	10.343331	-0.07756
3.5E-15	813.7358613	2.76E+032	--	15.621361	6.068944
3.58E-14	2605.52371	2.9E+034	0.740088	6.723901	-5.35557
2.75E-15	2374.169041	1.85E+033	0.512766	8.631836	-3.24572
2.01E-15	419.5686834	4.22E+031	0.516416	5.117424	-2.99659
9.41E-15	1271.779219	1.81E+033	0.750782	14.334648	3.812589
2.91E-15	342.1025623	4.06E+031	1.65083	10.523275	2.852493
9.84E-16	460.9994468	2.49E+031	2.169951	18.267197	9.948695
1.44E-15	1631.055293	4.55E+032	2.3158	14.868279	3.805936

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Corrected Absolute G	Corrected BP-RP	Source_info	AG	E(BP-RP)	Source extent
-0.51756	1.128127	Non_Variables	0.44	0.213	0
		Non_Variables	--	--	0
		Non_Variables	--	--	0
		Non_Variables	--	--	0
-4.34709	-0.15808	Non_Variables	1.3505	0.6745	0
3.477289	0.577282	Non_Variables	0.3353	0.1735	0
		Non_Variables	--	--	0
		Non_Variables	--	--	40.70812
		Non_Variables	--	--	0

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Temp (Kelvin)	luminosity_GAIA (ergs/sec)	RADIUS	Orbital Period (Days)	Source classification
4742.25	94.339	14.39	0.004968	RS CVn Variable
--	--	--	No	X-ray Binary
6040	10200.167	92.23	21.167	High Mass X-ray Binary
7023.79	1455.192	25.76	0.3573	High Mass X-ray Binary
6787.03	1152.92	24.56	0.34	High Mass X-ray Binary
6053	2.194	1.35		X-ray Binary
4200	7.962	5.33	0.5949	Rotating Variable
--	--	--	No	Not_known
3505	--	--	13.999	Not_known

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New source class	Abhishek's classification	comments	Referenecs	Source nature
IB	XRB		11	Below the line
XRB	XRB		44	Below the line
XRB	XRB		1513	Below the line
XRB	LPV		320	Below the line
XRB	IB		312	Below the line
XRB	XRB		103	Potential compact object
SS_IB	XRB		8	Below the line
Not_known	XRB		Not_known	Potential compact object
Not_known	XRB		Not_known	Below the line

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Spectral type	optical_flux(W/m^2)	flux_ratio	XMM?	CHANDRA?	VLA?	RACS?	Unnamed: 31
K0III C	2.1E-12	0.000997	No	No	No	No	
Not_known	1.63E-14	0.402323	No	No	No	No	
B0.5Ia C	5.89E-11	0.001136	Yes	No	No	No	
B1Vne C	1.02E-11	0.000506	No	Yes	No	No	
B0.5IVpe C	2.59E-10	0.0000145	Yes	No	No	No	
K0/3Ve D	5.32E-14	0.330683	Yes	No	No	No	
G8IIIe C	1.78E-12	0.003056	No	No	No	No	
Not_known	1.42E-15	1.293708	No	No	No	No	
Not_known	3.26E-14	0.082725	No	No	No	No	

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Unnamed: 32	a1	a2	E_p	Spectra
	1.51416468984323		0	0 Spectrum
	2.1351547699735		0	0 Spectrum
	-2.5	0.703622556165427	2.33754212639161	Spectrum
	1.11743358375855		0	0 Spectrum
	-0.683717404033632	2.20369895358872	1.27018919107809	Spectrum
	-2.1789255412286	2.62851423517109	0.45269419008209	Spectrum
	-1.47928858786323	4.46739938396359	1.02431120277985	Spectrum
	1.8846820656874		0	0 Spectrum
	2.3352434870995		0	0 Spectrum