4 Ony

14802 2 20.2 -24 13 G1 V

4488

5.20 +0.60 +0.11 (2)
4.95 +0.24 std

m(I)
+4.75
471

44Y(A)
99C(7)

70

Δ(B-V) +085
Δ(U-B) +14

126

14802.000*

2.000*
20.300*
-24.000*
-3.000*
0.202*
-0.060*
0.700*
13.804 MM
18.400

0.457

73-57
+5.336

2 23 23 +05 33 12 -75.75
-12.7 (0)c
-20:

2.95 78 31 (1)

374 124
2.557
2.4
+5.55
376
124
1.8
-20

15096

7.93 485 333 149
791 484 327 137 (1)
486 768 (143)

-11.9 (50)

Orbit
Sp B

127

2.400
5.550
376.000
129.000
1.800
23
-20.000

0.667
0.426
0.611
1443.390
20.840

-0.654
0.728
0.205
-714.803
-20.481

124

0.358
0.537
-0.764
962.401
37.334

15138 1 24.5 +50 21

+49.66

HR709

278 147 475 2640

A_0 441

1320
109
1339

70436 -089 Carlsbug

35-89

55
-89
348
-513

128

```
R.A. :    2.400
DEC. :   50.350
R.A. :   55.000
DEC. :  -89.000
ANCE :    3.480
ULUS :   50
VEL. :   -5.300
```

10126.000*

1.000*
36.800*
27.000*
51.000*
0.493*
0.156*
3.250*
44.668
54.600

1.968
0.596

120.441

-1.037
0.582

-14.524

1.030
-0.553

15.837

28

Card #2

15225

+PL498

-0195 ± 2.1

-0199 +

2 24.7 +9 59

-201 ± 1.9

-200

-38.5 (11)

Pb-V

49.023

43.585 1897.0 +9 5-8 38.63 1893.0

1.034

44619

6.45 304 145 411 (2)

298 152 410

11.46

5009

174

43.848

+22

.870

796 136

42.05

+4

42.09

19343

.82

4.55

-0198 -204

-292 -204

(40.3)

43.756

+5

764

40.15 1940.25

+26

40.41

37.3

(44.3)

-.802 ∆0 404

817

+8.75

+4

41.25

-8.84

-256

-207

2.4

-38.5

129

R.A.	:	2.400
DEC.	:	10.000
R.A.	:	-296.000
DEC.	:	-204.000
TANCE	:	2.460
DULUS	:	31
VEL.	:	-38.500
11 (U)	:	0.667
12 (U)	:	0.378
13 (U)	:	0.643
dU	:	%-1286.421
U	:	-64.676
71 (V)	:	-0.654
72 (V)	:	0.710
73 (V)	:	0.261
dV	:	217.019
V	:	-3.318
q1 (W)	:	0.358
q2 (W)	:	0.594
q3 (W)	:	-0.720
dW	:	%-1068.733
W	:	[illegible]

129

1397 2 25.9 +29 42 5.9 dbo +40.3 b

140 15.335

GC 2964

+290423

720

5.88 +0.58 +0.01 120.5 = +10

+5.05 -74 +48.26 +47

C = +6

-057 -0053 ±0.0 -0056

+073 +076 ± 2.4 +067

+42.0 +40.0 -0055 +073

AG 1332 85 2

25 52.032 1504.7 +29 42 29.01 1885.7

-4.13 24.88

+40.68 (A) .272

G5 308 +3.80 27.13

27.82 +05 27.87

1940.06

π = 0.64

M_V = +5.1

+24 +26 -17

-0.44 ±0.5

52.077 + 12 .089

547 515

+25 +30 -15

+3.9

3 87 174 303 2.549

387 160 370 (D)

378 267

0.304 +0.2 +350

-0.72 +0.70

16

5 38 887 160 370 (B)

387 174 323

5300 156

27.45

+2.57

130

15335.000*

2.000*
25.900*
29.000*
42.000*
-0.072*
0.070*

2.400
R.A. : 29.700
DEC. : -74.000
R.A. : 68.000
DEC. : 1.260
ANCE : 18
ULUS : 42.000
VEL. :

0.667
(U) : 0.139
(U) : 0.732
(U) : -158.330
dU : 97.926

15748 2 29.7 -15 28 F5 -27.5 ③ Var

HR740
BC3045

4.74 +45 -02
4.75 +45 +01
4.75 +45 00

188 +39
422 +100
+99

2.75

7644

1298 1348 1453 4½ 2.643
3.58 133

[m] 188 202 +21
[c] 422 422
+39
+126
11.6

290 150 480 2.640

+12.5

2.3

3.15 +17 17

-1208 FK5 FK4

-0707120

-73
-120

-29.4 G

C 402
+2.81
34
317

	740.000*
	2.000*
	29.700*
	-15.000*
	-23.000*
	-0.075*
	-0.121*
2.0	2.300*
25.1	23.840
	-29.400
	-3.588
	0.434
-275	-29.717
	-0.196
	-0.085
-2	-3.147
	-3.266
	-0.897
V31	
+20	18.711

15830 2 31.0 442 34 + 16.5 (B)

244-31
+42.550

7.58 426 2.28 334 2.784
759 430 232 323 (1)

C_0 318

132

q2 (U) : 12
q3 (U) : 54.88
dU :
U :

-0.657
0.469
0.590
q1 (V) :
q2 (V) :
q3 (V) : %-1692.70
dV : -45.803
V :

0.379
0.882
q1 (W) :
q2 (W) : -0.280
q3 (W) : -73.555
dW : -7.026
W :

16160 2 33.3 +04 39

GC3121

+520 5.82 +0.99 +0.77 5 dK4

+60398 B 11.66 +1.62 +1.09 dM6

+71 +1 +33 -147 +1209 +1460

+1213 ±1.6 1460 ±1.6 +1.507 +1.459

1.8068 1.4567

+2248 vw (7)

14m M6 165"

(48A(16)

(39M(10)

(50Y(12)

620 784 114 993 +1.807 +1.059 +23.4 164 +3 6865

-1.120 -105 1.417 132 -5.932 6.216 +23.2 +18 +14 .1

-41 +26 +71

+0
16140 2 33.3 +6 39 1253 ~~+28.4~~

26.9

5.82 +0.99 +0.77

δ = 05⁻?

[illegible]

π = +47

1645
885

1485
487

1.48

133

16160.000*

133

2.000*
33.300*
6.000*
39.000*
1.801*
1.458*
-0.750*
7.079 207
26.000
LB 4
8.334
0.646
7579
~~7.051~~ +93.7
-0.599
0.193 -1.0
75
~~0.845~~

6/3 67
-0.467

7.8

780

83

+0.6

6

+33.1

— 5200 2 28.2 +6 10

2 33.2 12.5 +6 34.92

W 1464 (A) .126 ±3 S

A
5.82 +99 +0.775 M
5.86 +0.95 +0.50 1 R
5.79 +0.98 +0.98 C
} R2 ≡ R

B 11.66 +1.62 +1.09 dm6 JM

11.66 M —
+0".147

Ci 20.175 +1.79 +1.45

457
446
53

+6°346

A +23.11 7 W V
+22.5 W 5
+26.4 V 2

* Common mot. with G.C.3121 (5.9mag., K0): parallax is assumed to be same for both stars.

AB — 109°, 165"

0.4
+23.1

5.36 +0.36 R
10.26 +1.28 R

+1.805 +1.460

+1.822 +1.463 5 R

134

396.000*

2.000*
33.200*
6.000*
35.000*
0.805*
1.460*

30 1

16176 2 33.8 +38 31 F5

HR756

313266 L_0 392 5.43 +48 +04 2Egg

68 .820 .160 .463 (2) SPC 2-641 (4) C4

[m] 218 +17 827

[C] 399 +72 +89

+14 -17

+1933 -183 -1 +425 -146 -193 GC 51429

+143-193

343B. +16.0 -345 -183

+442 -952 -503

+30

2.55

+1.46

+0125 -163

147 -163

(underlog)

188 -163 +1.4

B5

735.000*

2.000*
33.800*
39.000*
31.000*
0.143*
-0.193*
2.950*
33.905
1.400

0.428
0.767

17.725

-0.919
0.547

-35.004

-0.518
-0.357

-23.606

135

R.A.	:	2.550
DEC.	:	38.500
R.A.	:	188.000
DEC.	:	-163.000
STANCE	:	2.820
ODULUS	:	37
. VEL.	:	1.400
q1 (U)	:	0.644
q2 (U)	:	0.009
q3 (U)	:	0.765
dU	:	441.871
U	:	17.263
q1 (V)	:	-0.659
q2 (V)	:	0.515
q3 (V)	:	0.548
dV	:	-857.588
V	:	-30.658
q1 (W)	:	0.389
q2 (W)	:	0.857
q3 (W)	:	-0.338
dW	:	-390.641
W	:	-14.788

135

16220 2 34.1 +32 40 dF6 2.6 +32.66 90 60 3.0

HR761 1.07 GC3139 2.1 F_D 378

.1321 .151 .1438 (2) SPC 2.621 C+ (+) 0.2

.104 331 +1.5 .1.2

[m] 209 +26 [L] 324 +52/98 ? ✓

+0060 +063 -.31 F104 E3.0

+074 +060 +0.2

+0068 034

439 080 765 -640 569 491 396 819-416

2029 0243 -2096 1726 1258 2484

+2272 -0370 +3742

0060 034 102 24 3.02 1.2 +0.2 +0.1 -0.1

+021

+0060 ±3,0 +063

+067 +064 BL →

2.550

R.A. : 32.650

: 182.000

+6232 / +6

744 / 65

2 341 +24 20 346

+06 232 ~~605~~ 372 (1) (381)

325 177 380 2646 +465

(424)

+01 321 266 164 477 2678 +3.55

650 259 ~~193~~ 474 (1) (476)

+0105 -011 6482 5907 1531

+0044 +003 5297 -134 0056

+0102 -004 ~~60~~ 461 +11

Cable

~~134.2 -004~~

143 -011

317

322

1345 2910 +0102 -016

2055 291

206 2915

2.22

136 -16

153

-16

2.95

-14.7

~~60~~ 400

137

R.A. :	2.550
DEC. :	24.350
PM. R.A. :	0.000
PM. DEC. :	0.000
DISTANCE :	0.000
MODULUS :	10
RAD. VEL. :	0.000
q1 (U) :	0.644
q2 (U) :	0.196
q3 (U) :	0.740
dU :	0.000
U :	0.000
q1 (V) :	-0.659
q2 (V) :	0.634
q3 (V) :	0.406
dV :	0.000
V :	[illegible]

R.A.	:	2.550
DEC.	:	24.350
R.A.	:	153.000
DEC.	:	-16.000
TANCE	:	2.950
DULUS	:	39
VEL.	:	14.400
1 (U)	:	0.644
2 (U)	:	0.196
3 (U)	:	0.740
dU	:	410.574
U	:	26.623
1 (V)	:	-0.659
2 (V)	:	0.634
3 (V)	:	0.406
dV	:	-483.276
V	:	-12.962
1 (W)	:	0.389
2 (W)	:	0.748
3 (W)	:	-0.537
dW	:	200.390
W	:	0.060

137

16234 2 33.9 +12 14 dF5

HR763 12153
GC3133
31 Ari

5.66 +47 -05 3599
331 151 381
381 148 41
.336 .146 .380 (2) SPC 2.615 (3) C+
333 175 380

[m_1] 206 +138
[G] 343 +16

2.64 +24 -35 +5
+71 -1 127

0.50 -0886 F5 Sup

2.66 -88

0.93
-88
2.56
+5

Var Vel

2.615

$\Delta m = 0.0$ mag

reprint sent in

31 Am

+0190 ±1.7 −082 ±1.5
+0188 −085
16234 2 33.9 +12 14 5.7 dF5 +6.88
0191 −084

1471

3133 54.037 1896.2 +12 13 54.95 1856.2
−1.022 6.222 4.41 +0190 −0845
33 53.015 59.36 +01882 −0828
54.874 5341 2222
278 −0814
53.720 −2 −13 56.30 1934.3
2.88 19 374 53.88 0
7.22 739 56.301833
2201
288 32.288 38.2 7 23.18 1428.09
21.252 734 34.15
−86 53.540 57.33 103 3
2.1 0.43 −96
53 9 56.37 1940.06
15.83
+12 +24
595 +7.1 56.11 56.61 34.4
−3.25
53.861 867 55.34 55.42 38.2
+1 +1

138

2	850
12	.250
285	.000
-86	.000
2	.100
	26
0	.000
0	.644
0	.347
0	.682
708	.727
24	.098
-0	.659
0	.705
0	.264
-1156	.845
-28	.319
0	.389
0	.613
-0	.682
261	.441
1	.419

138

R.A. :	2.550
DEC. :	12.250
R.A. :	293.000
DEC. :	-88.000
TANCE :	2.560
DULUS :	33
VEL. :	8.000
1 (U) :	0.644
2 (U) :	0.347
3 (U) :	0.682
dU :	729.302
U :	29.165
1 (V) :	-0.659
2 (V) :	0.705
3 (V) :	0.264
dV :	%-1187.935
V :	-36.509

675-75 2 342 -3 21 dio +8.6

16.289
-3.410

8.04 544 477 241 (2)

(47) 40

-21

720
6.753 +6.29
6.46

70222 +059 (Cancelar)

$\boxed{382\ 59}$

383
59
1.63
+8.6

R.A.	:	2.500
DEC.	:	-15.450
1. R.A.	:	-73.000
1. DEC.	:	-120.000
STANCE	:	1.570
MODULUS	:	21
P. VEL.	:	-27.500
q1 (U)	:	0.652
q2 (U)	:	0.622
q3 (U)	:	0.435
dU	:	-570.986
U	:	-23.715
q1 (V)	:	-0.657
q2 (V)	:	0.749
q3 (V)	:	-0.086
dV	:	-206.712
V	:	-1.900
q1 (W)	:	0.379
q2 (W)	:	0.230
q3 (W)	:	-0.897
dW	:	-256.933
W	:	19.361

13

15830 2 31.0 +42 34 + 16.5

2431
+42550

7.58 426 2.28 331 2.584
759 430 232 323 1

C_0 318

+0374 -192

406 -192

352
-192
258
+165

132