55526 7 (NO) 09.4 −48 51 gK

41686 5.14 +1.23 +1.30 (3)

04(12) 4.55 +0.47 (2)

516(8) 4.05

27 4.58 Δ(B−V) −05

−0.5 Δ(U−B) −17

.012 → +86.8 −53.0 +4.4

+9 +1 +3

StrCN

723 24 8 30.0 +24 15 120.II

Y12035 6.35 +1.04 +0.87 (3)

23 w(L) 5.93 +0.35 (2) [illegible]

558
618
60

Δ(B−V) −07

Δ(U−B) −04

.006 → +84.7 −53.0 −13.6

+1 −2 −3

82328 ♀ 29.5 +51 54 FL IV

42264

13m 41s 3.17 +0.465 +0.025 (4)

60 A(16) 3.00 −0.165 J

33m(8) 284

57 150 Δ(B−r) +03

+1.34 Δ(U−B) +01

HB

.050 +80.8 −53.0 −42.0

+35 −24 −26

Old

89668 10 18.2 -1 13 K3 V

Y2426

-46(6)
40m(6)
434(10)
-10V(7)

19

9.40 +1.08 +0.98 (2)
8.84 +0.415 (6)

8Y2

m(I) π(rel)
+6.08 .0335
8.45
+01 236 .0365
Δ(B-V) ~~.005~~
Δ(U-B) +01

U V W
+73.2 -55.6 -16.5
+2▮ -11 -19

+350 -0."360 -0.'150

→ (+6.23) +68.2 -53.0 -21.0

4lgy gr -

95272 10 52.3 -18 02

7 2562

37 Y(8)
10 C(7)
24

4.07 +1.09 +0.98 5 } 4.08 + 1.095 + 0.99
4.08 +1.10 +1.00 5

3.45 +0.39 5

32.7
33.0
-0.03

+0.37 (2) Plus
+0.38

δ(B-V) -05
δ(x-5) -075

.0222 +99.0 -53.0 +5.5
+22 -3 -5.

106365 A 12 11.6 +33 04 1P2 III

notyet

6.84 +1.15 +1.06 ⑤

(6.34) +0.39 4 PHS

6.40 δ(B-V) -105

-06 δ(U-B) -145

.0050 → +83.8 -53.0 -24.2

+4 -3 -1

X

111884 12 50.2 −54 41 R3 III

Nubjade

5.52 +1.32 +1.40 (3)

5.35 +0.495 (2)

4.45

4.55

7.70

δ(B−V) −09

δ(U−B) −21

.005 +40.7 −53.0 +8.4

+5 −3 0

dd 156 V

120467 13 47.1 -21 5-1 dF

Y 3154

844(10) 8.24 +1.23 +1.16 (2) M(I) π(rel)

55(17) 7.50 +0.495 (4) +6.5 .079

7.0 0.50 → 092

Δ(B-V)

88m(5) 7.00 δ(U-B) +0.35

U V W

+94.2 -64.5 -21.1

+55 -65 +1

-35.3 -1.720 -0.490

→ (+6.83) +87.2 -53.0 -21.1

+34°2541 14 33.0 +33 58 old dM0

Y330m 9.56 +1.28 +1.17 (4) M(I)

48M(B) 8.79 +0.535 (2) +6.71 π(rel)

825

154 .049

Δ(B-V) +.03

Δ(U-B) +.085

≤ .048

u v w

+72.6 −45.0 −21.1

+30 −16 +13

−51.5 730 +220 .048

(+6.66) → +80.1 −53.0 −17.9

x

127339 14 28.2 −8 25 107 IV

Y'3285

48C(7)

72m(7)

61Y'(10)

52Y'h(6)

3V(8)

9.42 +1.415 +1.245 (2) n(I)

8.50 +0.665 (2)

+720 H(nf)

B(B−V) −025

784

18[4]

B(U−B) +025

64 0735

080

n v w

+64.4 −57.8 +2.0

+35 −47 +16

−1.265 −23[b]

26.5

(+7.6) +60.8 −53.0 +6

0.4

128428 14 34.3 −4 04 dG3

M(I)

Y 3303 7.71 +0.77 +0.38 (5)

12 (20) 7.50 +0.255 (4)

19C(7) 225

15

Δ(B−V) −04

Δ(U−B) −005

Sg

U V W

+3.40

−43.0 −0.346 +0.021 π 0165 +92.5 −5 3.1 +9.1

gp +11 −10 +7

6149

BD9942 14 48.8 −24 06 old

Y 3354

		m(I)	π(wt)
	7.82 +1.0? +0.86 (2)	+5.68	.054
81 m(7)	7.38 +0.355 (4)	7.02 / 1.34	
634(12)			
51C(7)	7.02 Δ(B−V) −.03		
64	D(m−B) −.065		→ .054

u v w

+6.50 −0.″938 −0.″421 +93.8 −55.9 −23.9

+23 −43 +1

Wilgg +5.76 +92.2 −53.0 −24.2

(3 1111 14 48.5 +37 24 100 III-IV

43257

5.47 +1.03 +0.84 ③

26 A(16) 7.44 +0.38

4.58

4.15

+43

Δ(B-V) +01.5

Δ(U-B) +03.5

1015 +77.9 -53.0 -32.2

+9 -4 +4

Ded

+24°2824 15 07.0 +24 12 128

Notyali

9.29 +1.07 +0.94 (2)

8.80 +0.40 (2)

840

Δ(B-V) 00

Δ(U-B) +01

m(I) M(pt)

+4.00

840

240

033

U V W → 031.5

+83.3 −45.4 −4.4

+20 −10 +14

−51.0 −0.520 +1.200

(+5.40) +98.3 −53.0 +6.0

137704 15 24.3 +34 31 K4 III

Notgale

5.44 +1.41 +.465 (3)

(4.44) +0.56 (2) P U V

408
590
-182

D(B-V) +.065
D(U-B) -37

.0065 +89.2 -53.0 +5.9

+5 -2 +3

ad

134928 15 10.7 −41 16 G8 V

43431 K1 V

17C(4)

m(I) π(pt)

B 8.70 +0.84 +0.45 (4)

8.28 +0.265 (3)

Δ(B−V) 00

Δ(U−B) +04

+485
+5.20
8.02
2.77

.0235

A 8.49 +0.80 +0.38 (3)

8.04 +0.275 (3)

Δ(B−V) +01

Δ(U−B) +05

+4.60
0.74
2.82

→ .02

−41.4 −0.255 −0.256

U V W

+67.1 −42.8 −25.8

+8 −15 −4

→ (+4.50 / +4.26) +72.5 −53.0 −25.8

224085 23 52.5 +28 21 120 VI

Sp 6d.7 G8p

7.42 +1.01 +0.66 (3) weak H

H 5777

6.84 +0.495 (1)

39 H(28) 4.34 B(B−V) +22

16 m(K) 2.72 Δ(U−B) +53

34 +3.62

7 .0285 +28.3 −53.0 −4.7

1 61 yy +24 −11 −4

149324 16 35.9 −77 25 120 IV

4/3765

4.23 +0.06 +0.96 c

3.78 +0375 ②

38 Y(10) 340

350

20C(8) −.10

27

Δ(B−V) −04

Δ(U−B) −9.5

.020 +94.4 −530 +12.8

+15 −15 0

2010491/2 21 04.7 +38 30 125 II
Y'5077 127 I
.292 wt. A 5.19 +1.19 +1.10 std m(I)
4.59 +0.465 std
4.13
2.33
Δ(B-V) -02
Δ(U-B) +015 +0.46
B 6.06 +1.37 +1.23 std
5.26 +0.595 std
Δ(B-V) 00
4.66
2.33
Δ(U-B) +06 6.59
U V W
+91.1 -53.3 -8.3
-53.0 -57 +24.1 +28 -43

old

209742 22 03.6 -45 38 K2 III

Y5324

8.45 +0.85 +0.50 (2)

8.06 +0.305 (2)

m(I) +5.22 / 776 / 2.54

π(pt) .031

644(12)

25-6(5)

419

774

Δ(B-V) +03

Δ(U-B) +065 → .025

-22.4 +0.387″ -0.259″

U	V	W
+58.2	-46.7	-10.1
+14	-15	-9

(+4.75) +65.2 -53.0 -14.6

216777 22 53.2 −08 05 G6 III

Y5561

61M(9) 8.02 +0.65 +0.00 (6) n(±) M(M)

44Y(12) 7.73 +0.23 (4) +4.2 .022

18C(6) 7.30 7.5

44 3.3

Δ(B−V) +0.1.5

Δ(U−B) +~~12.5~~ +12

✓

W.D. Sp. 16.50 +0.42 +0.46 (3)

3.3

MV 13.2

u v w

+98.0 −52.3 −32.0

+20 −9 −11

−23.7 +0.520 −0.045

22

+42.0 ← +98.0 −53.0 −22.0

61 Cyg

Yours

834 0 10.1 -27 08 K0 V Cape

430

					M(I)	π(rel)	u	v	w
	7.96	+0.94	+0.72	(2)	+5.85	0.050	+27.4	-2.4	-9.7
117 (4)	7.61	+0.33		(2)	726	1.20	-14	-1	-2
					143				

$\Delta(B-V)$ -0.01

$\Delta(U-B)$ -0.03

ρ	μ_α	μ_δ
+6.0	+0.280	+0.″119

Old

-53°77 0 20.5 -52 48 K3 V

YCY				M(I)	π(rd)	U	V	W
	9.84	+0.84	+0.44 (2)	+5.4	0.018	-17.5	-91.0	+103.0
YCC)	9.47	+0.35 (2)		9.1	3.72	-6	-20	+9
OY(S)				3.72				
9				Δ(B-V) = +0.13				
				Δ(U-B) +0.34				

-58.2 +0.070 -0.474

~~Young~~ old

2025 0 21.9 −27 18 K3 V

Y66 M(I) M(int) u v w

7.95 +0.925 +0.66 (3) +5.58 0.050 +59.1 −24.9 −10.9

7.46 +0.37 (2) +151 → +30 −12 0

50(7)

Δ(B−V) +0.08

Δ(U−B) +0.19

+4.2 +0.670″ +0.086″

Old

3222 00 32.7 -63 58 K0 V

Y 921

	8.57	+0.85	+0.49	(2)	+5.38	0.033	+80.2	-118.1	+34.9
10 Y(10)	8.08	+0.34	(2)				+26	-39	+12

1.55 M(I) π/t U V W

774

2.39

57 C(6)

29

Δ(B-V) = +0.10

Δ(U-B) +0.24

+1.6 + 0.882" -0.522"

Young

4378 0 43.4 −42 11 1K6 V

4146 1K6 V

m(I) π(rel)

A 8.48 +1.17 +1.14 (2) +6.60 0.074

7.25 / 0.65

78C(7) 7.74 +0.495 (2)

Δ(B−V) = +0.07

Δ(U−B) +0.05

B 9.06 +1.27 +1.18 (2) m(I) π(rel)

+6.90 / 7.72 0.0685 U V W

8.29 +057 (2)

0.071 → +17.2 −8.9 +25.4

Δ(B−V) = +0.085 +10 −10 0

Δ(U−B) = +0.10

ρ

−25.5 +0.″280 −0.″070

old ~~years~~

4747 0 47.0 −23 29 dG7

7162

m(I) π(rel)

7.16 +0.77 +0.30 (4) +4.85 0.0435

6.44 +0.29 (3) 6.65 1.80

58 Y(10)

52(M) ~~58~~ 58

u v w

Δ(B−V) = ~~+0.85~~ 0.7 +54.6 −19.2 −4.8

Δ(U−B) +0.7~~0~~ +24 −9 0

+5.0 +0.″511 +0.″122

8389 1 20.5 -13 14 dK6

+283

K6

A 7.85 +0.90 +0.69 (3)

M(I)

45C(?) 7.52 +0.28 (2)

Δ(B-V) +.09

Δ(U-B) -.255

5.27

7.24

1.97

M(I) π(M)

B 10.30 +1.38 +1.26 (3)

Δ(B-V) = +.025

Δ(U-B) = -.015

+2.35 0.0535

8.71

1.36

U	V	W
+38.1	-22.3	-27.2
+16	-14	+2

9.42 +0.71 (2)

+30.6 +0.454 -0.028

yours

10002 1 34.8 -29 39 NOTE

Y 33b			M(I)	π(pt)	U	V	W
	8.13 +0.84	+0.15 (2)	+5.40	0.023	+26	-33.7	-3,5
			7.62				
52C(8)	7.60 +0.275 (2)		2.22	034	+8	-11	+2
23Y(10)							
35			Δ(B-V) = -0.5				
			Δ(U-B) = 0.00				

+11.2 +0".282 -0".070

31.5
0.282
3

Young

10360 1 37.9 -56 27 K2 V

4352 M(±) K5 V Emm

B 5.96 +0.88 +0.60 (1) +5.98 π(abs)

1574(12) 5.55 +0.305 (2) Δ(B-V) = 0.0 52 / +33 0.117

1816(8) Δ(U-B) -0.35 +47

148 π U V W

1120 +5.4 -16.4 -16.3

A 5.83 +0.85 +0.55 (1) +1 -8 +2

5.42 +0.30 (2) M(±) π(abs)

Δ(B-V) = +0.02 +5.90 .122

Δ(U-B) -0.01 5.12 / +5.8

AB 4.70 +0.33 3 Kw

old

10700 1 41.7 −16 12 G8 V

#365

3.50 +0.725 +0.22 (4) M(±) +5.10

~~313M~~ (5) 3.17 +0.270 std

364a

Δ(B−V) +0.05

(275 Wt. 34) Δ(U−B) +0.155

U V W

−19 +29 +12

−38 +82 −8

ρ

−16.2 −1.″718 +0.″858

Old

11020 1 45.3 -27 00 1°1 $\overline{V}$

4376 m(1) π(pt)

9.00 +0.795 +0.37 (2) +4.60 0.017

8.45

8.73 +0.28 (3)

50 c(7) Δ(B-V) +0.015

Δ(U-B) +0.075 U V W

-46.4 -40.1 -32.7

-12 -6 -1

e

+25.0 -0."114 -0."265

old

11964 1 54.7 −10 29 G5

4406

$M(I)$ ↓ mult. sq.

18C(6) A 6.43 +0.80 +0.44 (3)

? 5.21 +0.29 (2)

$\Delta(B-V) = +0.055$ +4.85 5.52

$\Delta(U-B) = +0.075$

B 10.24 +1.35 +1.20 (2)

10.44 +0.66 (2)

$M(I)$ $\pi(M^t)$

$\Delta(B-V) = +0.04$ +7.15 0.030

9.78

$\Delta(U-B)$ +0.025 2.63

U	V	W
−65.8	+8.0	−19.7
−19	+3	−8

−6.8 −0.″375 −0.″237

old

13445 2 08.5 −51 04 RO. VI

Y 445

M(I) π(rel)

6.14 +0.825 +0.45 (2) +5.08 0.087

5.67 +0.315 (2) 5.35 / 23 90

u v w

Δ(B−V) = +0.075

Δ(U−B) = +0.16

+105.1 −78.2 −23.9

+94 −47 +19

874 (10)

76 c (8)

83

Pop

ρ

+52.4 +2.″142 +0.″656

Joung

13435 2 08.5 -28 27 K2 V

7.05 +1.02 +0.89 (1)

6.70 +0.355 (2)

M(I) π(M)

+5.97 0.082

4.34 37

Δ(B-V) = -0.04

Δ(U-B) = -0.095

u	v	w
+13.0	11.5	-37.6
+3	-3	+1

+39.5 +0.″095 +0.″004

Young

16591 2 36.3 −42 07 K0 V

no Yale

7.23 +0.945 +0.64 (2)

6.88 +0.34 (4)

M(I) π(pl)

+5.90 0.077

6.54

64

Δ(B-V) = +0.005

Δ(U-B) +0.09

U V W

+14.2 −24.0 −40.8

+6 −2 +2

+18.5 +0".125 +0".060

17155 2 41.8 −46 39 (oel) K5 V

4559

9.06 +1.06 +0.90 (2)

13 C(6) 8.55 +0.39 (3)

23 Y(4)

18

m(I) +5.786 8.16 2.40

π(rel) 0.0315

Δ(B−V) −0.005

Δ(U−B) +01.5

U	V	W
−56.6	−32.6	+52.3
−17	−16	+7

630 gr?

+347 +0.″059 −0.″502

old 78 155
465

-42° 917 2 43.4 -41 47 KO V

Y 568 M(±) π(pt)

10.10 +0.765 +0.34 (2) +4.48 010

960

18C(8) 9.85 +0.265 (3)

515

Δ(B-V) = 0.00

Δ(U-B) +0.02 U V W

-87.5 +11.6 -37.7

-9 +1 -2

+20.3 -0.150 -0.127

Young

17925   2   50.1   -12   58   1200 E

Y 599   6.06 +0.87 +0.55 (2)

5.66 +0.31 Std

m(±) π (M)

134 M (10)   D(B-V) +02   +57.5 .113

110 Y (7)   D(U-B) +04   535

115 C (9)   -40

123

+15.8 +0.350 -0.177

U V W

+13.7 -13.4 -12.4

+6 -19 +6

old

17970 2 50.2 −33 39 N1 V

4600	8.10	+0.815	+0.415	(2)	M(±) +4.93 −2.37 2.44	π(M) 0.0315
34 Y(12)	7.67	+0.295		(2)		
34 C(7)						
34						

Δ(B−V) = +0.04

Δ(U−B) = ~~+0.045~~ +10

u	v	w
+54.8	−64.8	−25.4
+12	−14	+9

+60.9 +0.″432 : 0.″000

olld

18702 2 57.9 +05 47 150 V

4425 M(I) π(mas)

8.12 +0.84 +0.54 (2) +4.68 .026

38M(7) 7.74 +0.275 (2) 747

23Y(12) 284

-15 S(7) Δ(B-V) = -0.05

41D(4) Δ(U-B) -0.13 U V W

17 +104.9 -98.0 -4.7

+15 -28 +11

+4402 +0.″685 -0.″175

Young

20280 3 12.6 −26 38 K7 V

uvby

4676.1

40m(8)

60L(8)

52

9.12 +1.22 +1.16 (2) M(I) +16.558 π(pi) 0.050 050

8.50 +0.484 (2) 8.02 1.54

Δ(B−V) +0.01

Δ(U−B) +0.005

u	v	w
+22.1	−12.3	−2.0
+8	−4	+5

+14.9 +0.″200 +0.″186