200565 21 01.6 +3 17 dG3

45062

11 A(20)

8.45 +0.65 +0.13 (3) M(I)

8.11 +0.22 (2)

2.89

Ag

+4.29 .020

-26.1 -33.0 -6.3

Δ(B-V) -01

Δ(U-B) +058

M(I) = +4.0

	M	V	W
-0.059 -0.164	-25.4	-32.8	-6.3
m-M 3.49	-4	-4	-2

π (pt) = ~~0.025~~ 0.020

U 01/020

↔ ~~HB~~

200740 21 03.0 +05 46

Y

5.56 +0.54 +0.02 (3)

11A(16) 5.70 +0.18 (2)

552
310
+2.+2

Δ(B−V) +03.5

Δ(U−B) +08

.024 → −14.4 ~~+12~~ 0 −330 +11.2

−6 −4 0

203040 21 17.4 -20 03 dKG (X)

Y5133

9.15 +1.35 +1.26 (3)

8.81 +0.41 (3)

27L(6)
85M(7)
62Y(10)
44

770
55
715

δ(B-V) +03

δ(U-B) +03

π

-15 -32 -3

π .0775 -33.5 -33.0 -77.4

WY630

					2
					9
					2
					6.52
					330
					151
					4.10
					0(2-0)-1.25
					Δ(1-1)-0.5
					4.44
					4.44
					4.44
					40.04 (3)
					0.44
					5.40 + 11.12 (4)
					1.2+110
					4.5.5.4
2031635					

↔

2,5104 22 40.6 −41 41 9G8

Y5500 4.84 +1.02 +0.81 C } 4.84 +1.025 +0.81

304(12) 4.85 +1.03 +0.815

4.36 +0.36 (2)

4.00
4.30
-.30

δ(B−ν) −3.5

O(ν−B) +2.5

.014 −14.2 −33.0 −24.1

0 −4 0

205478

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12

HB

D17056 22 55.8 -35 47 B3V

6.10 +0.58 +0.10 (2)

5.93 +0.18 (2)

5.75

Δ(B-V) -04

Δ(U-B) -02.5

Deg

NO

+21.1 +0.004 -0.112

Lowell 630 U V W

-17.5 -33.3 -17.8

π = .015

-1 -5 0

m-M +4.12

-17.5

NU

217459 22 58.2 +02 45

neat yale

5.84 +1.35 +1.55 (3)

5.10 +0.505 (2)

460
585
125

Δ(B-V) -10

Δ(U-B) -34

.0068 -25.8 -33.0 -47.4

-2 -3 -2

⇔ old

4256 00 42.5 +01 31 dir 5

Y 144

M(I) π(pt)

8.05 +1.00 +0.88 (4) 5.68 0.050

41 m(8) 7.54 +0.38 (4) 7.16 0.0525

Δ(B−V) +0.025

Δ(U−B) −0.00

u v w

−26.2 −34.9 −31.3

−14 −19 −13

p

+6.4 −.032 −0.560

obs

→ +5.77 −24.8 −33.0 −30.0

Young

645 0 08.5 -12 51 K1 II Cape

Not Yale

M(I) Π(pt)

5.84 +1.00 +0.855 (2) +6.05 +0.162?

5.38 +0.38 (2)

87

5.11 Δ (O-V) +0.045 +54 -47 -23

73 8 Δ (U-O) +0.06 +56 -50 -16

47

130

182

-1

Bg?

6.30

371

158

13

2

158

825

1083

Old

20807 3 17.1 -62 412 G1 V

20766 G2 V n(1)

Y 701 Fe
705 Ba

5.23 +0.61 0.00 (2)

5.04 +0.225 std Δ(B-V) = +0.04
Δ(U-B) +0.20

104 C(17) 84(17)
70Y(12) 82Y(10)
84 83

10835

5.49 +0.65 +0.055 (2) Δ(B-V) 0.015
5.24 +0.23 std Δ(U-B) +0.165

u	v	n
+70.3	-46.7	+16.0
+69.8	-46.3	+16.8
+70.0	-46.5	+16.4
~~+46~~	~~-32~~	+21

Too Blue

5 Hes gr

M(gr) = 084

15555 2 27.3 -24 20 dKO

Y 507

7.32 +1.06 +1.01 (1) Probably Sg

6.90 +0.33 (3)

7C(8)

$\Delta(B-V) = -0.13$ 10

$\Delta(U-B) = -0.33$ -26

6.57
3.90
+2.67

NO

		u	v	w
$\pi = .0165$	61 kpg	+20.5	-54.0	+5.0
$m - M = 3.90$		+12	-10	-6
$M_I = 2.67$				

NO?

→ (+2.67) +69.3 -53.0 +5.6

18784 2 58.7 -7 52 dG6.

Not Yale

5.75 +1.04 +0.86 (2)
5.26 +0.36 (2)

Δ(B-V) -0.07
Δ(U-B) -0.08

Mgt of Ag

+14.2 +0.″094 -0.″066

24616 3 51.8 -23 17 dG6

4866

M(F)

6.70 +0.815 +0.275

6.44 +0.295 (2)

6.14

.50

6.4

48

28.4(10)

30.6(17)

24

Δ(B-V) +0.04

Δ(U-B) +0.13

.050 +43.7 -800 -55.5

1.50 +4 -20 +8

NO

25064 3 56.4 -05 33 dbg

Not Yale 5.84 +1.00 +0.85 (2) Sg ?

5.43 +0.33 (3)

Δ(B-V) -0.07

Δ(U-B) -0.16

510
2645
2 45

-55 +36.2

-177

394	545	730	-1032	-4456	-5688	+26.4
-455	728	-200	+1207	-6107	-4400	-22
644	395	-657	-1475	-3314	-4993	-33.6

~~Yoo~~

40105 5 53.0 -50 23 1E 1 V

Y 1364

6.55 +0.40 +0.55 (2)

6.30 +0.25 (2)

μ(±) π(pt)
+5.50 060
6.00
0.50

244 (12)
36 (17)
27

Δ(B-V) -0.04

Δ(U-B) -0.04

Sg

085 568

Probably

+44

μ(±)
+3.0
2-m 3m
π pt 025

U V W
+105.8 +5.5 +26.9
+26 +2 +7

40151 5 54.1 -22 51 dK0

Not gale

5.97 +1.10 +0.99 (1)

5.51 +0.38 (2)

Δ(B-V) -0.08

Δ(V-B) -0.11

Ref by

42983 6 11.3 +02 50 dKO

41442

7 A(20)
2 M(10)
6

7.38 +0.96 +0.80 (2)
7.01 +0.335 (3)
37
6.6
36.1

Δ(D-V) -0.02 pub sy.
Δ(U-B) -0.08

	U	V	W
U off 630 km/s	-46.8	-33.2	[illegible]
π(pm) = 0.0245	~6	-11	-3

M(1) = +36.1

-26.3 +0.066 -0.260

46114 6 28.5 -17 53 dG4

Y1516

-3 c(7)

7.72 +0.79 +0.28 (2)
7.36 +0.30 (4)

u(2) +4.9 7.0 2.2

u(vm) (036)

Δ(B-v) +08
Δ(u-B) +26

P	u	v	w
1	-15.3	-7.4	-28.9

.0155	-39.4	-16.1	-48.0
4.15	-6	-2	-10

Yor

103112 11 49.8 +10 13 d121

H(pt) n(pt)
5.52 0.685
6.70
.52

7.54 +1055 +0.895 (2)
7.05 +0.355 (4)

Δ(R-V) -0.75

Δ(n-B) -0.100

Ry?

140.6 -25.3 -7.5
0115 ~~+141~~ ~~-33.3~~ ~~-12.3~~
+14 -2 -2

108570 12 25.8 -56 08 120

42975 6.15 +0.52 +0.58 (2)

5.57 +0.38 (2)

sg

14C(8)

5.2
4.95

Δ(B-V) +11

Δ(U-B) +30

51 4
45

m-M 4.46 π(fp) .013

M(I) +0.75

η	ν	w
+58.0	-53.5	-52.2

+7.5 -0".229 -0".232

114946 13 11.5 -19 40 dG6

Y 3014 5.30 +0.89 +0.44
4.84 +0.34 (4)

sg

4Y(10)

Δ(B-V) +07
Δ(U-B) +385

	U	V	W
	+57.1	+32.4	+0.4
	+7	+1	+6

M(I) = +1

π = 020

-0084 ±141

-45.0

old

121056 13 50.9 −35 04 dRO

not iab

RI II III IV

6.18 +1.04 +0.82 (2)

5.58 +0.385 (2)

44.8 m

Δ(B−V) −0.05

Δ(m−B) +0.8

n W W

3 Hen +28.6 −45.9 12.5

+5.2 −0.277 −0.057

π = 0.025

+9 −10 +1

m−M 8.25

yellow

126201 14 21.5 +6 03 dGF

red yellow

M(I)

7.20 +1.01 +0.705 (2)

6.74 +0.36 (3)

+5.95
6.38
+3

Ag:

Δ(B-V) -02

Δ(r-B) -11

	r	V	W
π .020	+34.8	-3.9	-23.9
	+2	-1	+1

-40.4 -0.048 +0.018 Gaia +4 -4

old

136442 15 18.2 -2 14 dK0

Y3466

6.34 +1.065 +1.07 (4)
5.87 +0.35 (5)

m(I)
+5.65
T52

30 A(20)
33 Y(12)
31

Δ(D-V) -.095
Δ(U-B) -29

Ag

u v w
1031 +37.8 -45.0 -20.1

-41.0 -0.260 -0.176

145148

dK2
Ro IV

Y3659

15A(16)
34S(6)
39m(8)
30Y(12)
25W(8)

26

5.95 +1.00 +0.82 (2)
5.44 +0.35 (2)

Sg

Δ(B-V) -03
Δ(U-B) -04

-4.0

Young

15 6826 17 17.3 -5 52 G9 IV

Natyale

6.30 +0.85 +0.46 (2) m(I) 71 (pt)

5.91 +0.31 (2) +5.62 5.60 0.100

Δ(B-V) = +04

Δ(U-B) +13

Ay?

158883 17 29.8 −30 21 NO IV

Not gal

7.45 +1.00 +0.685 (2)

7.12 +0.36 (2)

Reg

Δ(B−V) −01

Δ(U−B) +125

Group mem (0, −60)

π 30.68"

14 gm.

	U	V	W
	+12	−6	+14

16 5578 18 06.7 -32 44 KO IV

6.40 +1.035 +0.77 (2)
6.06 +0.37 (1)

Δ(B-V)
Δ(U-B)

176480 18 38.7 +2 25 dRD

Y 4413.1

7.07 +1.035 +0.835 (2)

6.60 +0.355 (4)

8 A(20)

Δ(D-V) = -055

Δ(U-B) -04

55m.

76.0 -530 -54.5 Rg?

-6 -8 -5

+0.004 -0.254 L25.0

210277 22 06.9 -7 47 dcg

Y5356
31 H(20)
71 Y(10)
45

6.60 +0.75 +0.36 (3)
6.16 +0.25 (2)

M(1) π(pt)
+4.55
5.41 .0535
1.36

Y(1)
37
M(1) 3.2

S(n-r) -045
S(n-B) -08

Rubel Sg

	(u,v)	η	ν	w
Nem	0.60	-4.6	-59.9	-8.6

n-m = 207
π = .0385

Cld G8 V

211038 22 11.9 -16 04 ~~G8~~

Y5385

6.56 +0.89 +0.57 (2) (Ay)

6.11 +0.33 (2)

284(12)

30C(16)

29

578
168

M(I)
+5.47
5.78
31

Π(pt)
087

Δ(B-V) +0.5

Δ(m-B) +1.5

(Ay)

m-M=2.01

+11.9 000 -0.352

N Wolf 630

→ Π=029

Π=040

n	v	w
-20.4	-33.1	-20.2
-26.7	-42.3	-24.3
-6	-15	-4

214122 22 33.8 -31 55 N4 IV

Nolyple

A 5.84 +1.09 +0.97 (5)

5.29 +0.375 (2)

Δ(B-V) -.07

Δ(U-B) -.105

B 7.41 +1.26 +1.22 (5)

6.85 +0.445 (2)

Δ(B-V) -.125

Δ(U-B) -.155

M(±)

+6.25

+130 -.036 -0.040

m - M = 5.60

U V W

-32.0 -16.8 -0.2

Ocd

+22° 1921 8 20.6 +22 01 M0

Y 1991

4 SM(8)

9.53 +1.18 +1.125 (2) M(I) π(V1)

8.88 +0.485 (2) +6.55 8.40 0.41

18.5 0.425

Δ(B-V) +03

Δ(V-B) +0.35

~~+310 -235~~

~~+320 -220~~

-18.5 +320 -220

n	v	w
-40.6	-23.3	+13.7
+11	-12	+9
→ -41.6	-22.3	+12.9

old

+52° 1308 8 23.1 +52 21 128

Not yet

A 9.74 +1.06 +0.88 (1) m(I)
9.14 +0.415 (2) Δ(B-V) +02 +5.98
Δ(u-0) +11 873
2.75

B 10.13 +1.15 +105 (1)
9.44 +0.455 (2) Δ(B-V) 00 +6.33
Δ(u-0) +04 848
2.65

π(pt)
0295
029

-51.4 -055 +132

	U	V	W
A	-41.2	+12.1	-32.4
	0	+6	-2

old

+43° 1827 8 30.6 +42 44 dim 5

Y2036

26M(12)

10.37 +1.11 +1.09 ①

9.76 +0.415 ②

Δ(B-V) -025

Δ(U-B) -10

M(I)

~~+598~~

934 M(pl)

~~3.25~~ ~~10225~~

3.34 021

-5.0 +172 -046

u	v	w
-33.6	-16.7	+31.1
-5	-3	+7
→ -35.3	-17.1	+33.3

Yong

+430,844 8 37.2 +43 18 K5

Not gold

9.32 +1.08 +0.93 (1)

8.69 +0.405 (2)

Δ(B-V) .00

Δ(U-B) +0.35

M(I)

+6.23

8.24

~~2.17~~

2.07

π(μ)

~~.0005~~

036

0385

+56.1 -0.170 -0.297

U V W

+71.5 -35.4 +14.1

+6 -13 -7

→ +70.4 -33.1 +15.4

30445 Y 451 -17 01

cled

+70 2031 8 45.7 +6 41 dmo

Y 2104

28M(7)
7Y(8)
34V(10)
24

1036 +1.285 +1.205 (2)
9.54 +0.60 (2)

Δ(B-V) +09
Δ(U-B) +085

M(I)
+7.0
894
194

π(μ+)
1041

-20.5 +0.224 -0.424

u	v	w
-50.3	-30.5	-9.7
-15	-17	0

Lcal/630

4 [illegible]?

+66°582 8 47.5 +66 18 dmo

Notyet

9.28 +1.335 +1.225 (2)

8.42 +0.57 (2)

Δ(B−V) +02

Δ(U−B) +06

u(I) u(pl)

✓+6.85 063

>85

1.00

−20.9 +0.091 +0.108

n L W

✓−21.6 −1.8 −8.9

−5 +4 +2