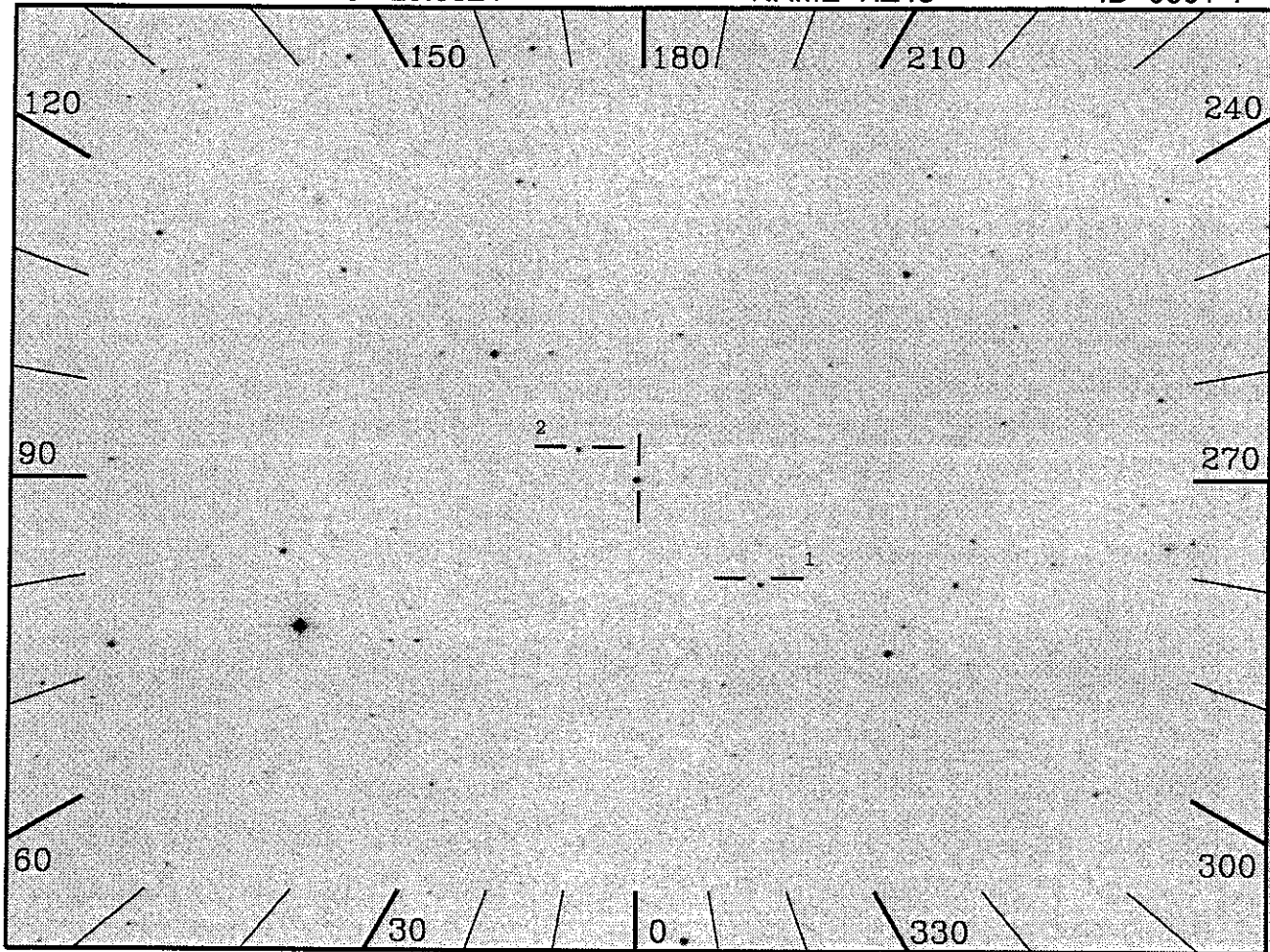


RA 198.5007

DEC 29.3624

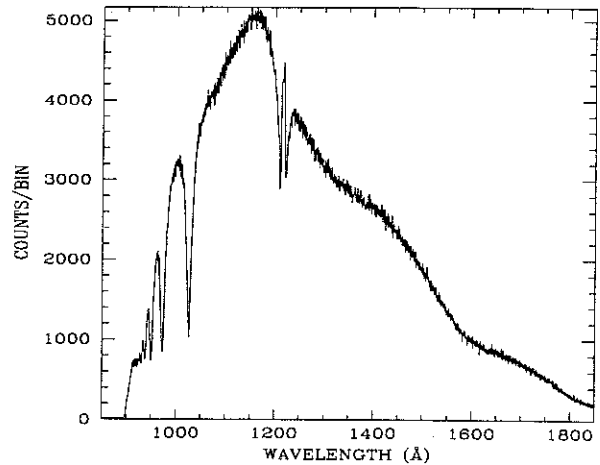
NAME HZ43

ID 0001-1



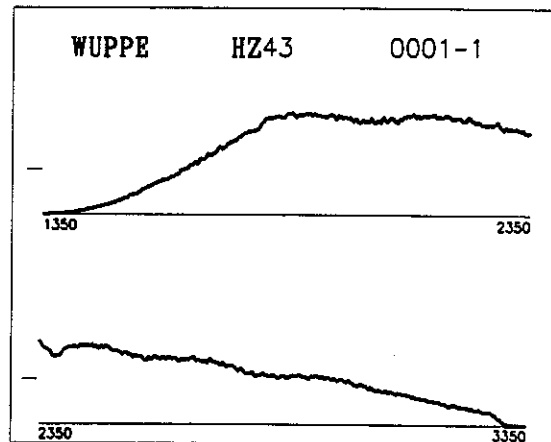
20", 1000(s), Night

OBJECT: 0001-10 HZ43
 KEYWORDS: DA1 white dwarf flux calibration
 COMMENTS:
 Hutsim: Finley model $T_{\text{eff}}=52360$ K $\log g=7.79$



ID: 0001-1 H=Prime SciPgm= H01
 Names: HZ43
 Info: DA1 V=13.01 Wupmag=8.92
 % Pol: 0%
 Pos Ang:
 Mechanism:
 Comments:

Observed during Astro-1. Flat field
 and flux calibration star.



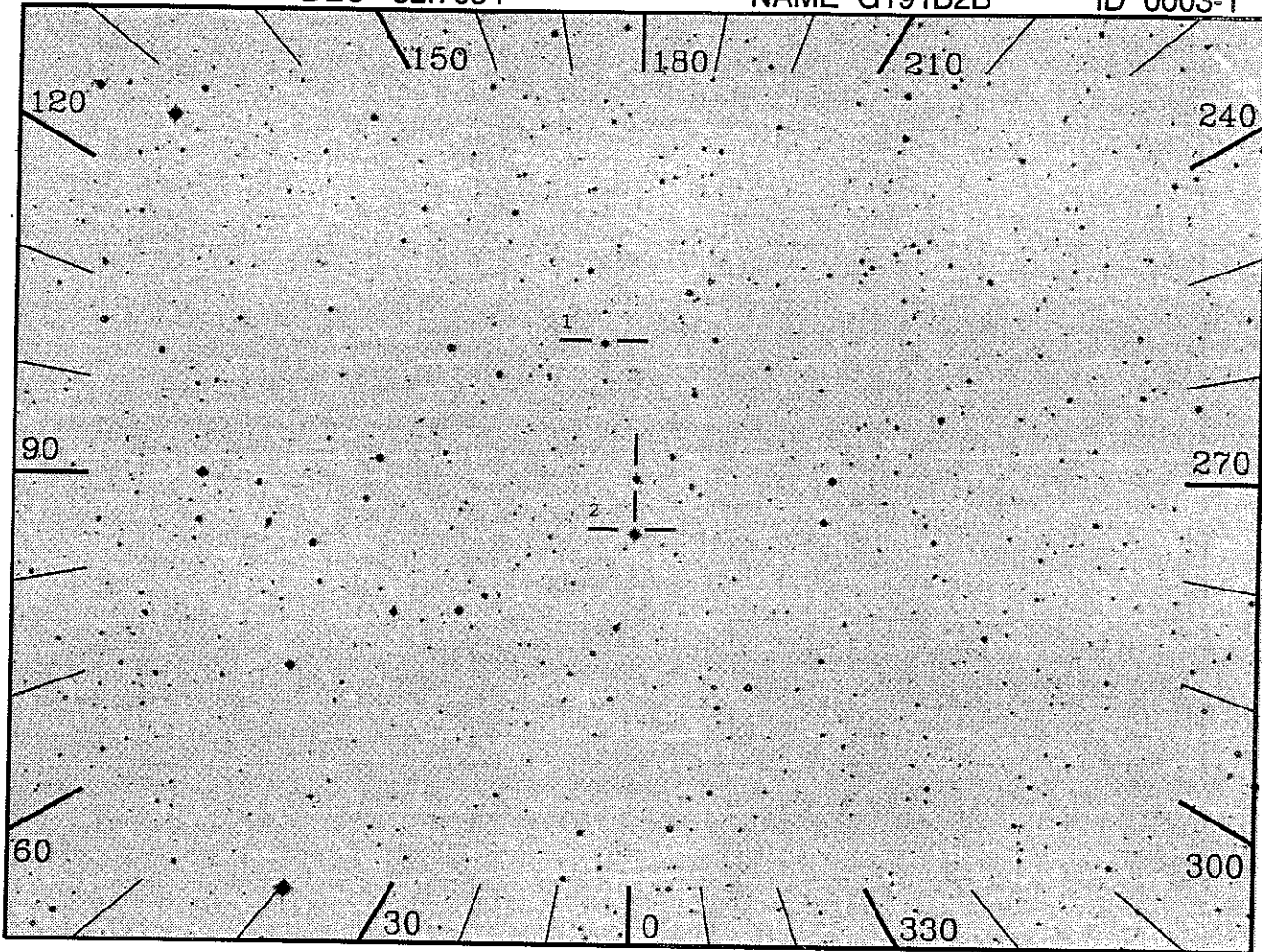
TGT/ASTRO2/FIN A

RA 75.3814

DEC 52.7634

NAME G191B2B

ID 0003-1



20", 1000(s), Night

OBJECT: 0003-10 G191B2B

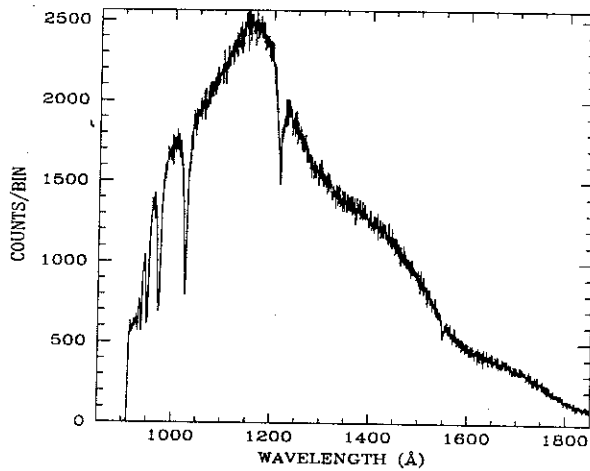
KEYWORDS: DA1 white dwarf

COMMENTS:

Hutsim: Finley model Teff=59280 log g=7.47

Partial door state calibration

HST standard star



ID: 0003-1 H=Prime SciPgm= H01

Names: G191B2B

Info: DA1 V=11.76 Wupmag=7.63

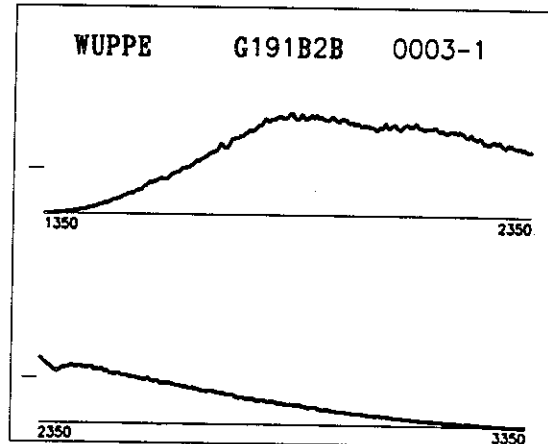
% Pol: 0%

Pos Ang:

Mechanism:

Comments:

Observed during Astro-1. May be used for flat field and flux calibration.

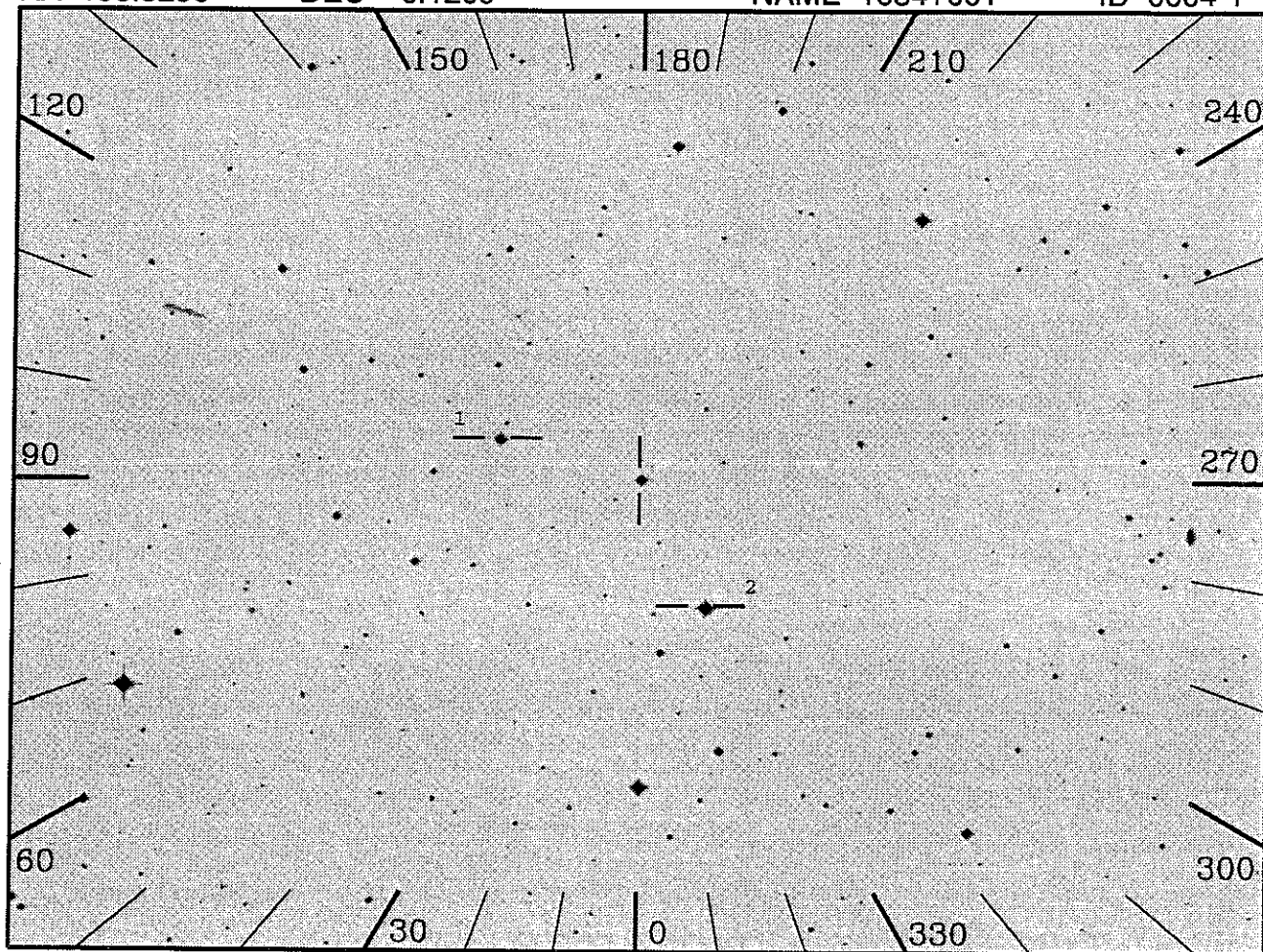


RA 158.6256

DEC 0.1209

NAME 1034+001

ID 0004-1



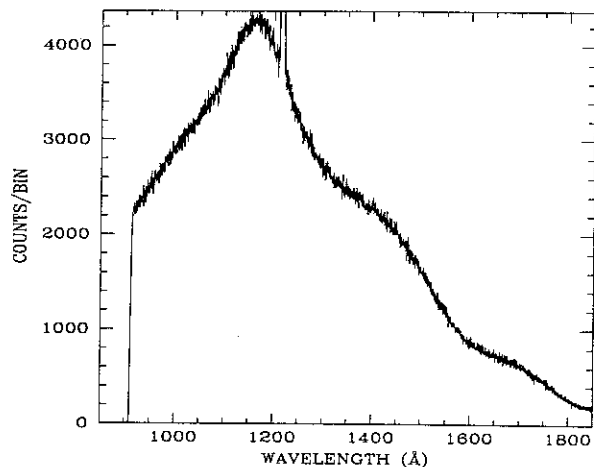
20", 1000(s), Night

OBJECT: 0004-10 1034+001

KEYWORDS: Hot DO white dwarf flat-field calibration

COMMENTS:

Hutsim: 80000K blackbody normalized to IUE flux



ID: 0004-1 H=Prime SciPgm= H01

Names: 1034+001

Info: DO1 V=12.9 Wupmag=9.03

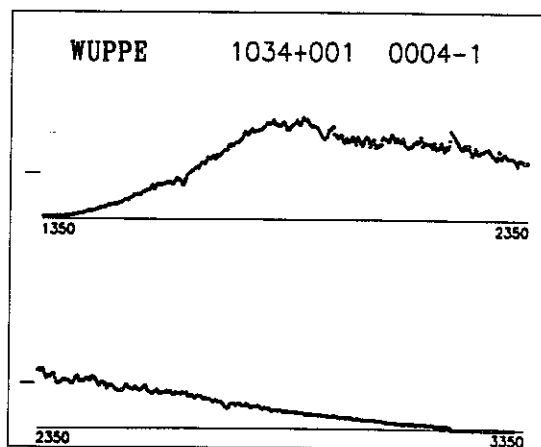
% Pol: 0%

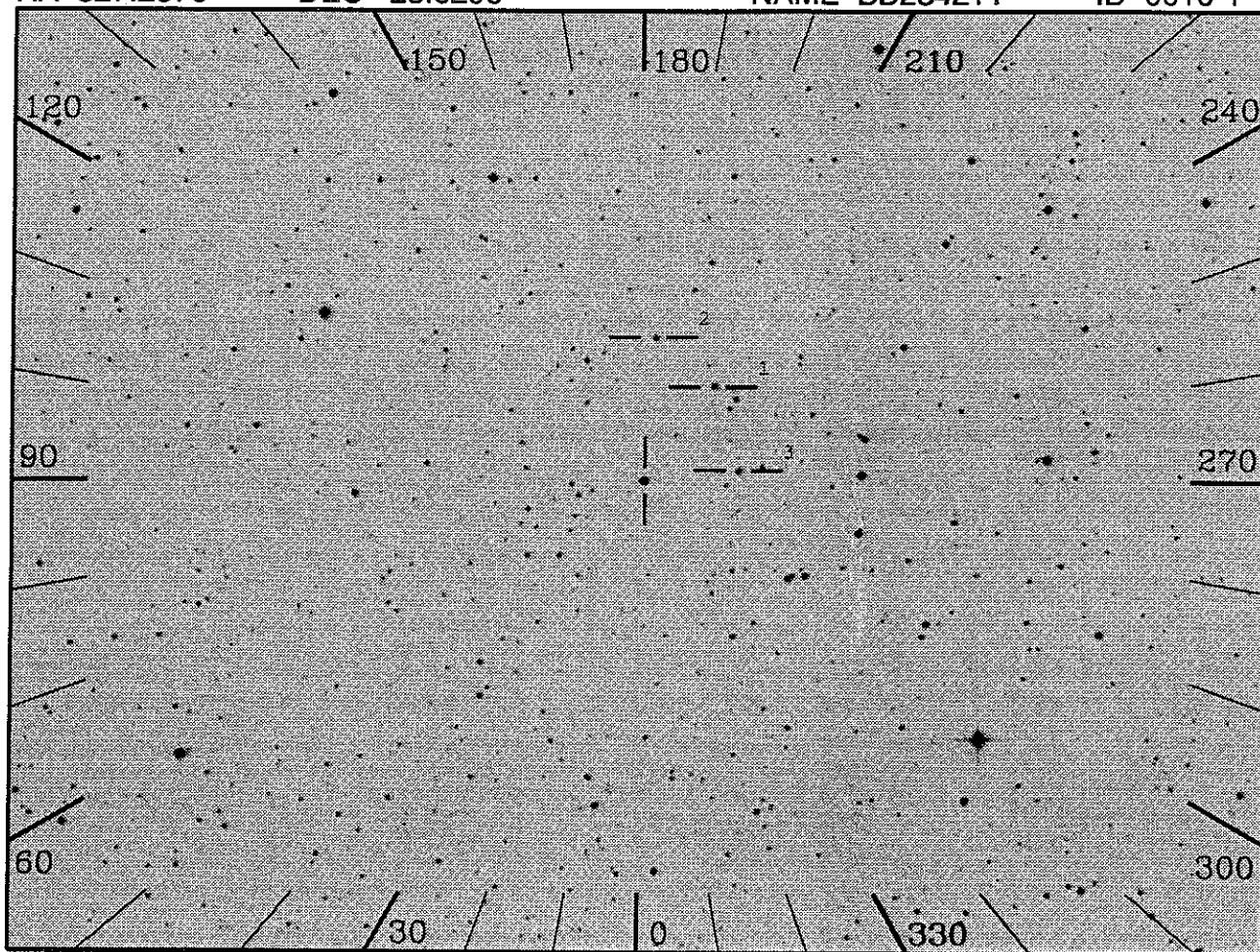
Pos Ang:

Mechanism:

Comments:

May be used for flat field and flux calibration.





20", 1000(s), Day

OBJECT: 0010-10 BD284211

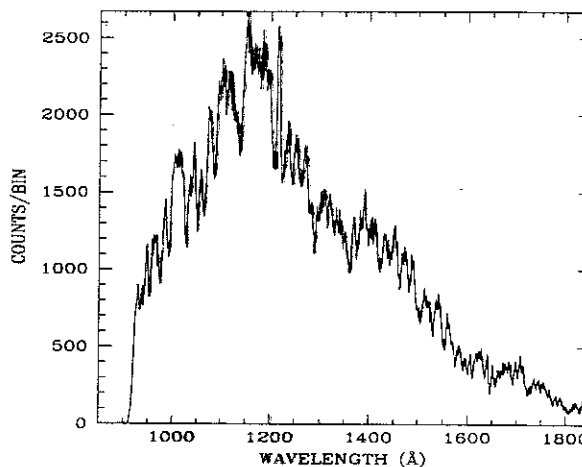
KEYWORDS: sdO relative door state calibration

COMMENTS:

HST standard star

Hutsim: Astro-1 flux input to hutsim2

Expected spectrum: power law plus HeII Balmer lines.



ID: 0010-1 H=Prime SciPgm= H01

Names: BD284211

Info: sdO V=10.53 Wupmag=6.27

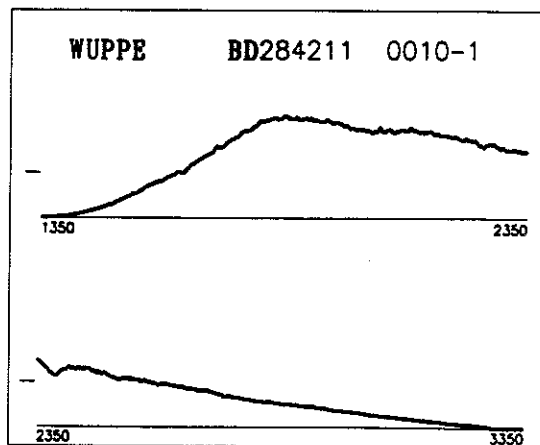
% Pol: 0%

Pos Ang:

Mechanism:

Comments:

Observed during Astro-1. Will be used for flat field and flux calibration. Possible unpol std.



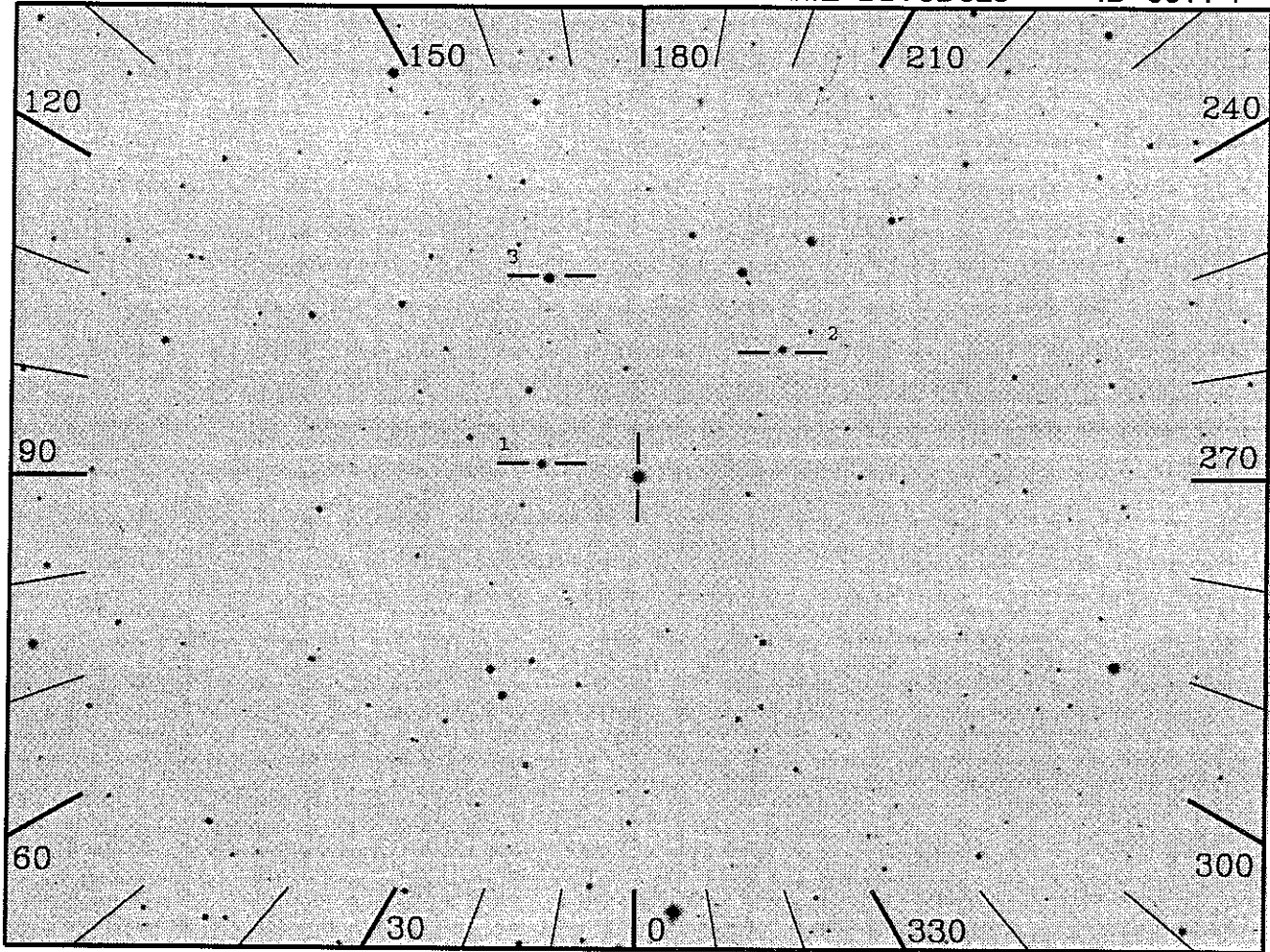
TGT/ASTRO2/FIN A

RA 121.1808

DEC 75.1134

NAME BD75D325

ID 0011-1



20", 1000(s), Day

OBJECT: 0011 BD75D325

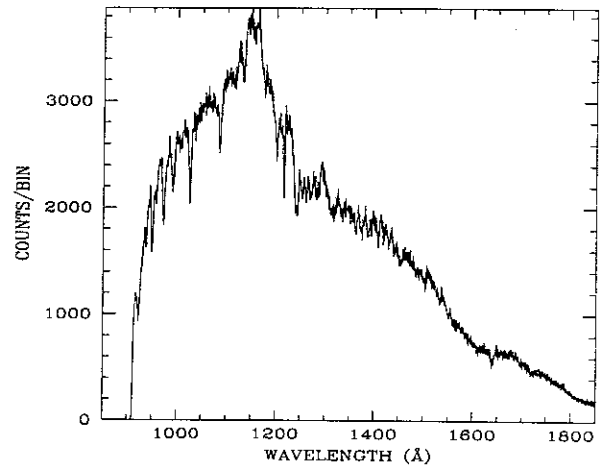
KEYWORDS: Hot sd O star IUE and HST standard

COMMENTS:

Flux calib for 200 cmsq and 50 cmsq doors

Hutsim: FOS H13, H19 spectra; Lanz NLTE model < 1140A

Hutsim is for 200 cmsq door



ID: 0011-1 H=Prime SciPgm= H01

Names: BD75D325

Info: V= 9.54 Wupmag=6.17

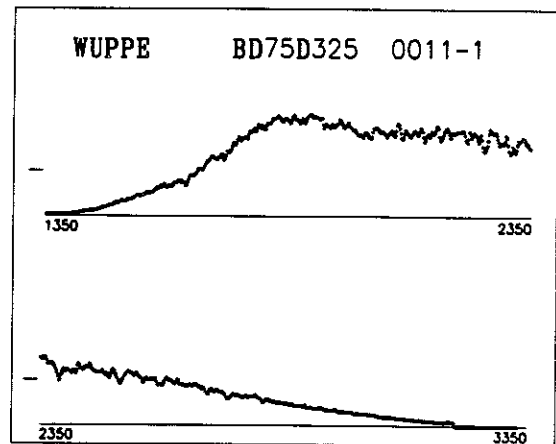
% Pol: 0%

Pos Ang:

Mechanism: None

Comments:

Expected to be unpolarized. May be used for flat field and flux calibrations.



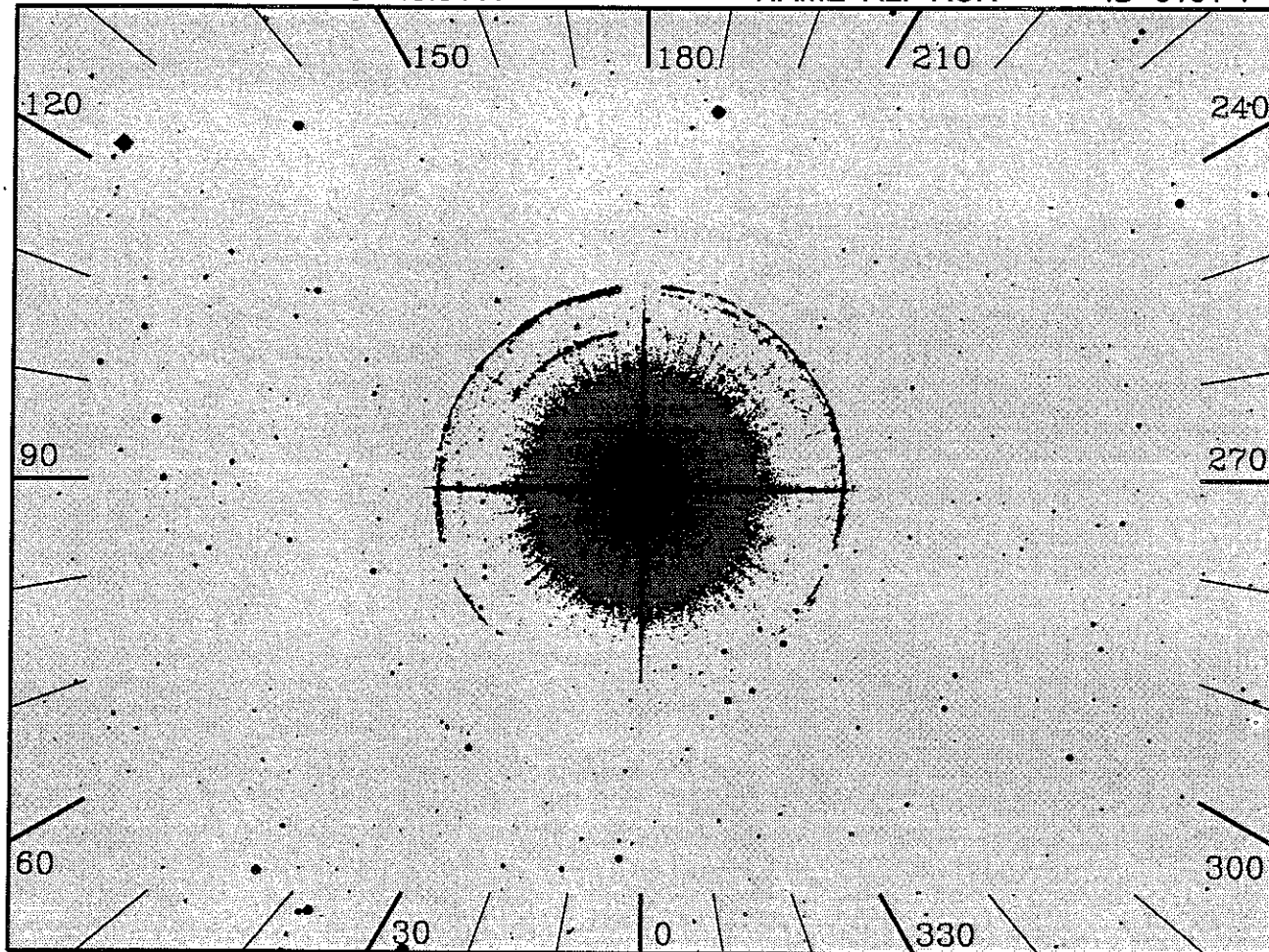
TGT/ASTRO2/FIN A

RA 78.2492

DEC 45.9441

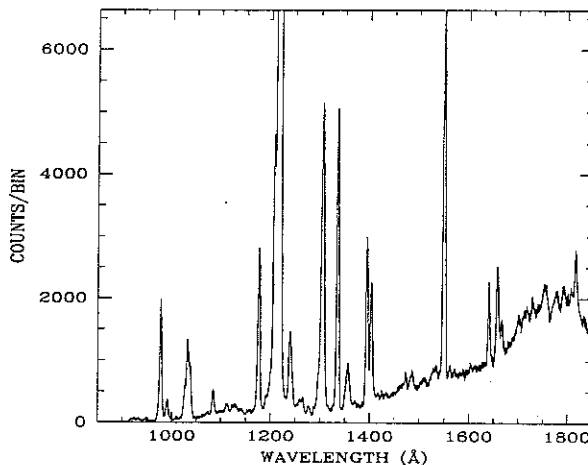
NAME ALF-AUR

ID 0101-1

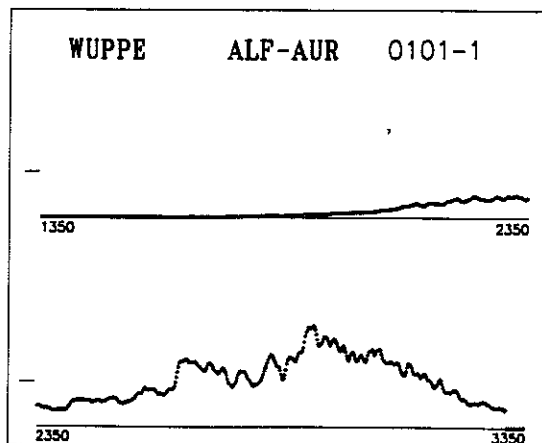


20", 1000(s), Day

OBJECT: 0101-11 ALF-AUR
 KEYWORDS: coronal star G6 III + F9 III
 COMMENTS:
 Spectrograph Focus target
 Hutsim: Astro-1 flux



ID: 0101-1 H=Prime SciPgm= H01
 Names: ALF-AUR CAPELLA
 Info: G5IIIe+ V= 0.08 Wupmag=2.50
 % Pol: 0.09% (Astro-1)
 Pos Ang: 125.3 (Astro-1)
 Mechanism:
 Comments:
 Observed during Astro-1.
 NOTE: DETECTOR IN FAST MODE-
 DO NOT EXPECT ON-LINE SPECTRUM.

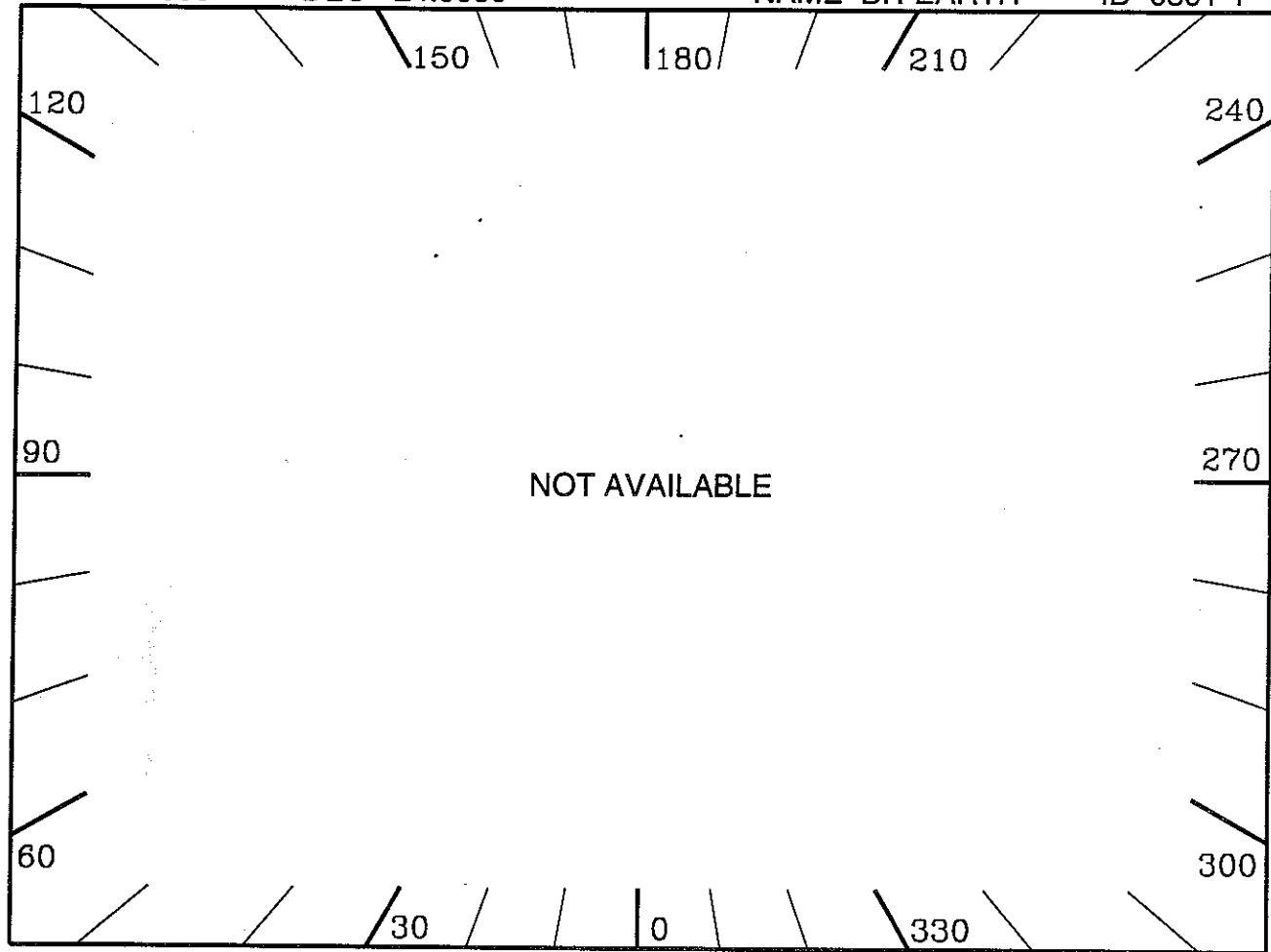


RA 342.2000

DEC -24.0080

NAME BR-EARTH

ID 0301-1



OBJECT: 0301-10 BR-EARTH

KEYWORDS: Slit Center calibration

COMMENTS:

No Detector Ops

HUT Spectrum
NOT AVAILABLE

ID: 0301-1 U=Prime SciPgm= U01

Names: BR-EARTH

Info: V= Wupmag=

% Pol:

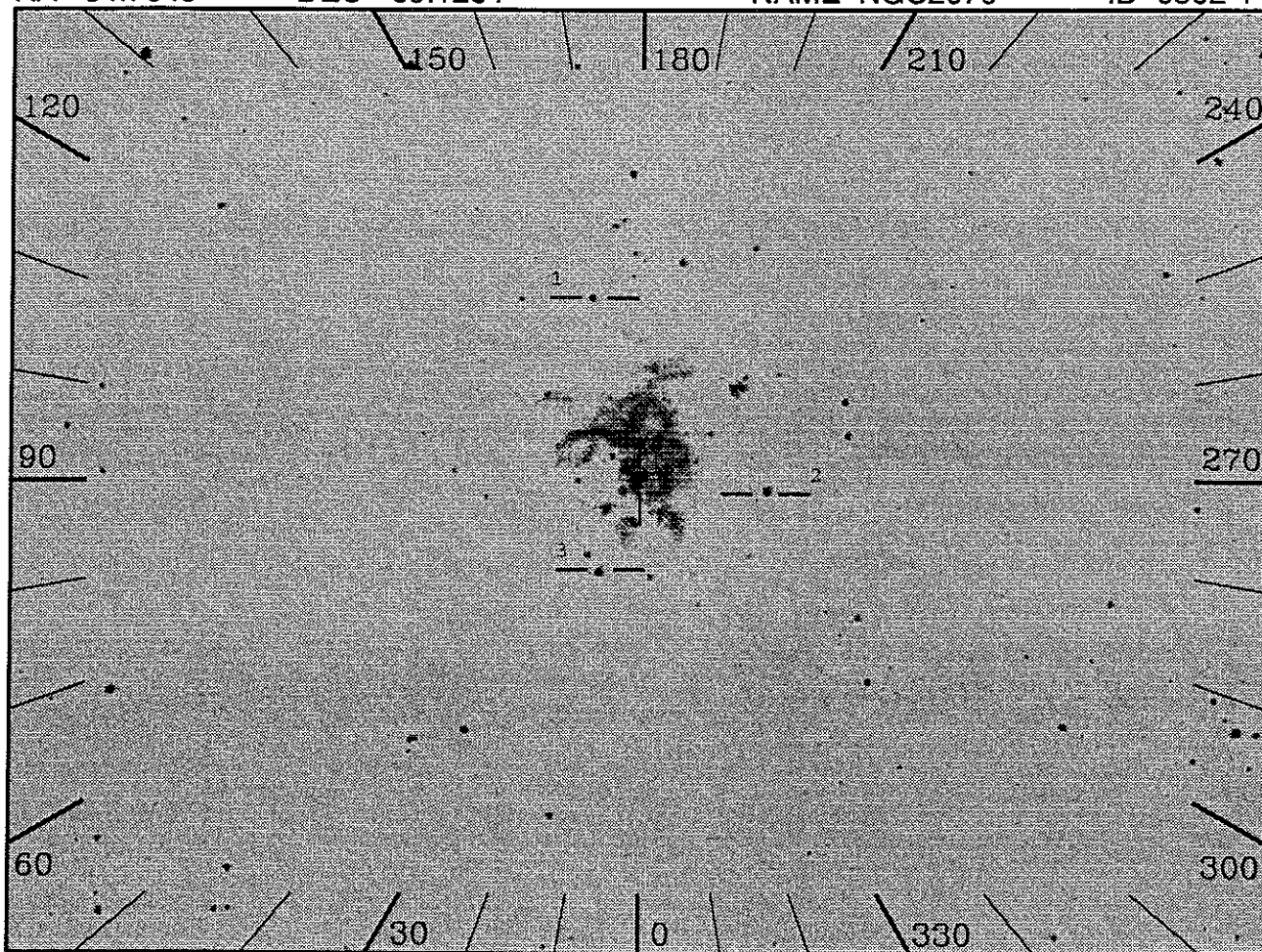
Pos Ang:

Mechanism:

Comments:

To bright for SPEC and ZOD. No WUP
observation. Earth BOS will auto-
matically safe ZOD. SPEC will remain
in BOP/BOS.

WUPPE Spectrum
NOT AVAILABLE



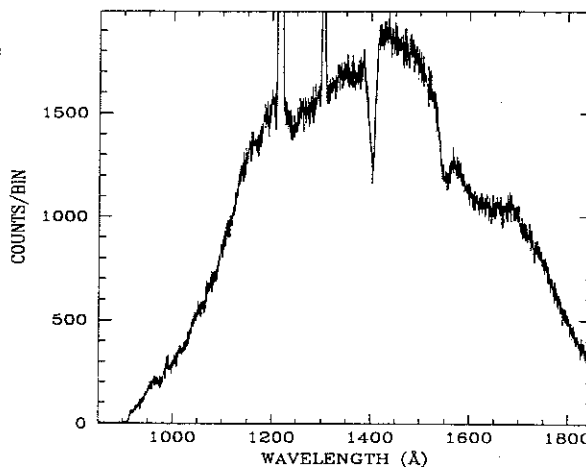
20", 1000(s), Day

OBJECT: 0502-10 NGC2070

KEYWORDS: R136a position; O3 V + W-R effective sp type

COMMENTS:

Hutsim: Kurucz model T=50000 log g=5
 expect additional 25% from nebular flux.



ID: 0502-1 W=Prime SciPgm= W01

Names: NGC2070 30DOR

Info: V= Wupmag=12.0

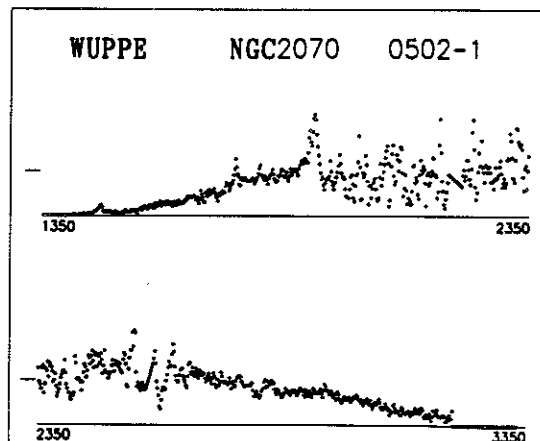
% Pol:

Pos Ang:

Mechanism:

Comments:

WUP aperture position calibrator.
 Bright diffuse object used as bright background. No science obs. Off-setting 50" west of illuminating star.

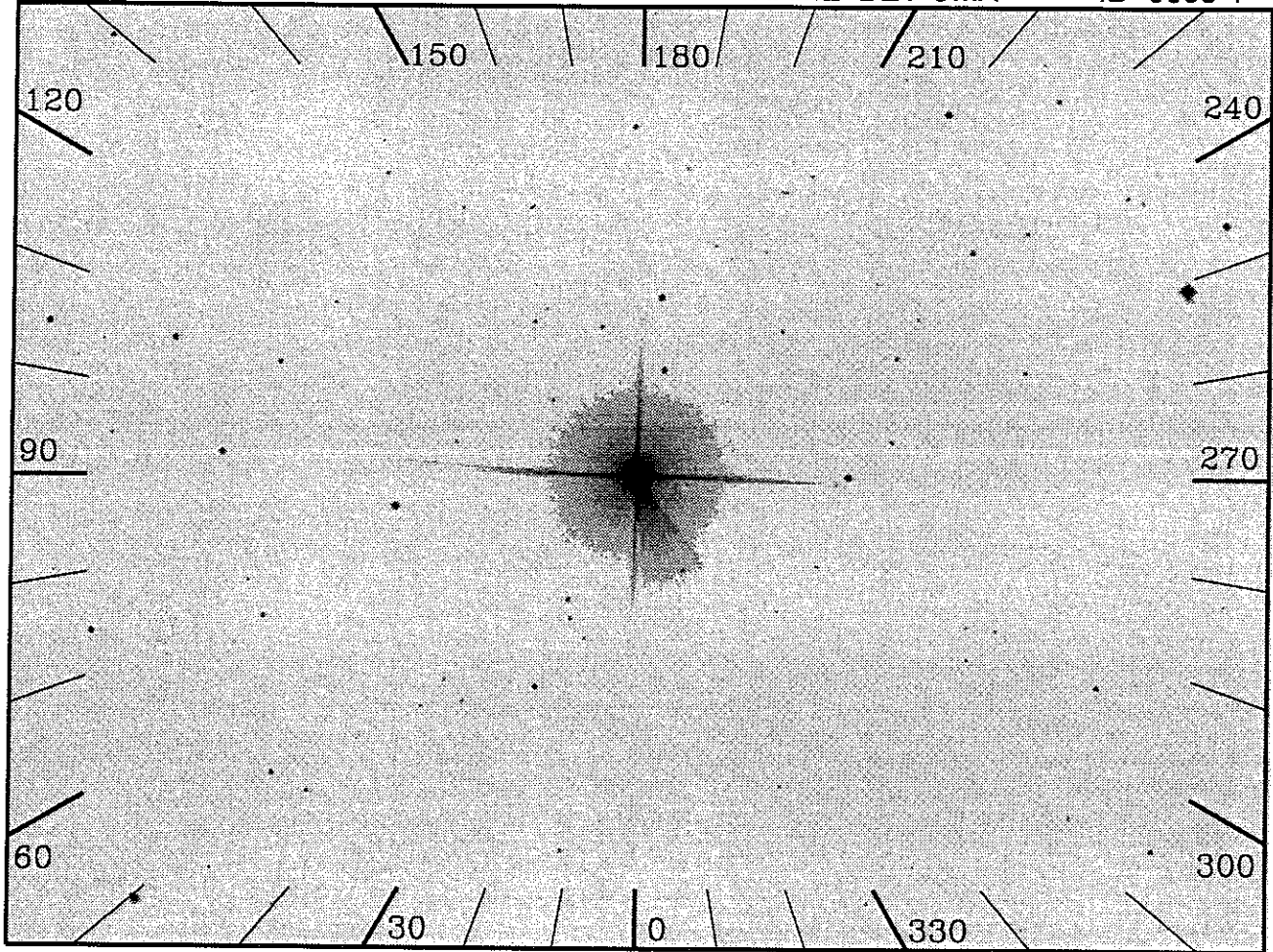


RA 164.7094

DEC 56.6509

NAME BET-UMA

ID 0608-1



20", 1000(s), Night

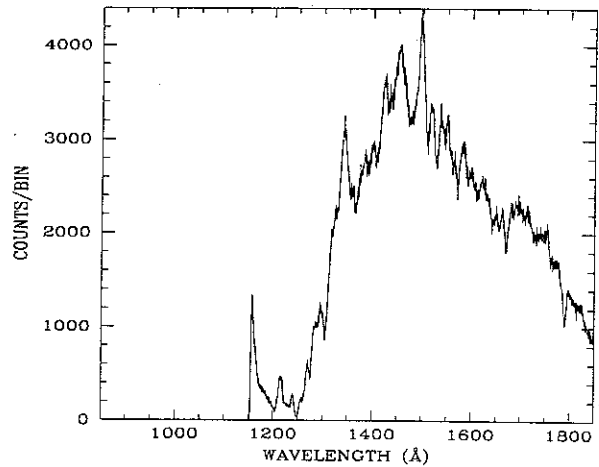
OBJECT: 0608 BET-UMA

KEYWORDS: Stellar atlas

COMMENTS:

A1V star with no extinction.

Will dither to single scan for 300 seconds, twice.



ID: 0608-1 W=Prime SciPgm= W01

Names: BET-UMA HD95418

Info: A1V V= 2.4 Wupmag=1.79

% Pol: 0.00

Pos Ang: 43.0

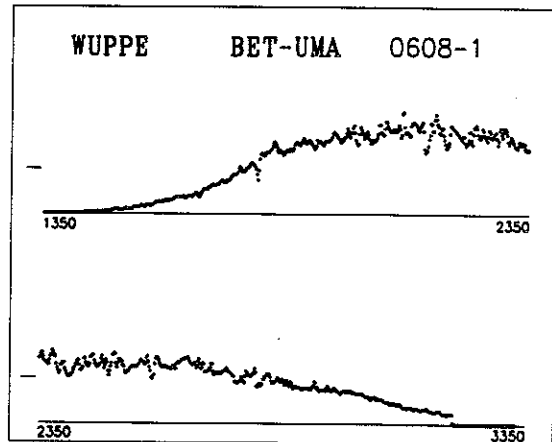
Mechanism:

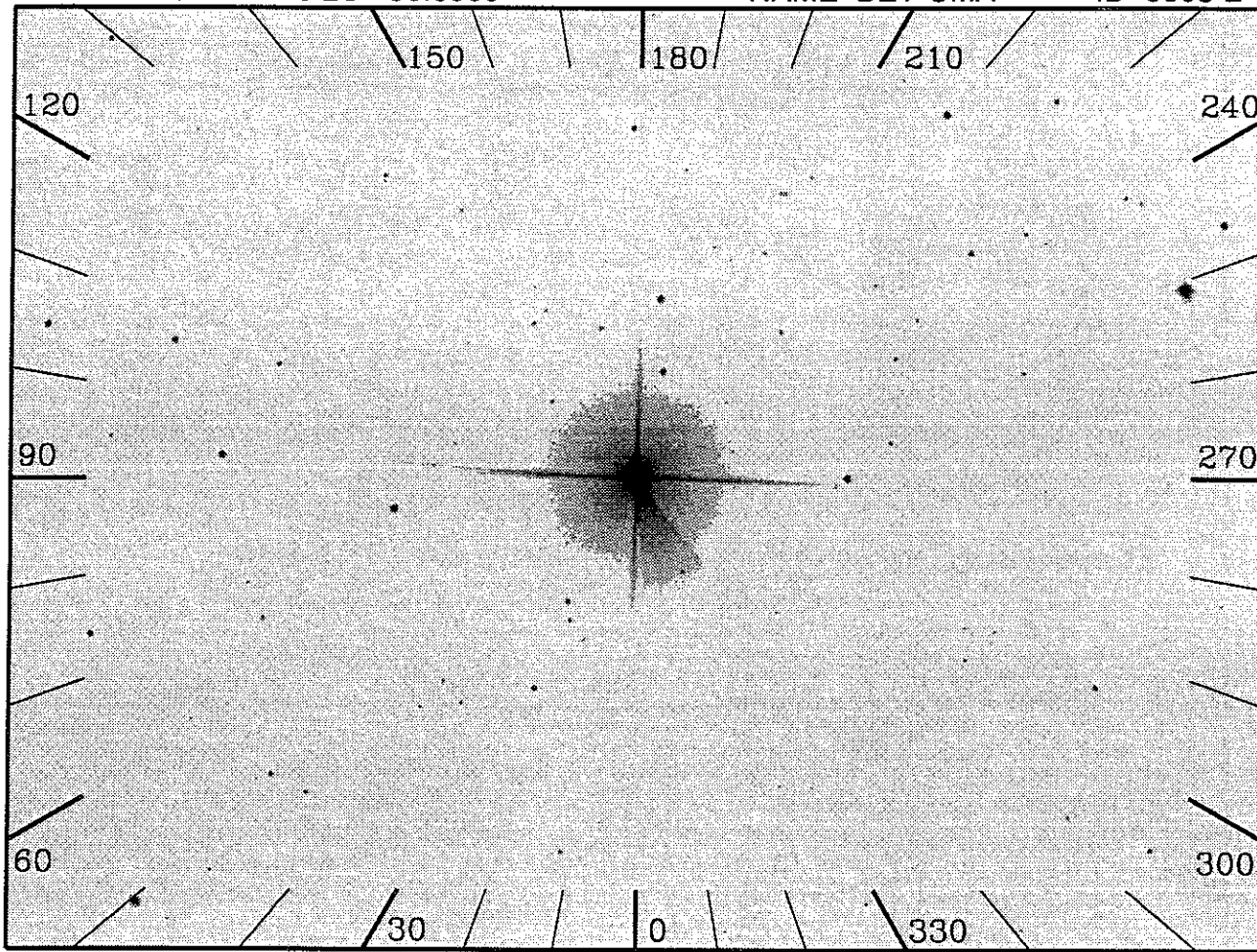
Comments:

Unpol std. Used for instrumental polarization calibration.

NOTE: DETECTOR IN FAST MODE-

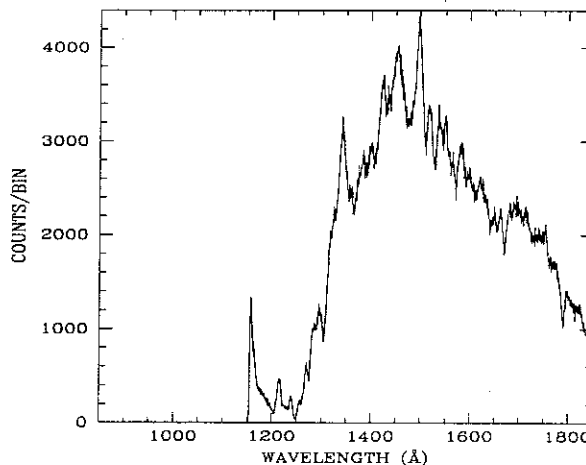
DO NOT EXPECT ON-LINE SPECTRUM.



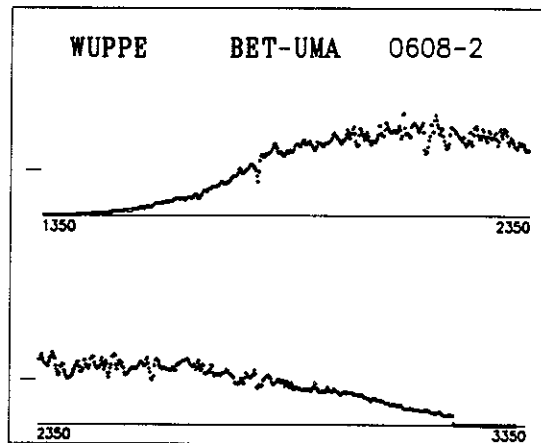


20", 1000(s), Night

OBJECT: 0608 BET-UMA
 KEYWORDS: Stellar atlas
 COMMENTS:
 AlV star with no extinction.
 Will dither to single scan for 300 seconds, twice.



ID: 0608-2 W=Prime SciPgm= W01
 Names: BET-UMA HD95418
 Info: AlV V= 2.4 Wupmag=1.79
 % Pol: 0.00
 Pos Ang: 43.0
 Mechanism:
 Comments:
 Unpol std. Used for instrumental polarization calibration.
 NOTE: DETECTOR IN FAST MODE-
 DO NOT EXPECT ON-LINE SPECTRUM.

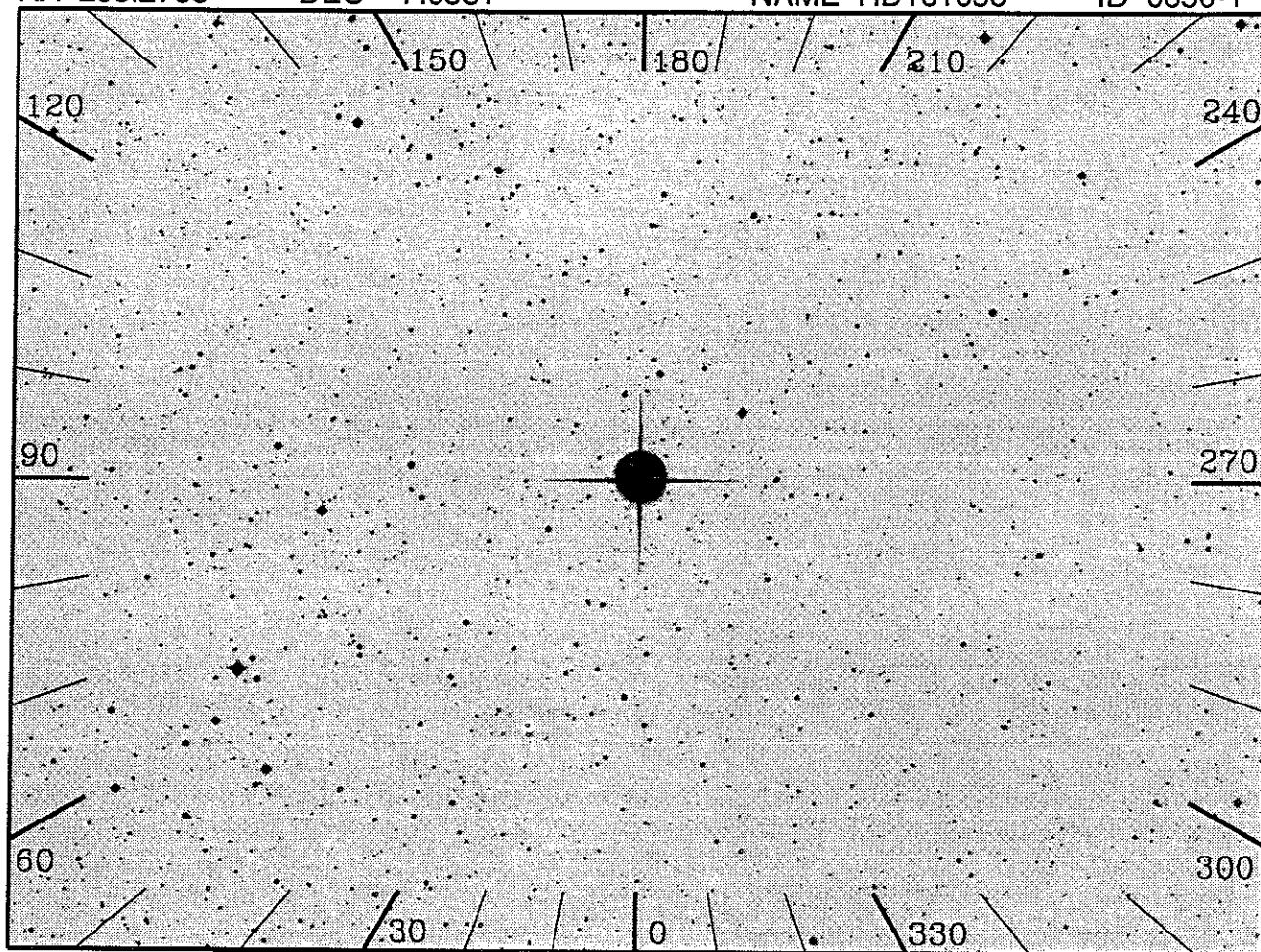


RA 265.2708

DEC -7.0581

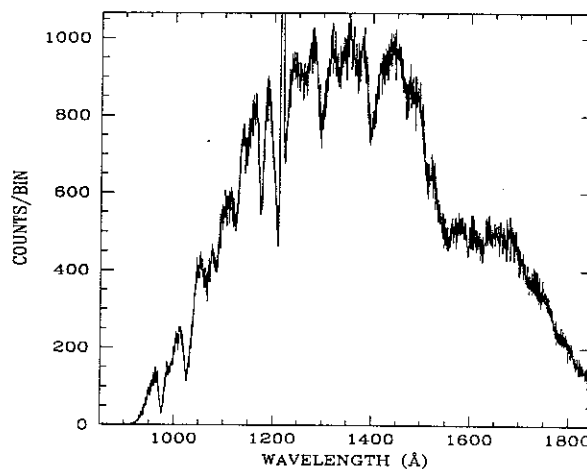
NAME HD161056

ID 0656-1



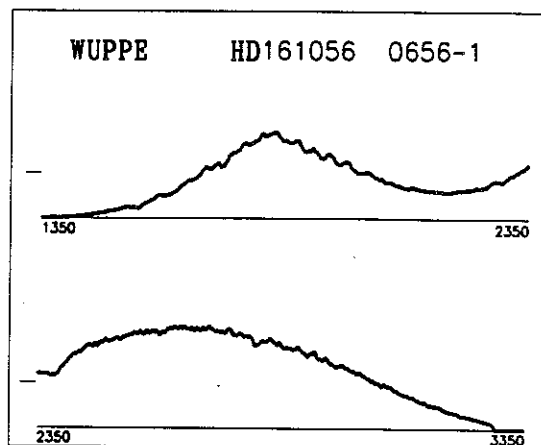
20", 1000(s), Day

OBJECT: HD161056
 KEYWORDS: Extinction
 COMMENTS:
 Extincted B1.5 V star.
 E(B-V) = 0.63



ID: 0656-1 W=Prime SciPgm= W01
 Names: HD161056
 Info: B1.5V V= 6.2 Wupmag=6.38
 % Pol: 4.06
 Pos Ang: 65.0
 Pmax: 4.05
 Lmax: 5800A
 Mechanism: Interstellar
 Comments:

Polarized standard. WUPPE half-wave
 pol. efficiency calibrator. Used for
 cross-calibration of half-wave and Lyot
 filters. ASTRO-1 data used for simulated
 spectrum is that of HD25443 (0658).

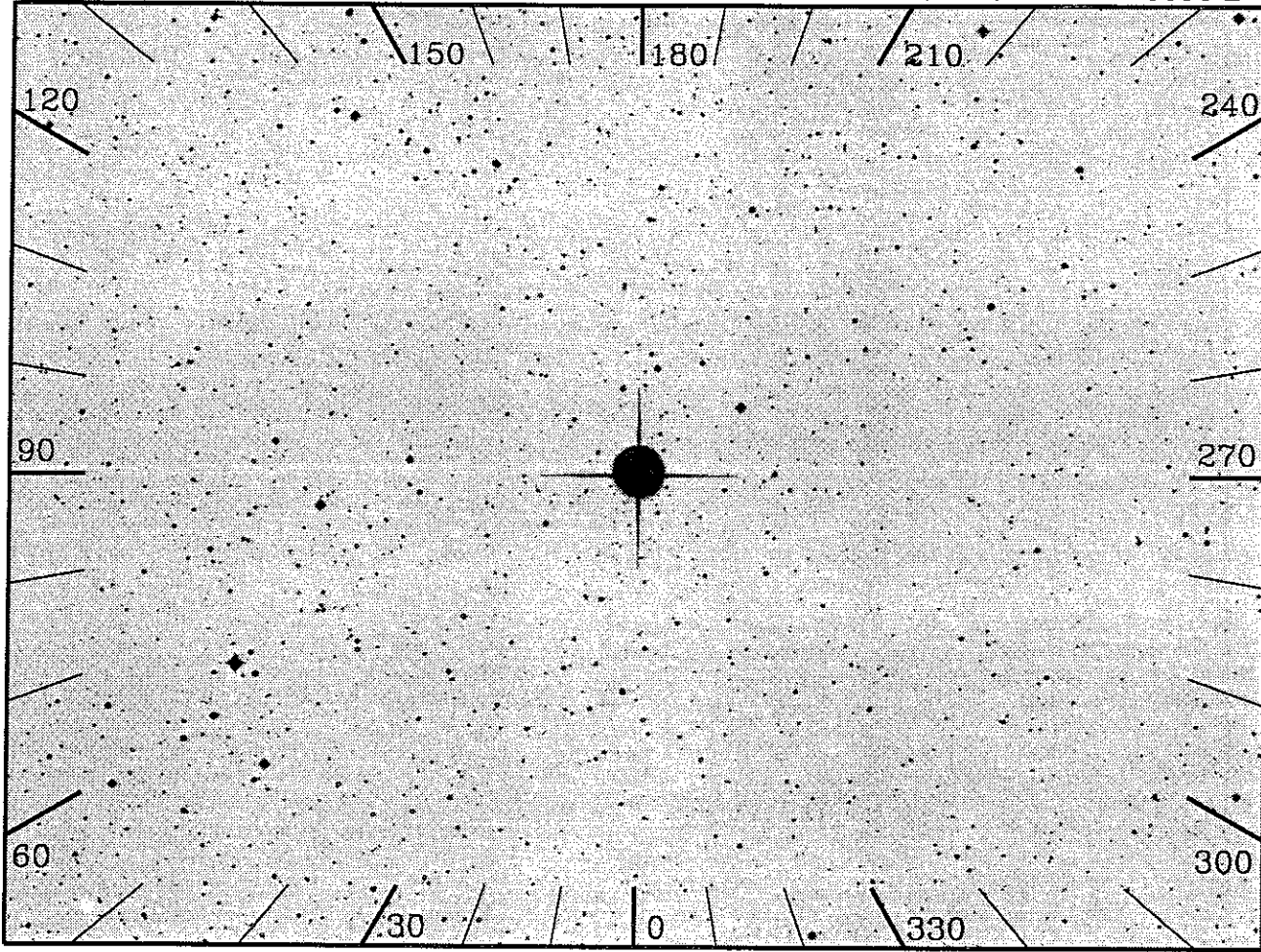


RA 265.2708

DEC -7.0581

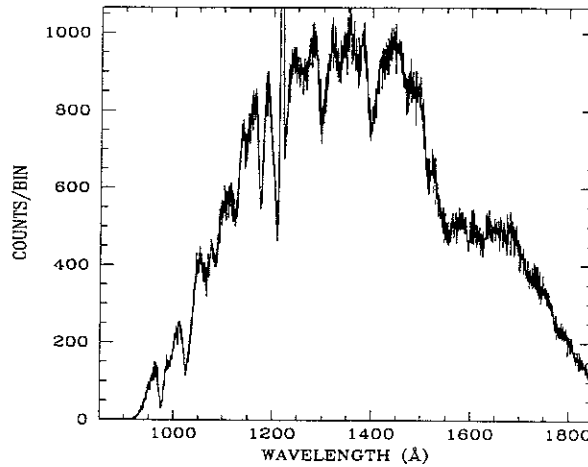
NAME HD161056

ID 0656-2



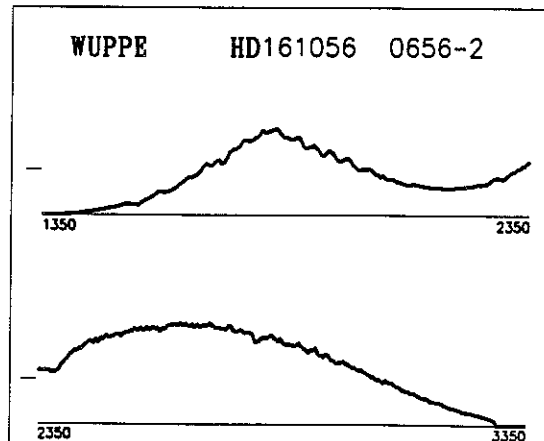
20", 1000(s), Day

OBJECT: HD161056
 KEYWORDS: Extinction
 COMMENTS:
 Extincted B1.5 V star.
 E(B-V) = 0.63



ID: 0656-2 W=Prime SciPgm= W01
 Names: HD161056
 Info: B1.5V V= 6.2 Wupmag=6.38
 % Pol: 4.06
 Pos Ang: 65.0
 Pmax: 4.05 Lmax: 5800A
 Mechanism: Interstellar
 Comments:

Polarized standard. WUPPE 1/2-wave polz'n efficiency calibrator. Used for cross-calibration of half-wave and Lyot filters. -20 observation is rotated 90 degrees in PA from -10 observation. ASTRO-1 data used for simulated spectrum is that of HD25443 (0658).

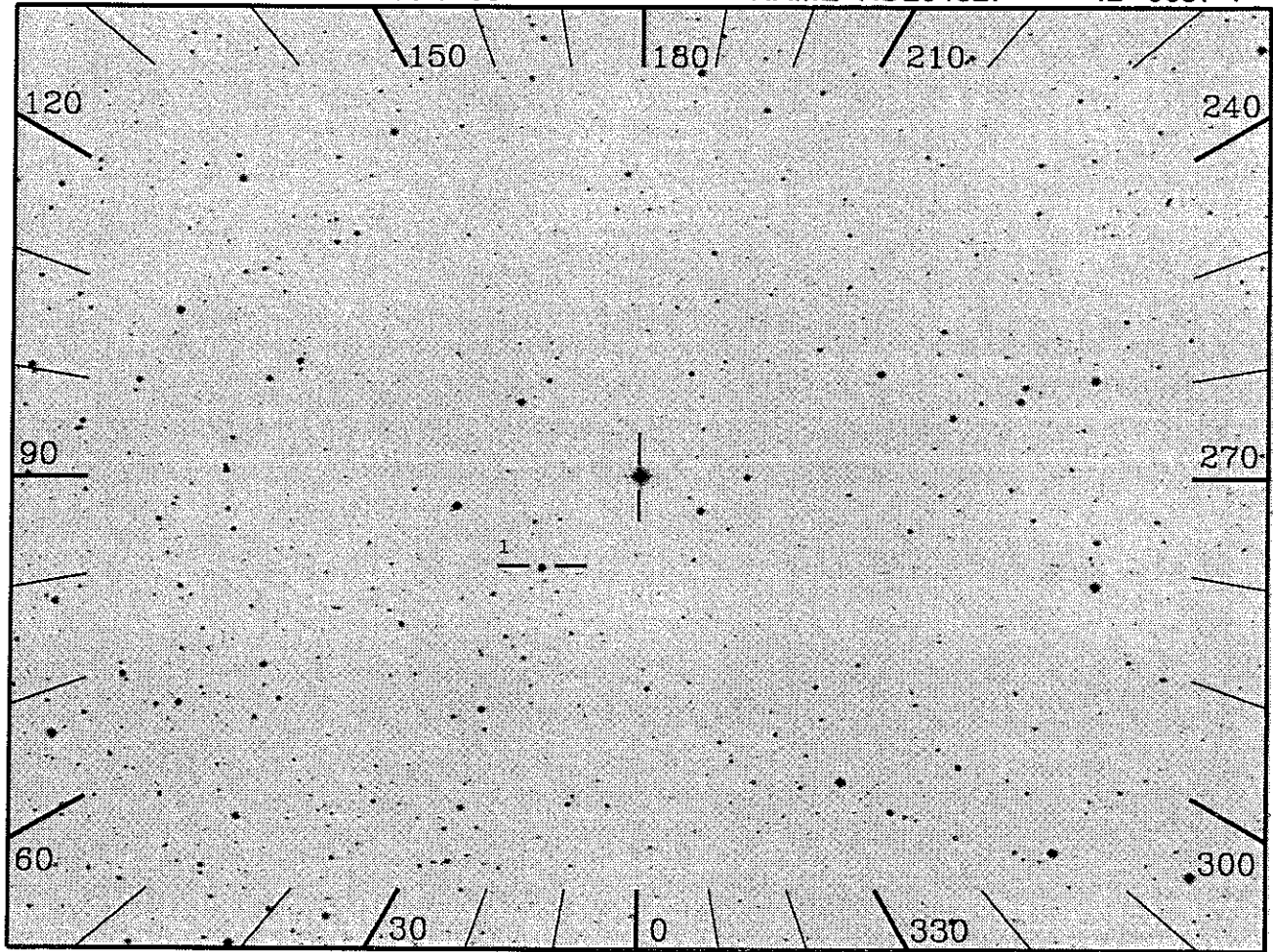


RA 321.8806

DEC 58.5203

NAME HD204827

ID 0657-1



20", 1000(s), Day

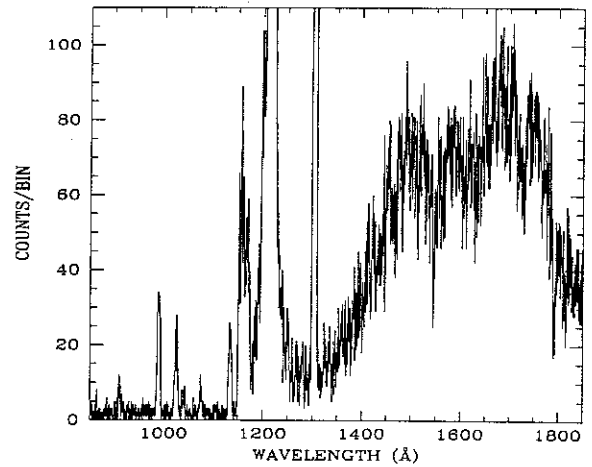
OBJECT: 0657 HD204827

KEYWORDS: Extinction

COMMENTS:

B0 V star with unusual extinction.

(E(B-V) = 1.11, R_V = 2.6)



ID: 0657-1 W=Prime SciPgm= W01

Names: HD204827

Info: B0V V= 7.8 Wupmag=9.08

% Pol: 5.44

Pos Ang: 59.0

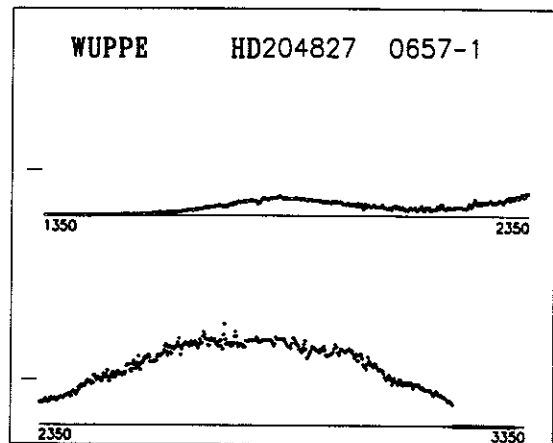
Pmax: 5.65

Lmax: 4700A

Mechanism: Interstellar

Comments:

Pol std. Prime cross-calibration target for WUP and HST FOS spectro-polarimeter.

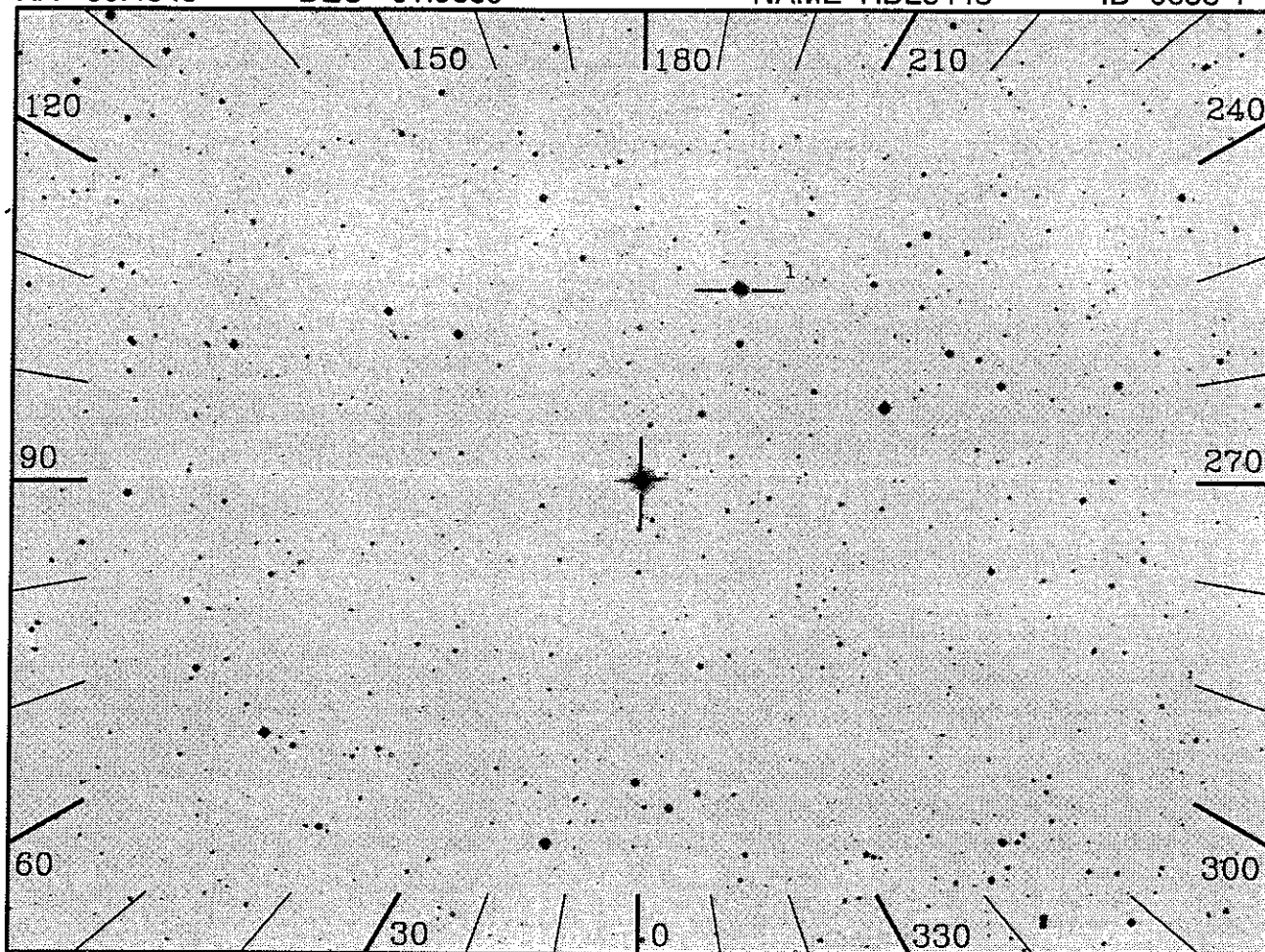


RA 60.4345

DEC 61.9669

NAME HD25443

ID 0658-1



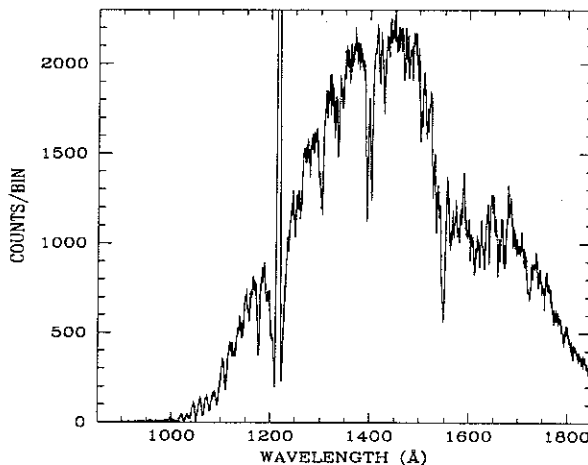
20", 1000(s), Day

OBJECT: 0658 HD25443

KEYWORDS: Extinction

COMMENTS:

Extincted B0.5 III star, observed on Astro-1



ID: 0658-1 W=Prime SciPgm= W01

Names: HD25443

Info: B0.5III V= 6.7 Wupmag=6.26

% Pol: 3.91 (Astro-1)

Pos Ang: 136.8 (Astro-1)

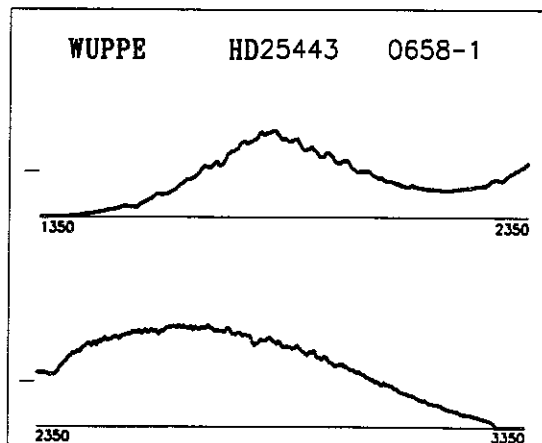
Pmax: 5.25

Lmax: 5000A

Mechanism: Interstellar

Comments:

Pol std. WUP halfwave pol efficiency calibration. UV pol observed during Astro-1 in excess of that predicted by the extrapolation of the Serkowski Law.

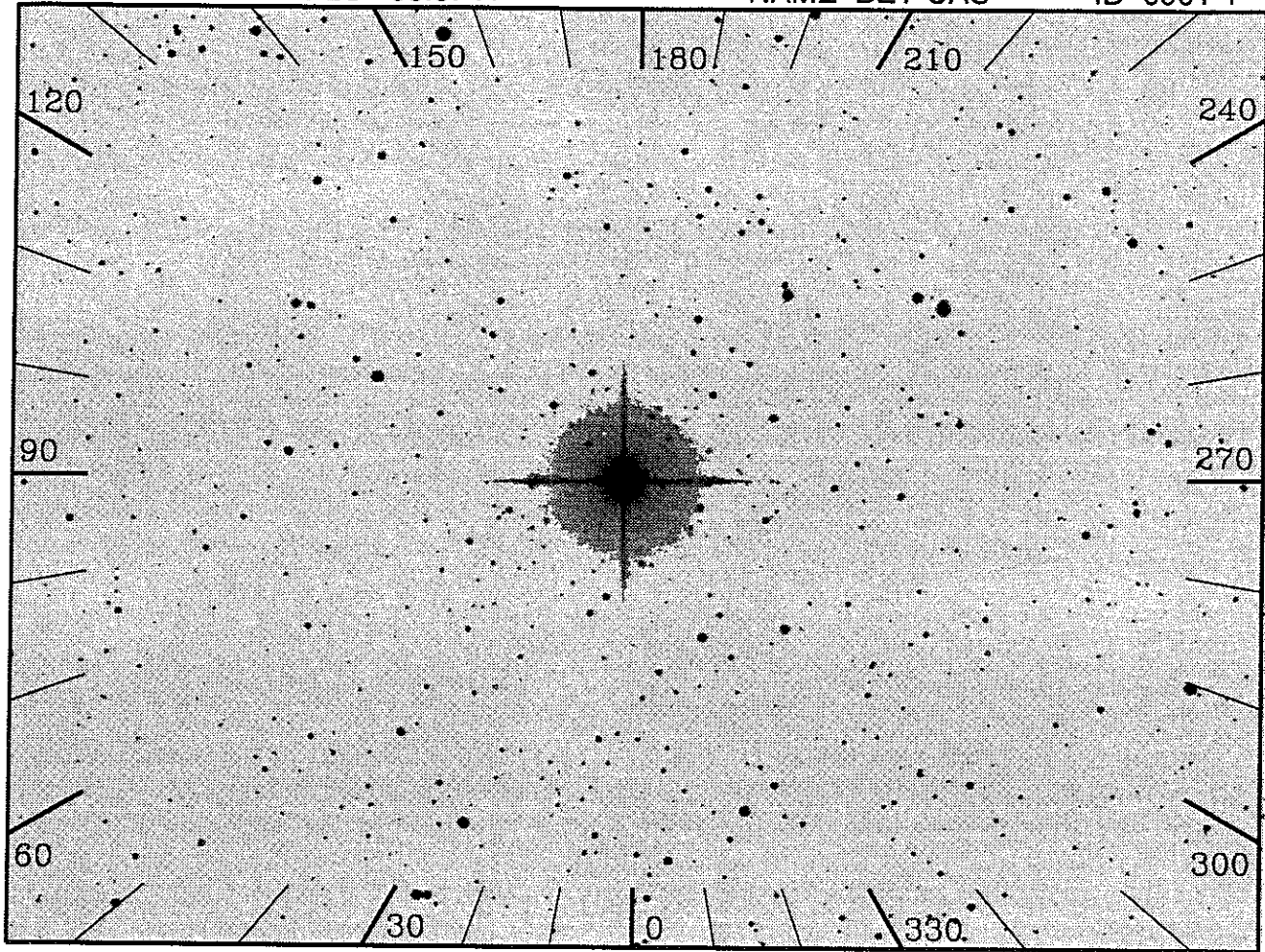


RA 1.6239

DEC -58.8741

NAME BET-CAS

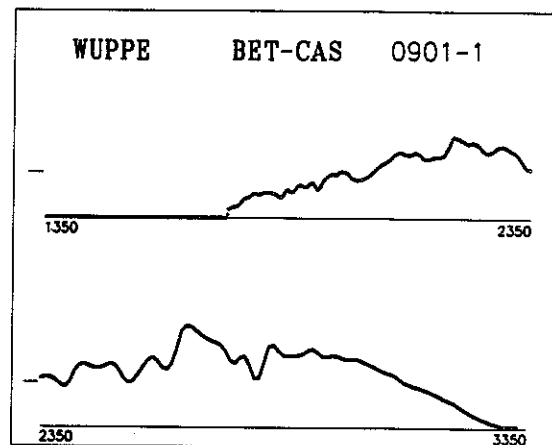
ID 0901-1



OBJECT: 0901-10 BET-CAS
 KEYWORDS: Joint Focus & Alignment Target
 COMMENTS:
 No Detector OPs.

HUT Spectrum
 NOT AVAILABLE

ID: 0901-1 W=Prime SciPgm= W00
 Names: BET-CAS HD432
 Info: F2III V=2.3 Wupmag=3.36
 % Pol: 0.01%
 Pos Ang: 77.0
 Mechanism:
 Comments:
 Joint focus and alignment target.
 Observation to provide accurate
 focus locations for HW and Lyot
 filters. May be used as an unpol
 standard.



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