

File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030008.fits

OBS

DARK

begin

13:35:51.080

-31:06:20.00

30

1.00

13:35:50

V

2026-07-25T07:25:39

-273.15

1 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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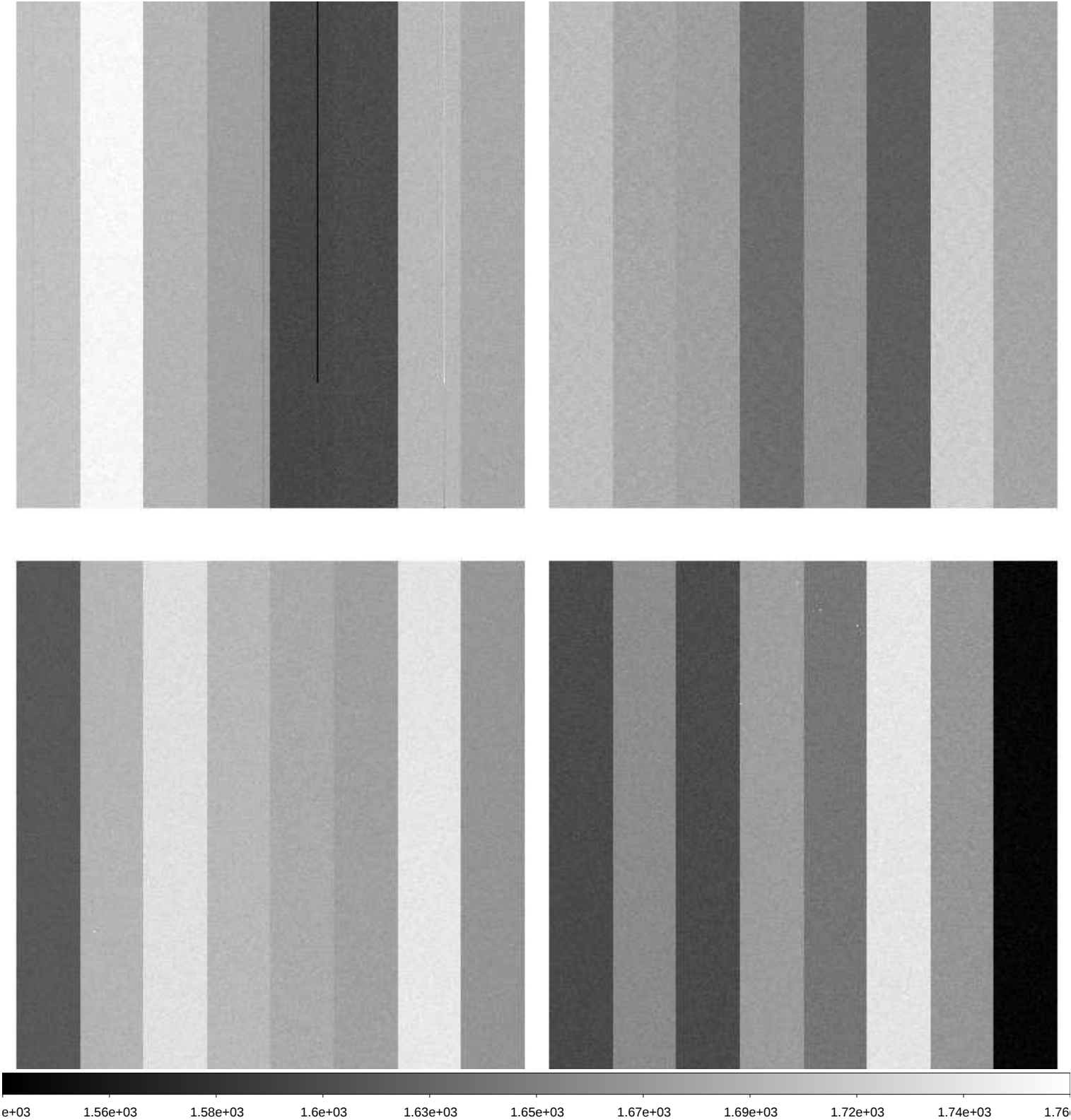
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90.0

0.0

3

0.0



File Name : **kmta.20260725.030009.fits** # 2 / 80 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 13:38:02.900

DEC : -31:06:02.30

Exposure Time : 0

Airmass : 1.00

Sidereal Time : 13:38:02

Filter ID : V

Observation Date : 2026-07-25T07:27:51

CCD Temperature : -273.15

ALT : 90.0

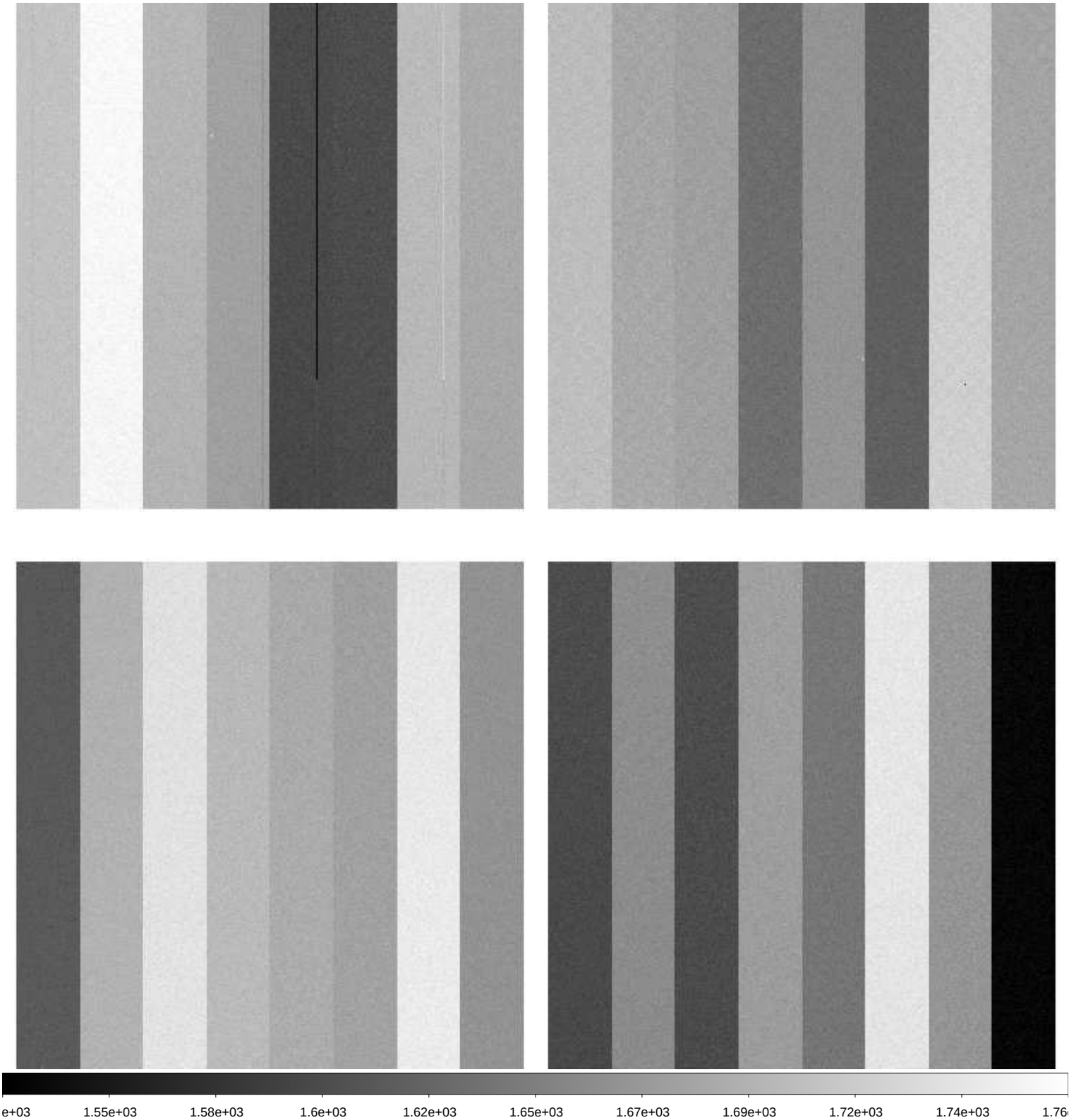
AZ : 0.0

Image Issue : —

CHIP : —

Weather : 3

Moon Effect : 0.0



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030010.fits

ALL

BIAS

bias

13:38:58.650

-31:06:01.80

0

1.00

13:38:58

V

2026-07-25T07:28:59

-273.15

3 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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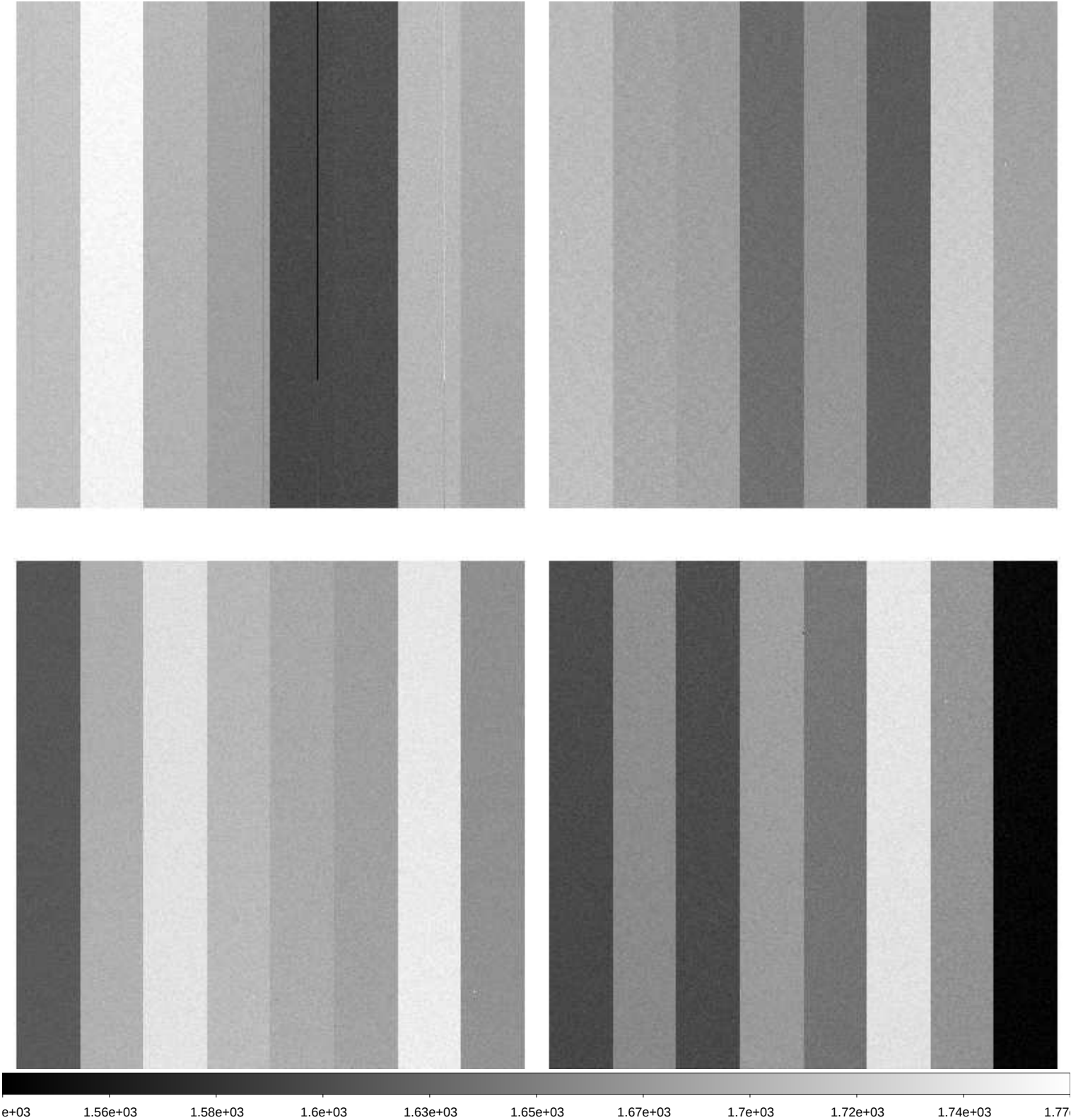
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90.0

0.0

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0.0



File Name : **kmta.20260725.030011.fits** # 4 / 80 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 13:34:43.680

DEC : -31:23:17.50

Exposure Time : 0

Airmass : 1.00

Sidereal Time : 13:40:05

Filter ID : V

Observation Date : 2026-07-25T07:30:07

CCD Temperature : -273.15

ALT : 88.8

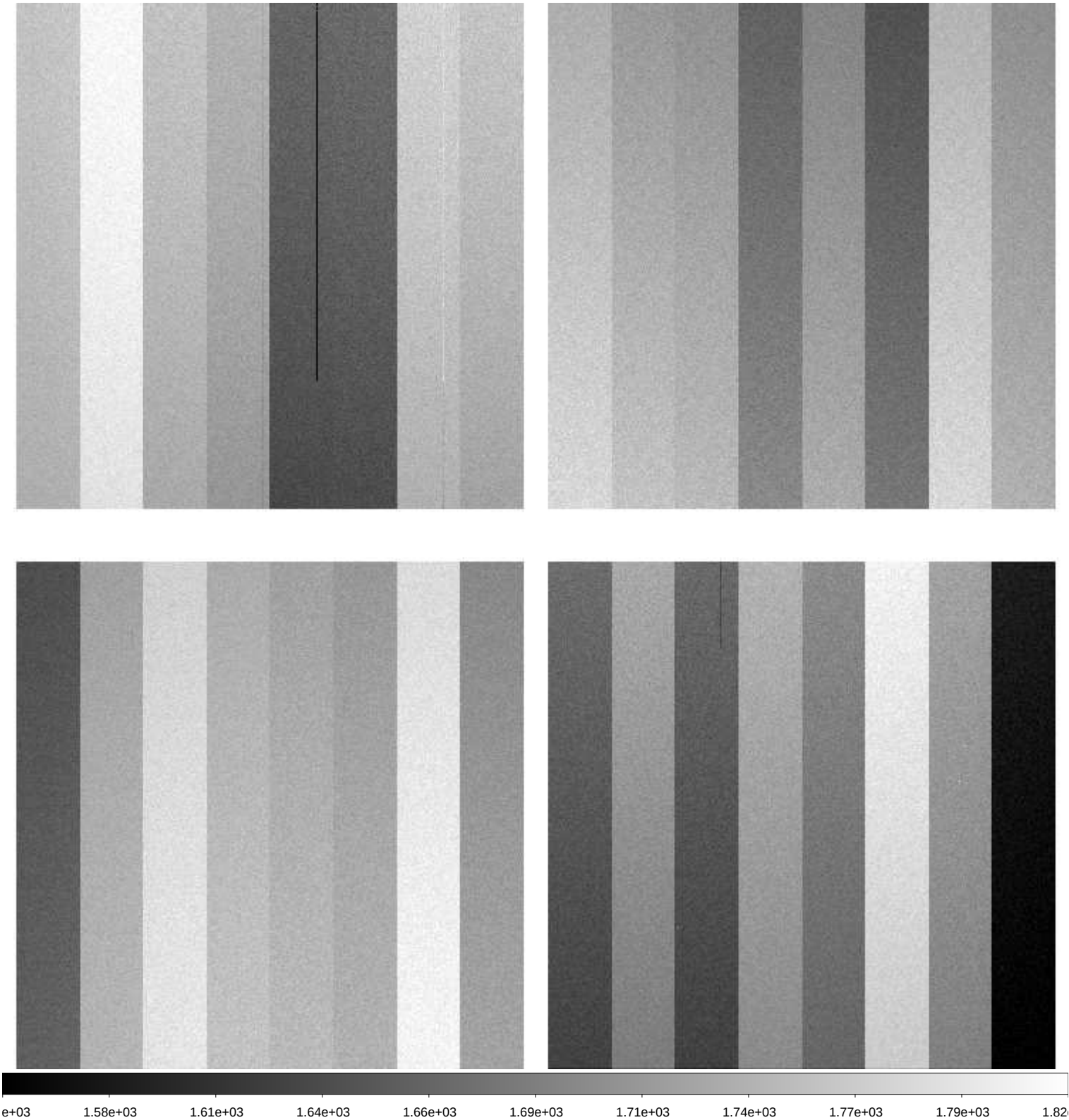
AZ : -75.6

Image Issue : —

CHIP : —

Weather : 3

Moon Effect : 0.0



File Name : **kmta.20260725.030012.fits** # 5 / 80 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 13:35:52.870

DEC : -31:23:17.60

Exposure Time : 0

Airmass : 1.00

Sidereal Time : 13:41:15

Filter ID : V

Observation Date : 2026-07-25T07:31:15

CCD Temperature : -273.15

ALT : 88.8

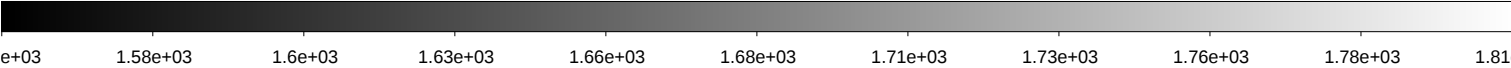
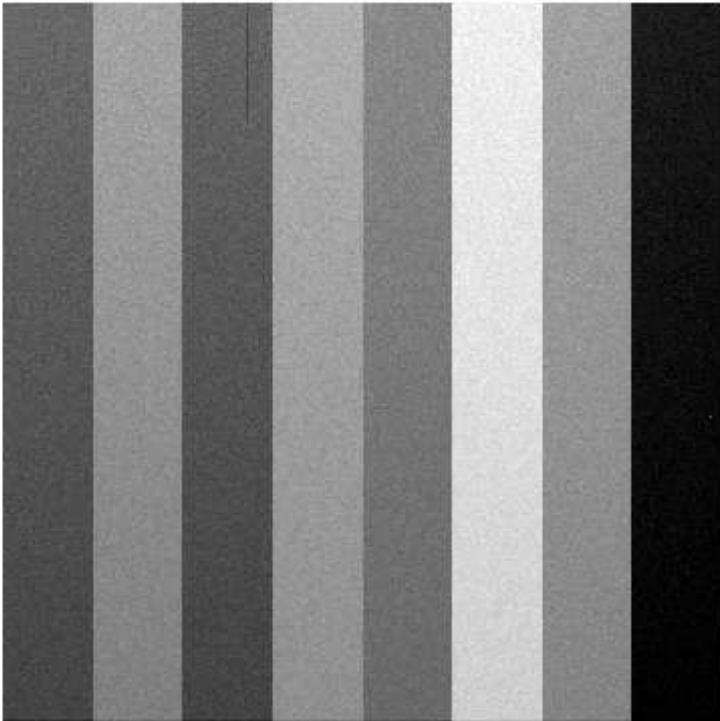
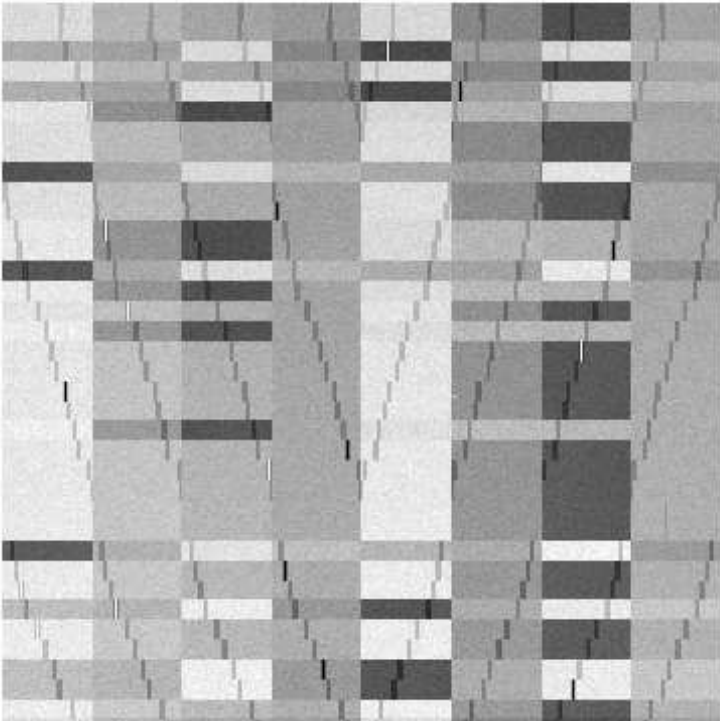
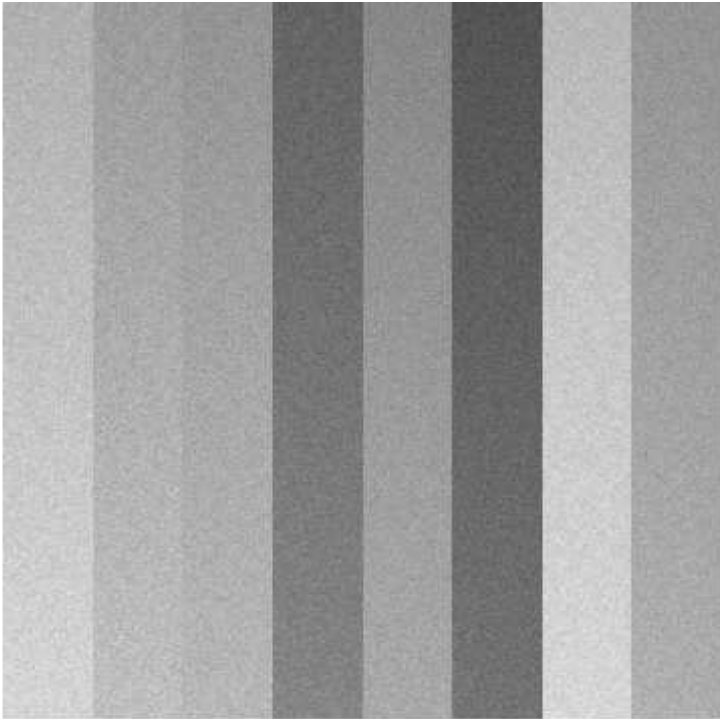
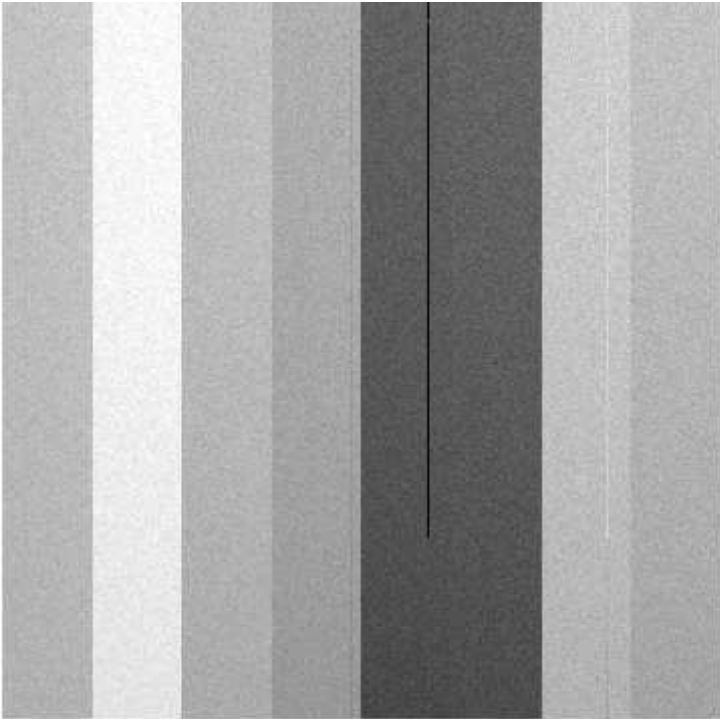
AZ : -75.6

Image Issue : —

CHIP : —

Weather : 3

Moon Effect : 0.0



File Name : **kmta.20260725.030013.fits** # 6 / 80 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 13:37:02.860

DEC : -31:23:17.60

Exposure Time : 0

Airmass : 1.00

Sidereal Time : 13:42:25

Filter ID : V

Observation Date : 2026-07-25T07:32:25

CCD Temperature : -273.15

ALT : 88.8

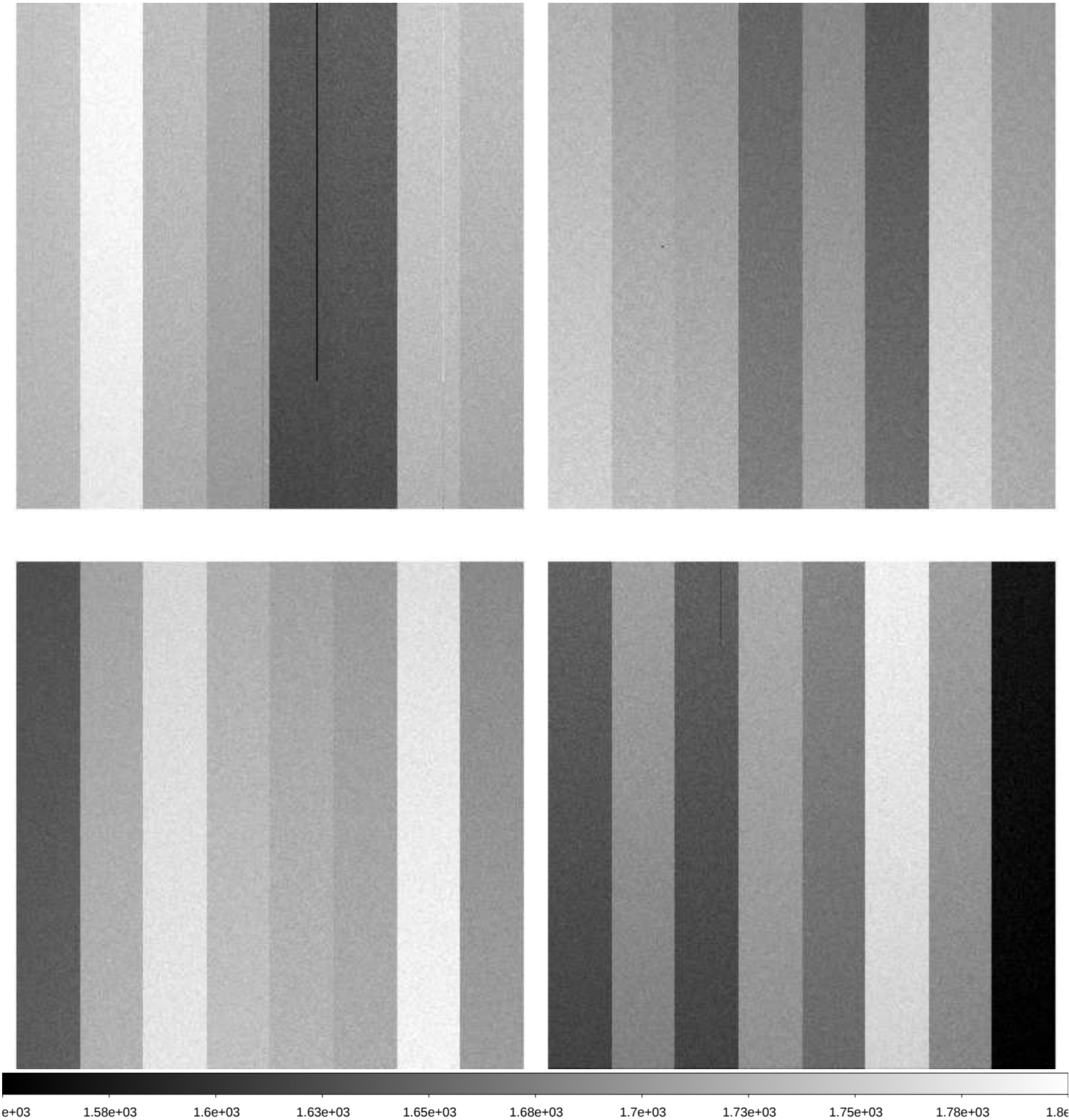
AZ : -75.6

Image Issue : —

CHIP : —

Weather : 3

Moon Effect : 0.0



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030014.fits

ALL

FLAT

flat

15:53:22.290

-36:02:15.60

5

1.10

13:59:22

B

2026-07-25T07:49:07

-273.15

7 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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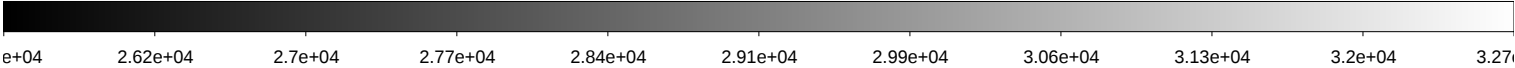
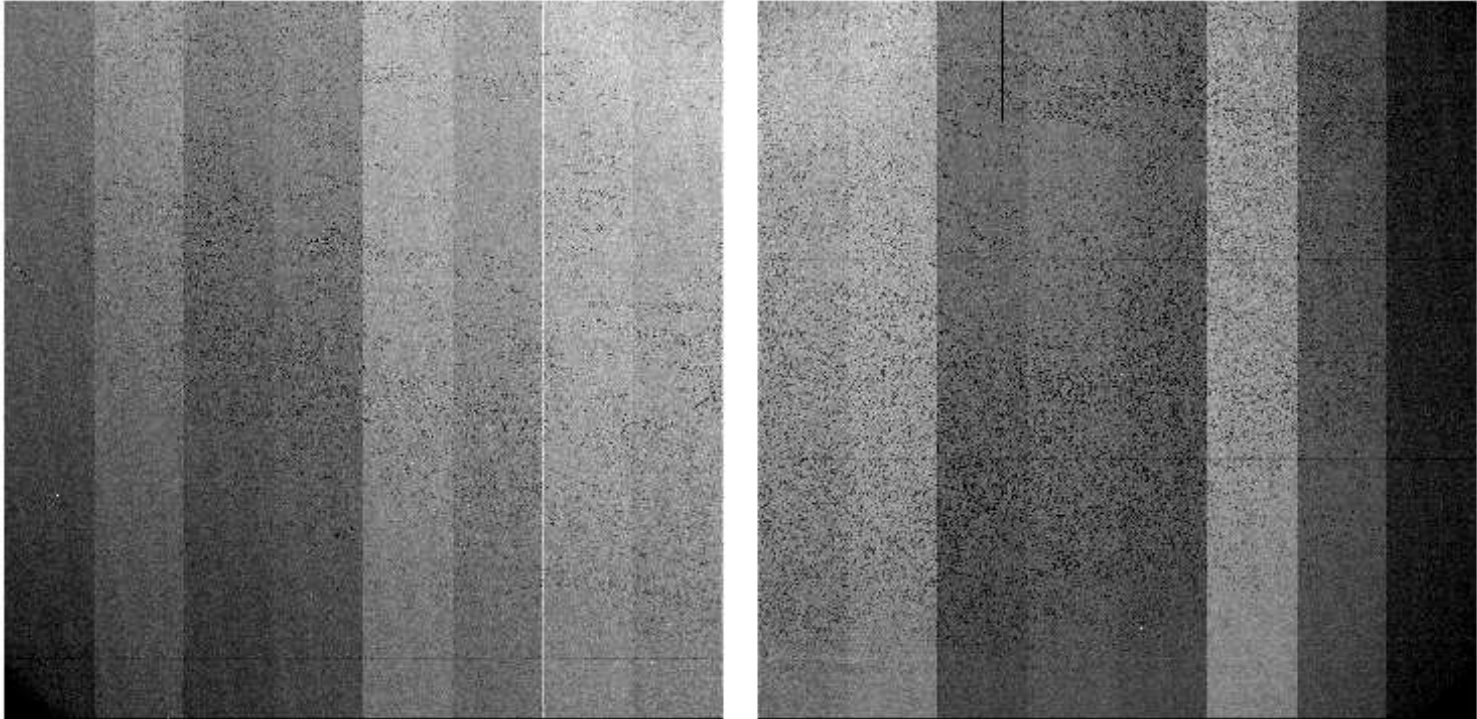
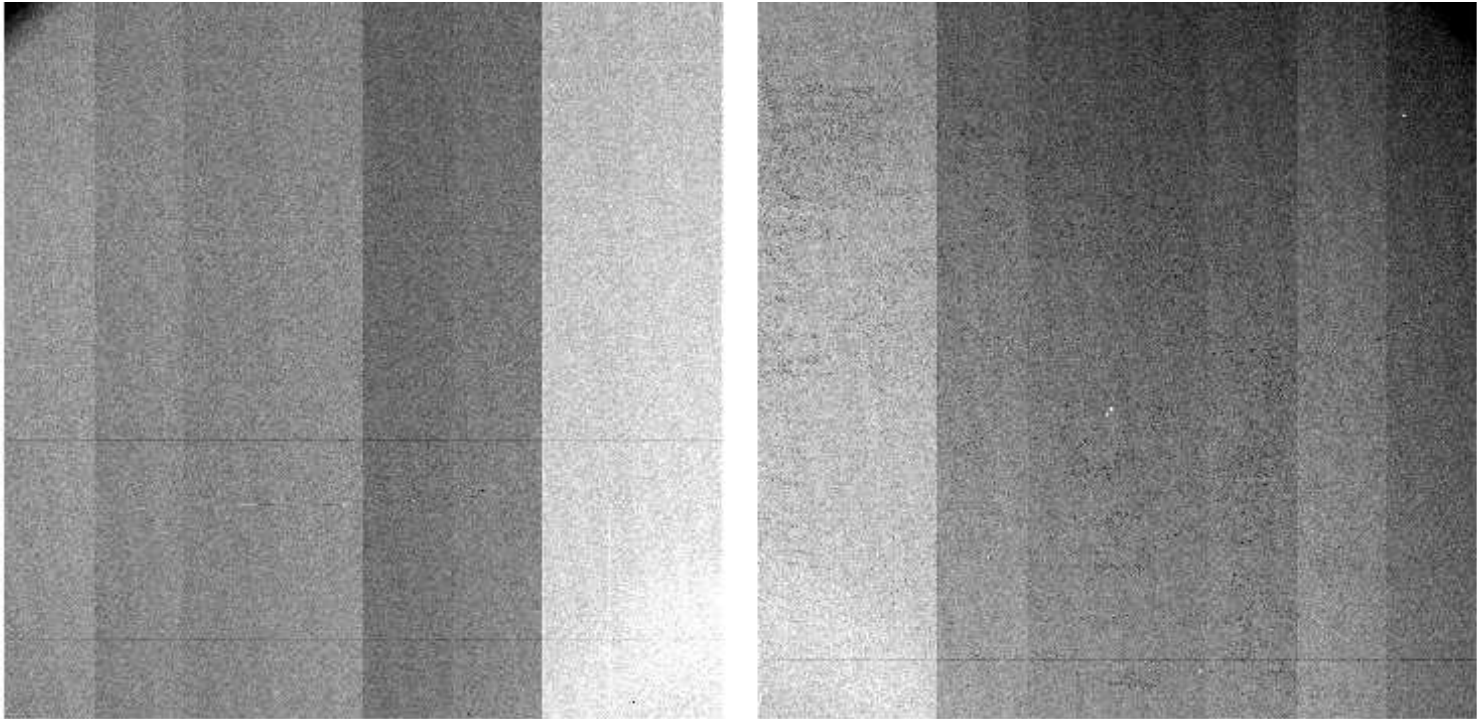
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65.8

70.5

3

0.3



File Name
Project ID
Image Type
Object Name
RA
DEC
Exposure Time
Airmass
Sidereal Time
Filter ID
Observation Date
CCD Temperature

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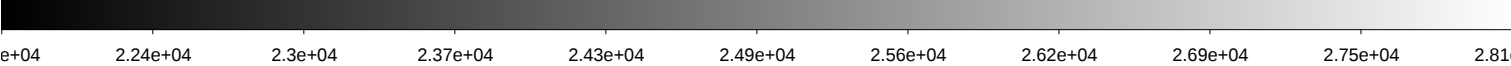
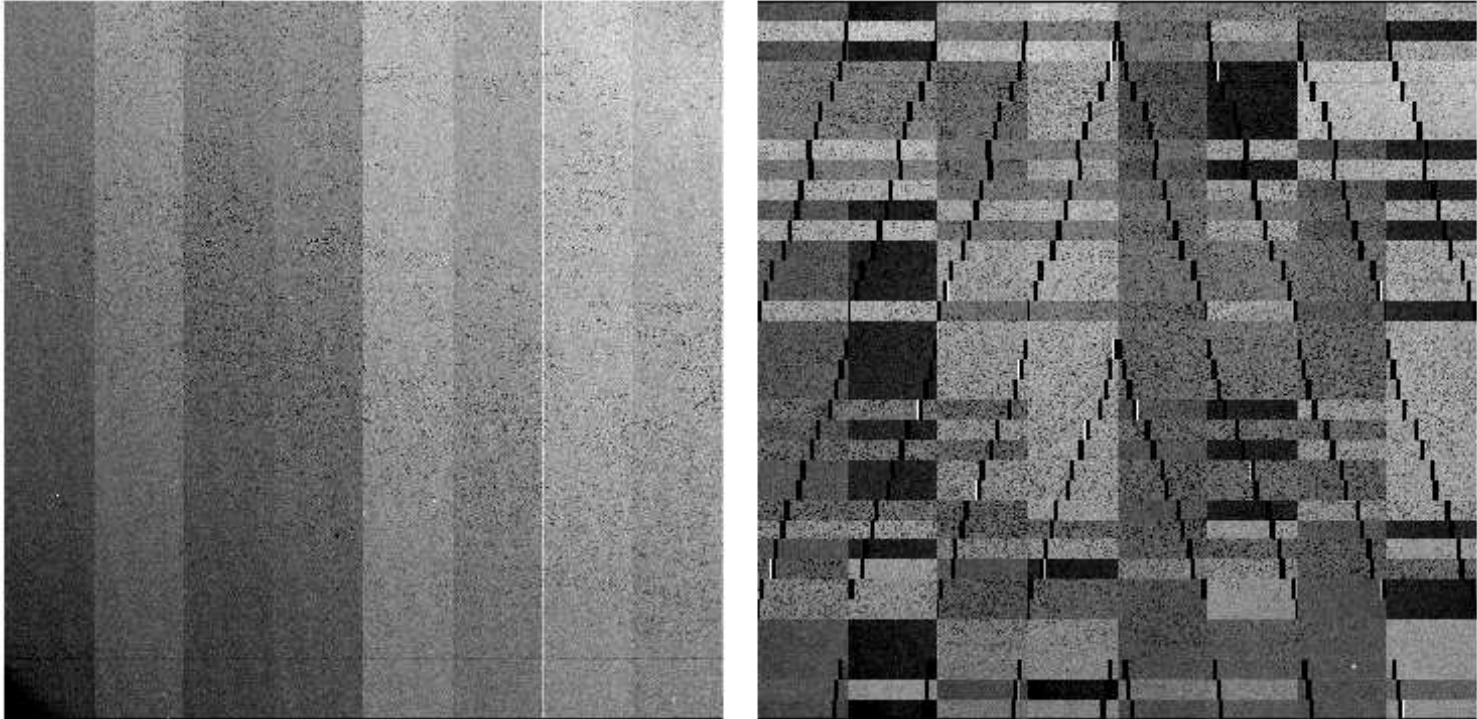
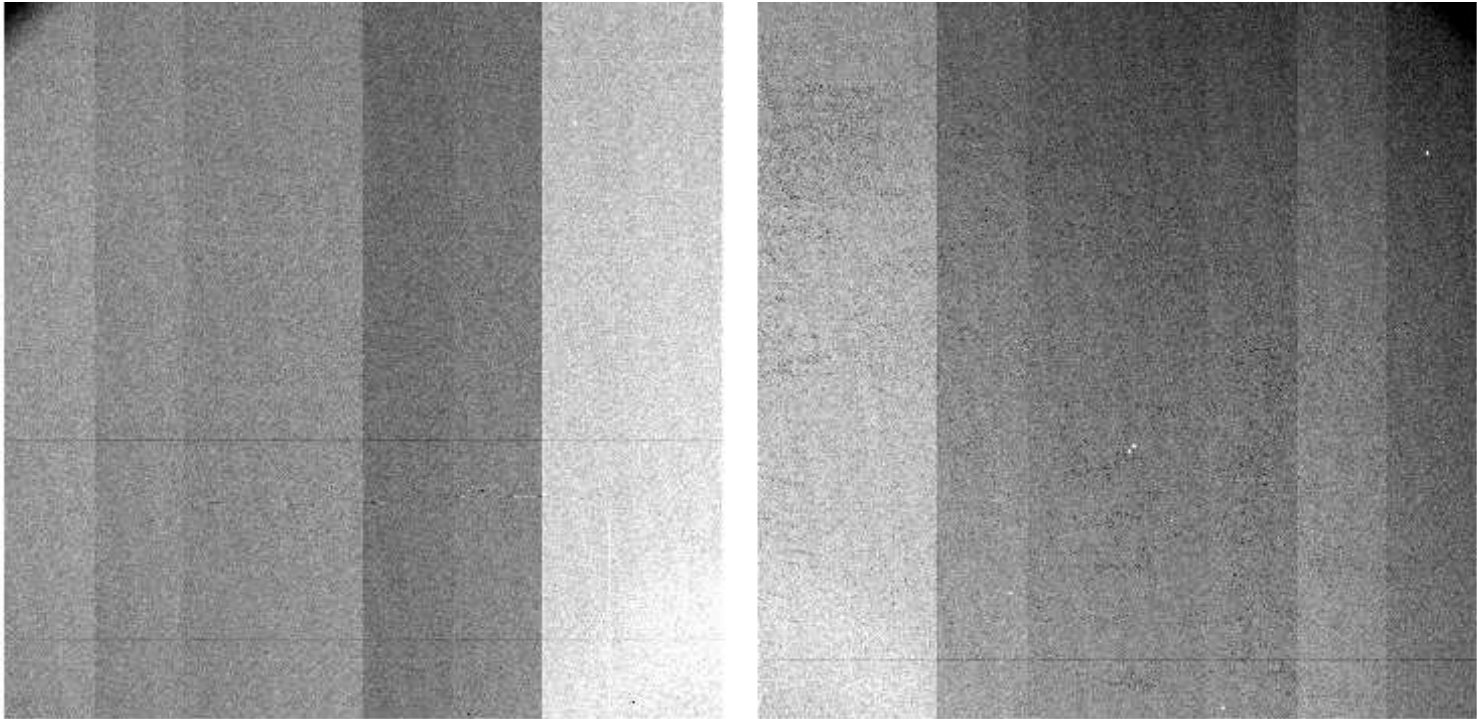
kmta.20260725.030015.fits
ALL
FLAT
flat
15:53:17.160
-35:56:17.10
6
1.09
14:00:42
B
2026-07-25T07:50:27
-273.15

8 / 80

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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66.1
70.7
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3
0.3



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030016.fits

ALL

FLAT

flat

15:53:11.450

-35:50:21.10

8

1.09

14:01:59

B

2026-07-25T07:51:44

-273.15

9 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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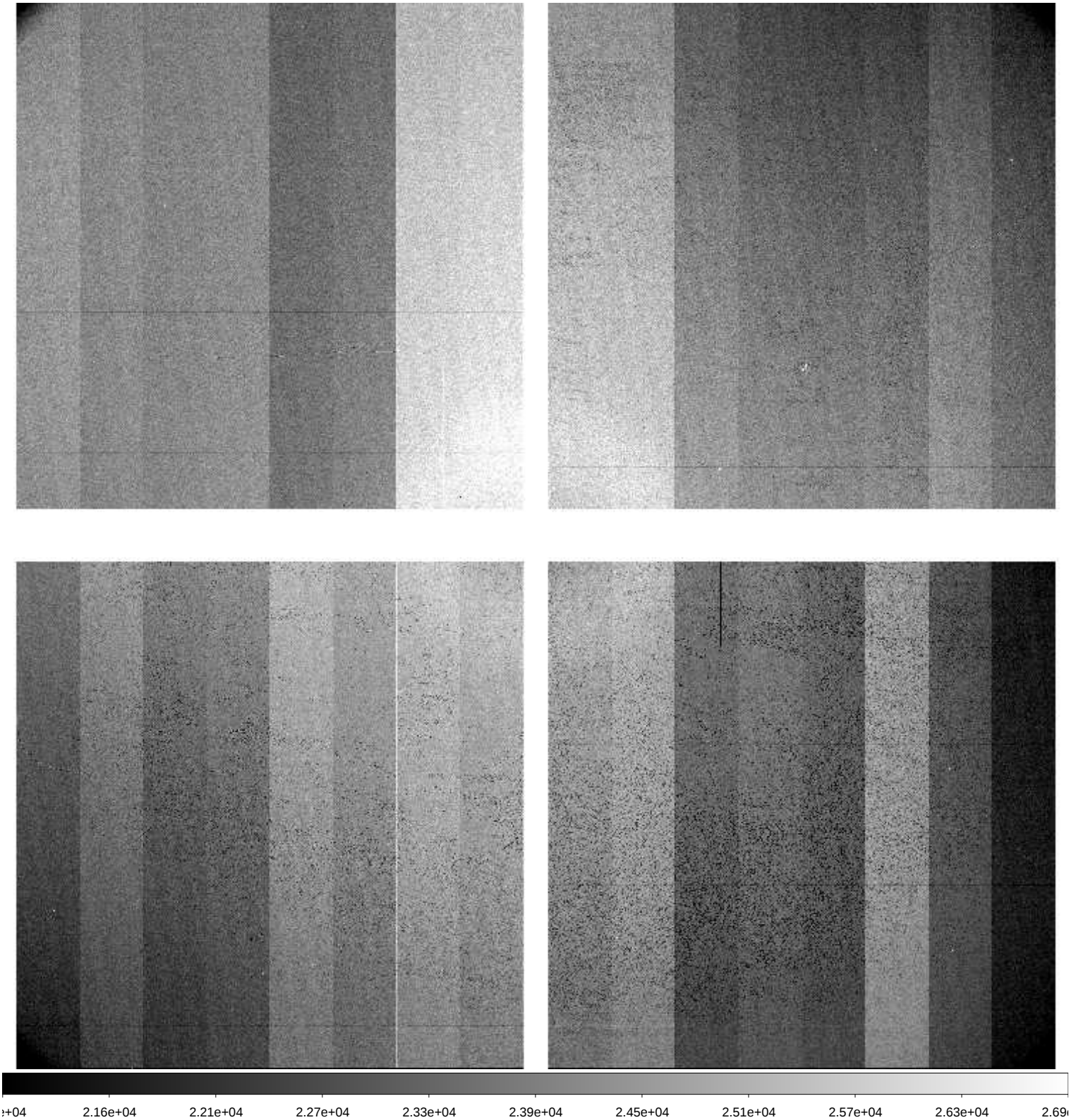
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66.4

70.9

3

0.3



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030017.fits

ALL

FLAT

flat

15:53:33.950

-35:47:35.60

10

1.09

14:03:14

B

2026-07-25T07:52:58

-273.15

10 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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66.6

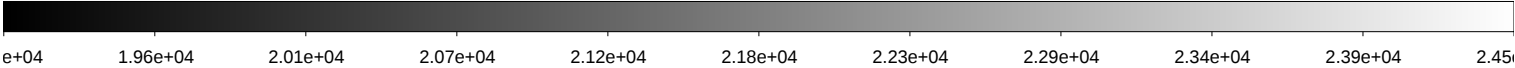
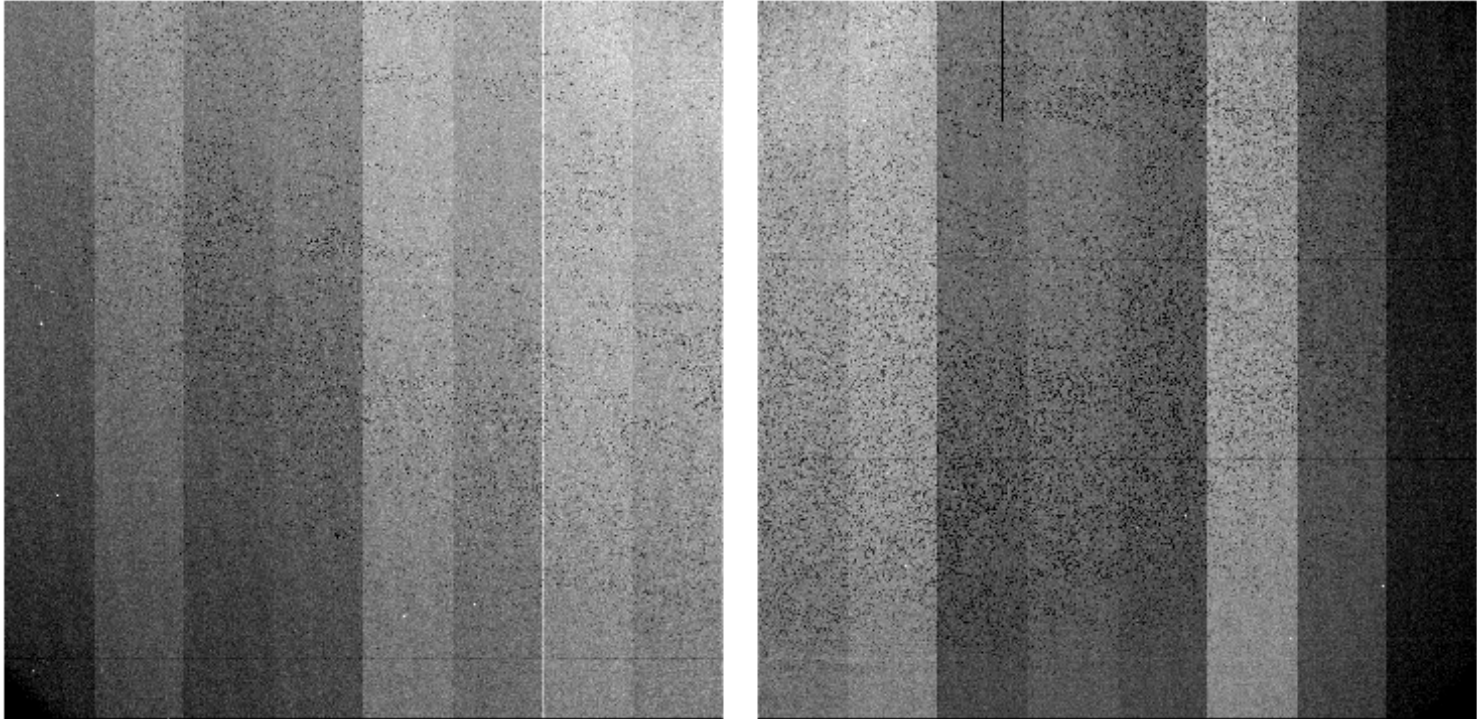
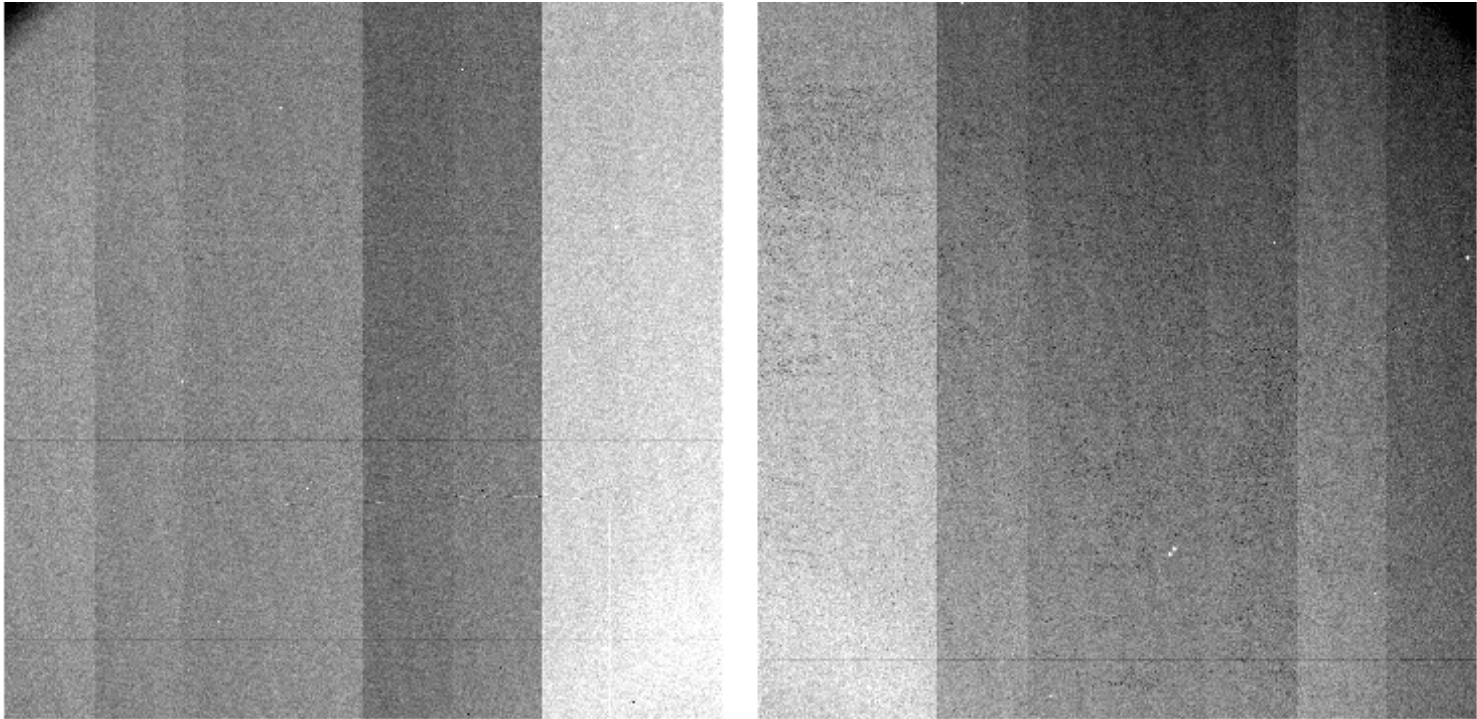
71.0

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0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030018.fits

ALL

FLAT

flat

15:53:21.880

-35:41:20.00

7

1.09

14:04:37

R

2026-07-25T07:54:21

-273.15

11 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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66.9

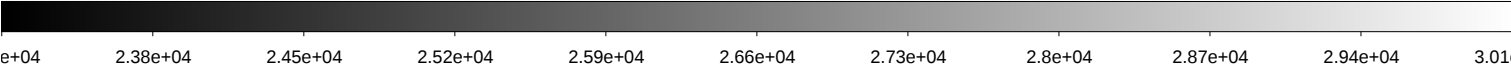
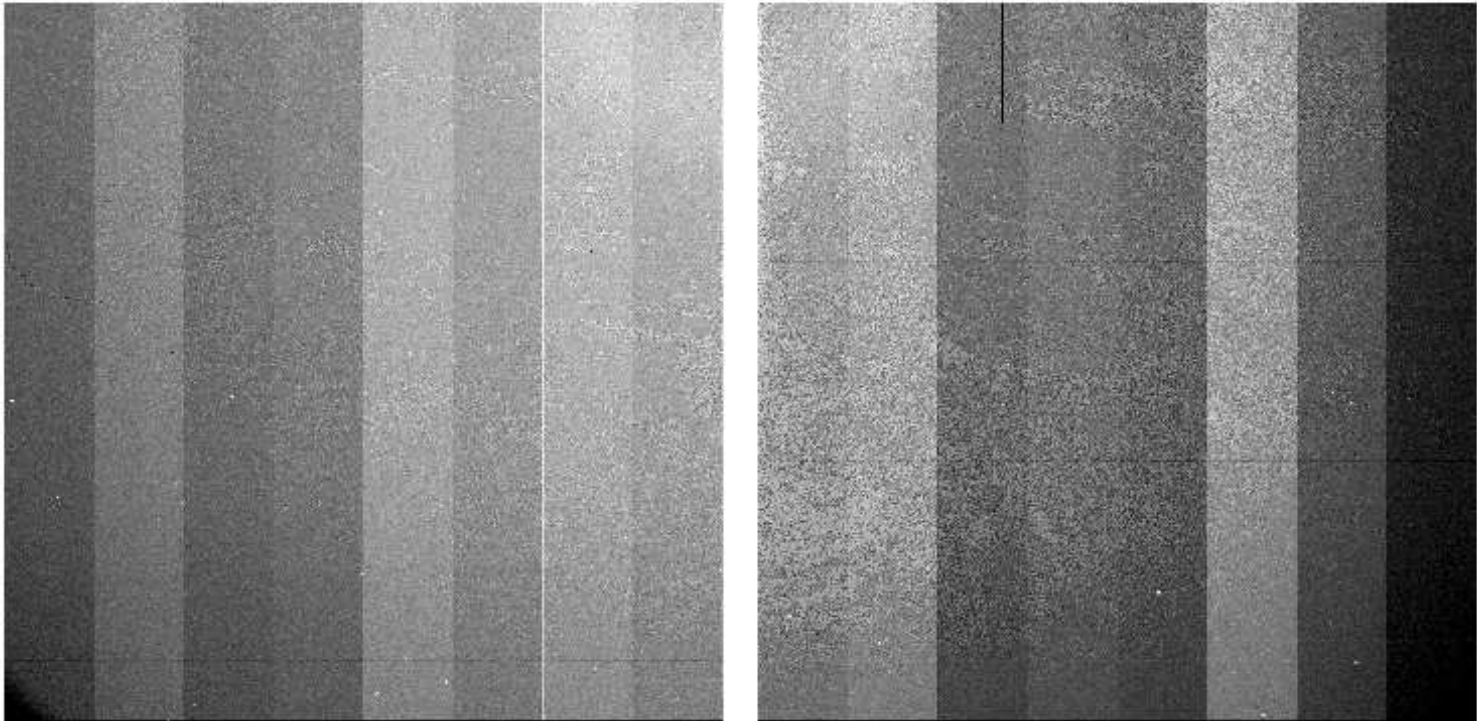
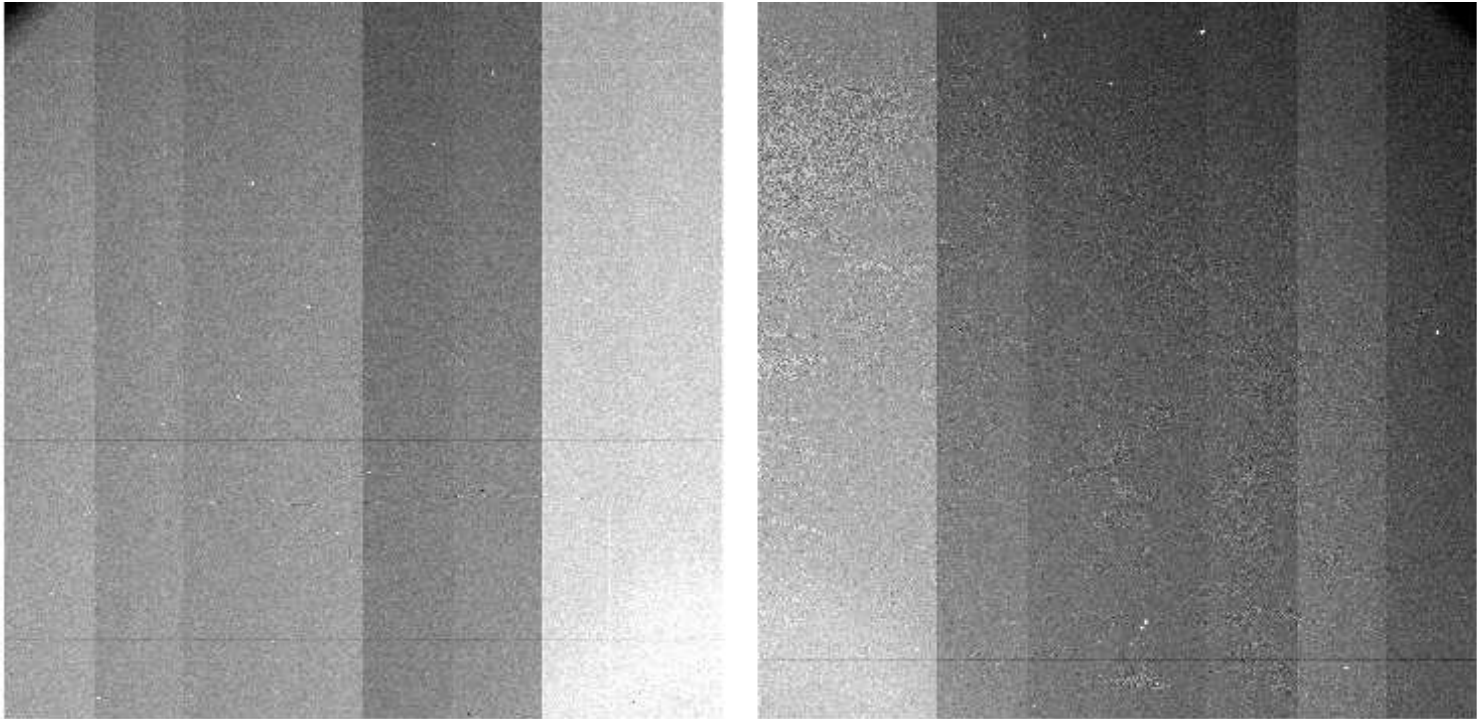
71.2

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0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030019.fits

ALL

FLAT

flat

15:53:21.050

-35:35:50.60

10

1.08

14:05:59

R

2026-07-25T07:55:43

-273.15

12 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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67.2

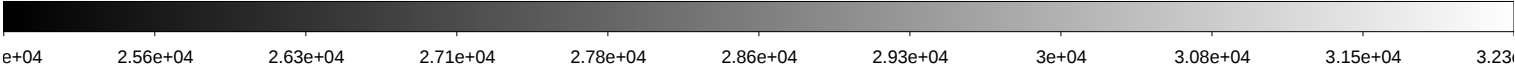
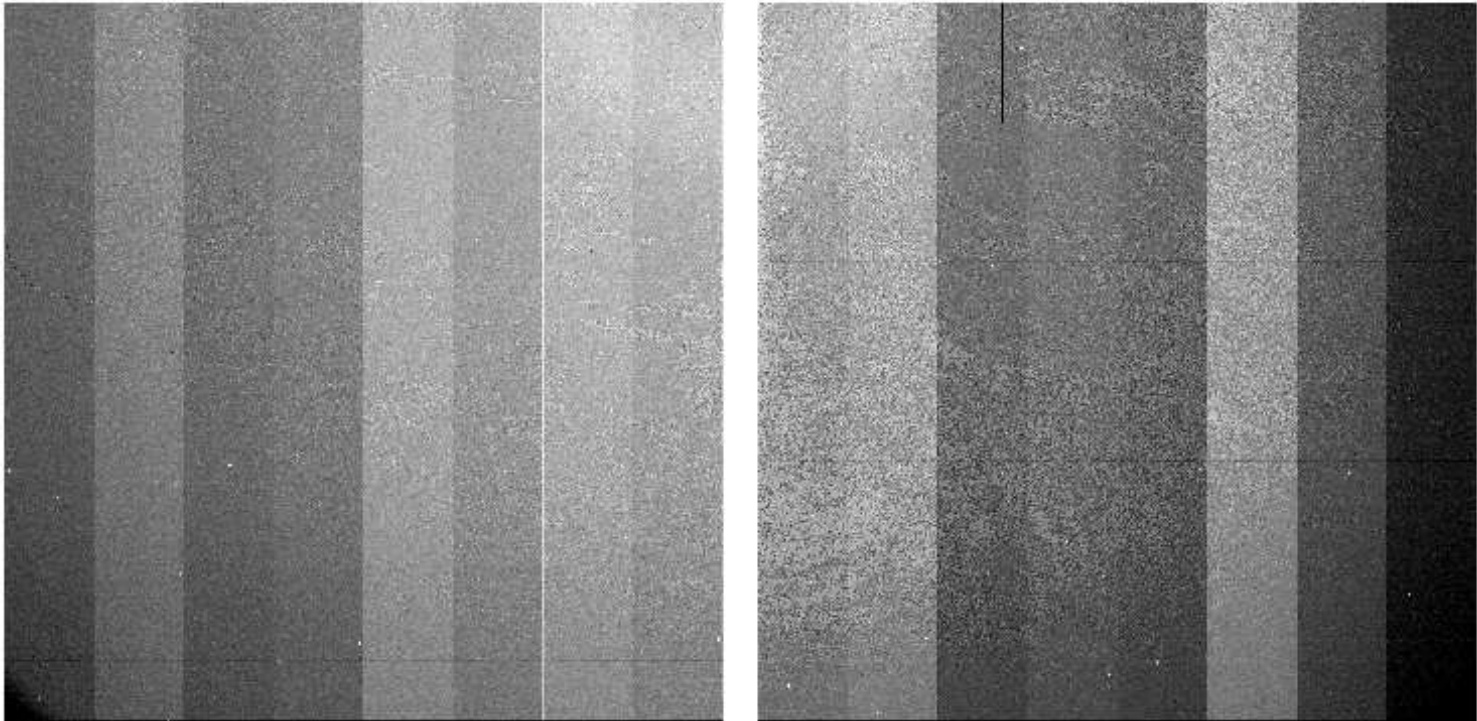
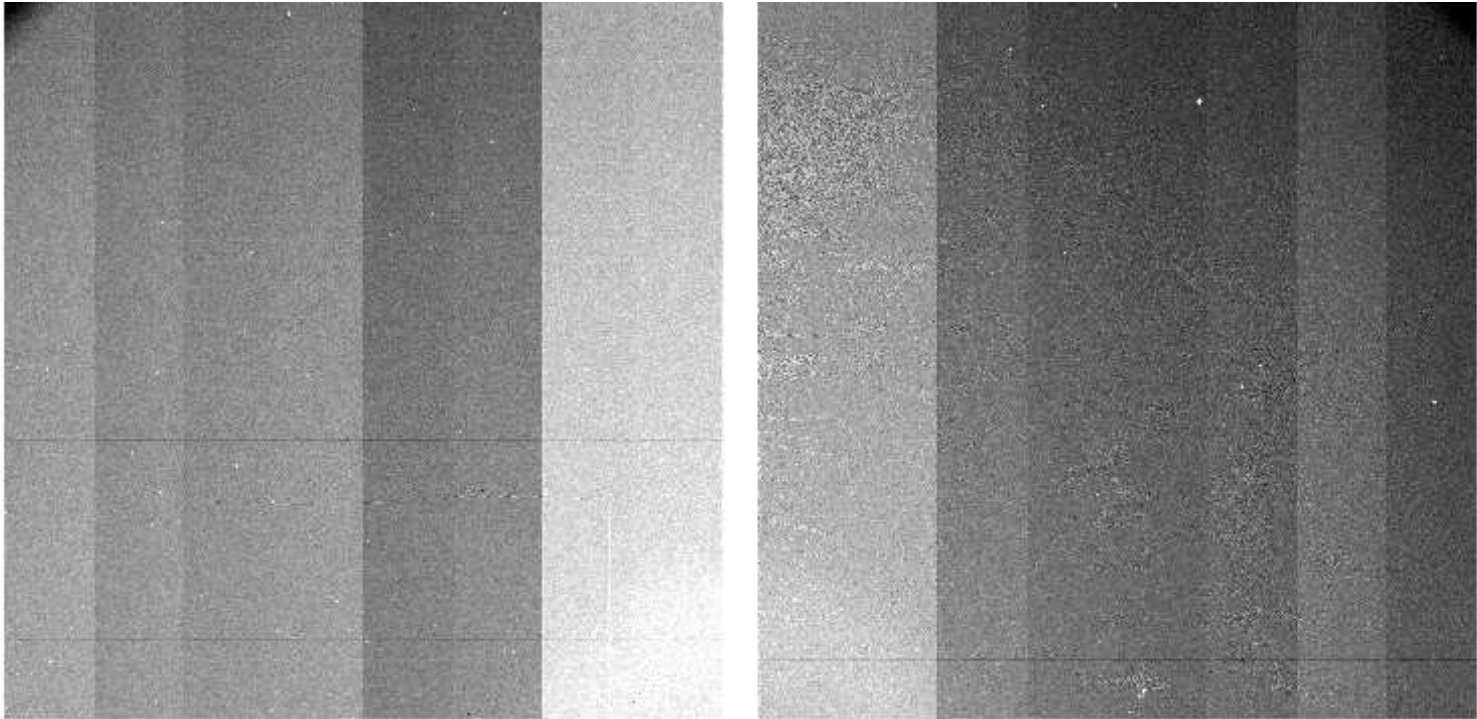
71.4

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0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030020.fits

ALL

FLAT

flat

15:53:48.560

-35:32:51.90

11

1.08

14:07:23

R

2026-07-25T07:57:07

-273.15

13 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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67.4

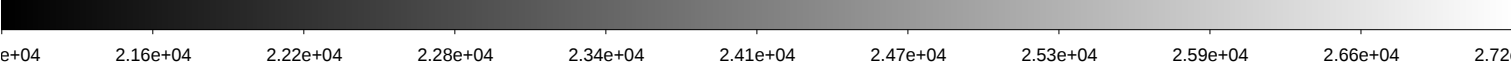
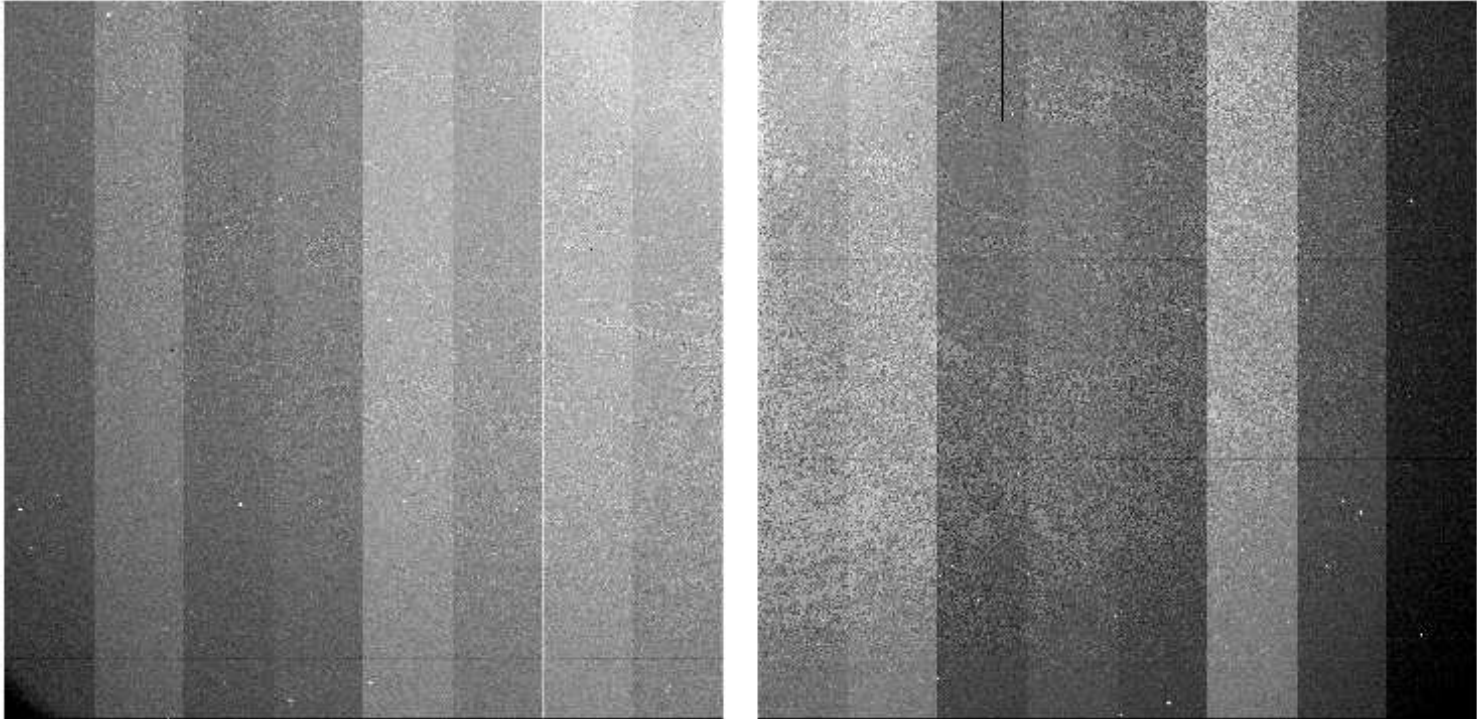
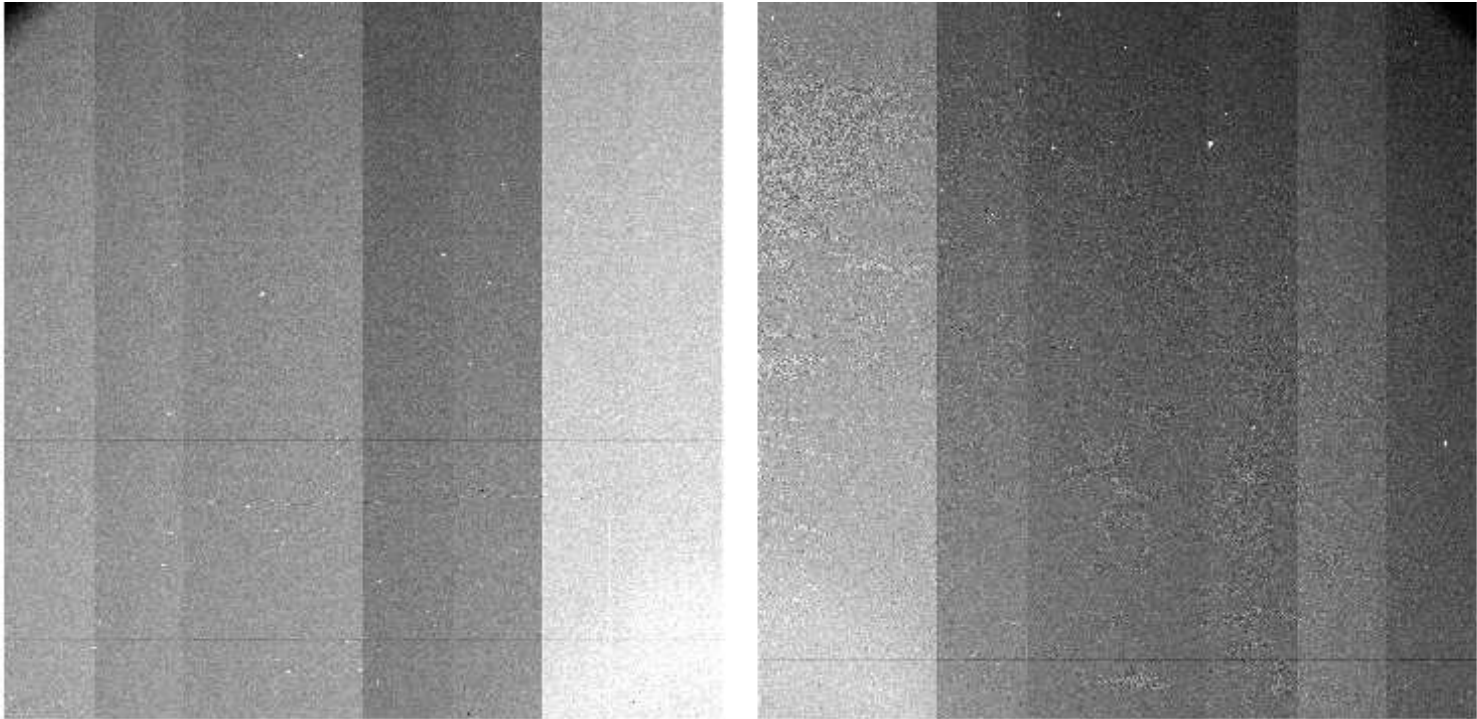
71.5

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3

0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030021.fits

BLG

OBJECT

focus

17:23:34.660

-29:42:08.60

20

1.35

14:10:26

I

2026-07-25T08:00:09

-273.15

14 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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47.9

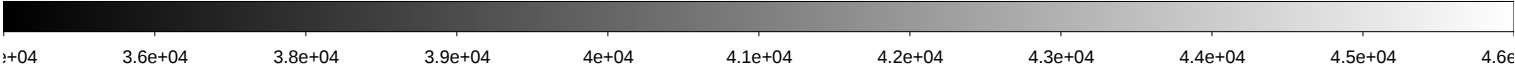
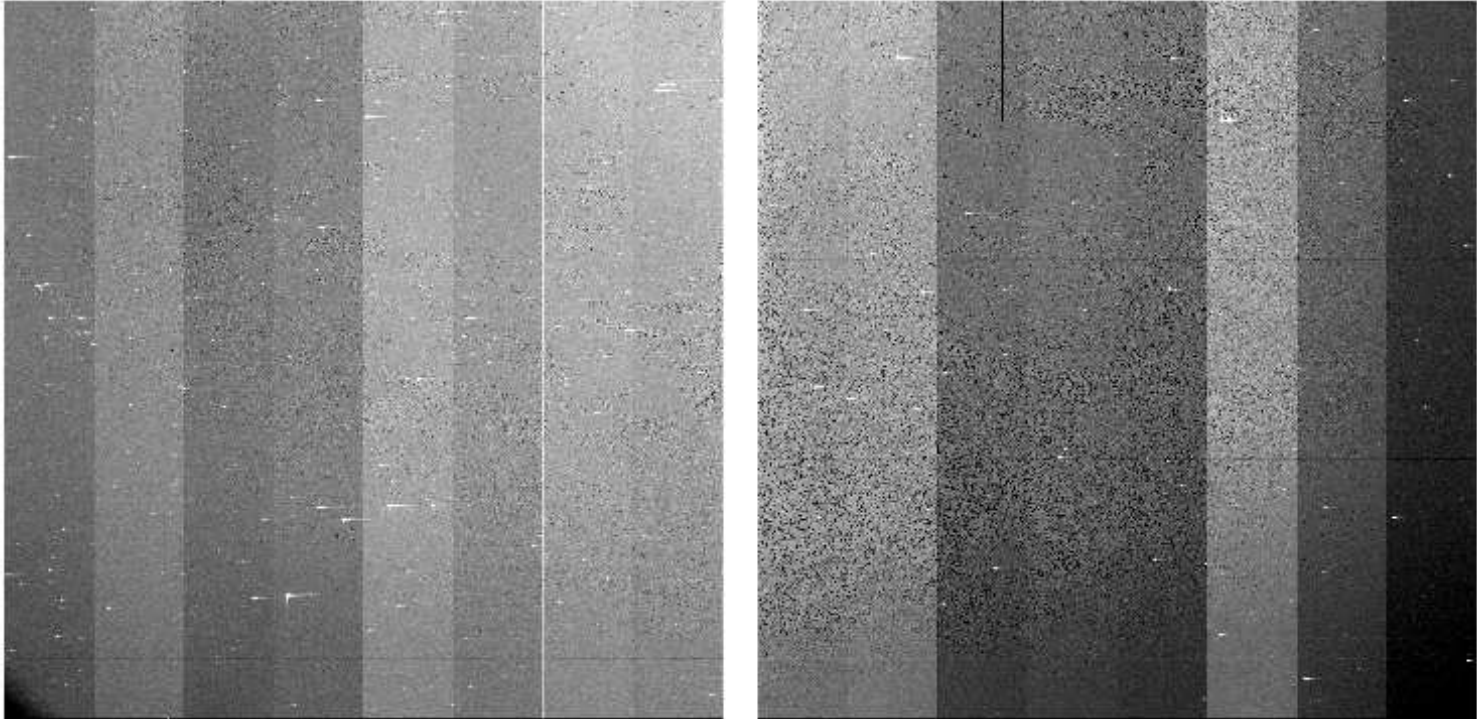
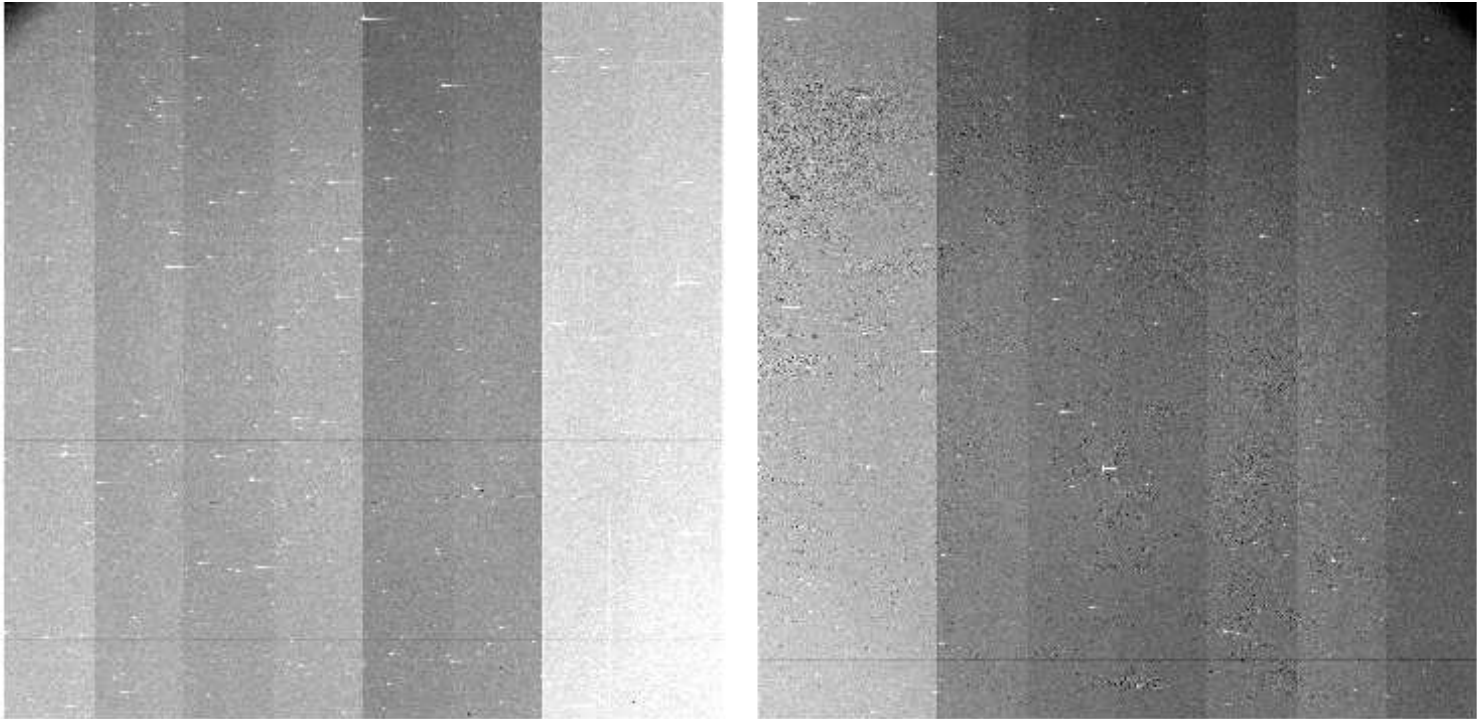
78.8

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1.8



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030022.fits

BLG

OBJECT

focus

17:46:18.650

-29:43:04.30

20

1.45

14:12:21

I

2026-07-25T08:02:04

-273.15

15 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.6

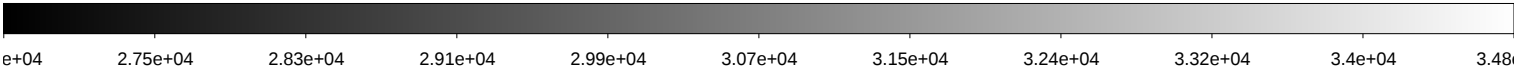
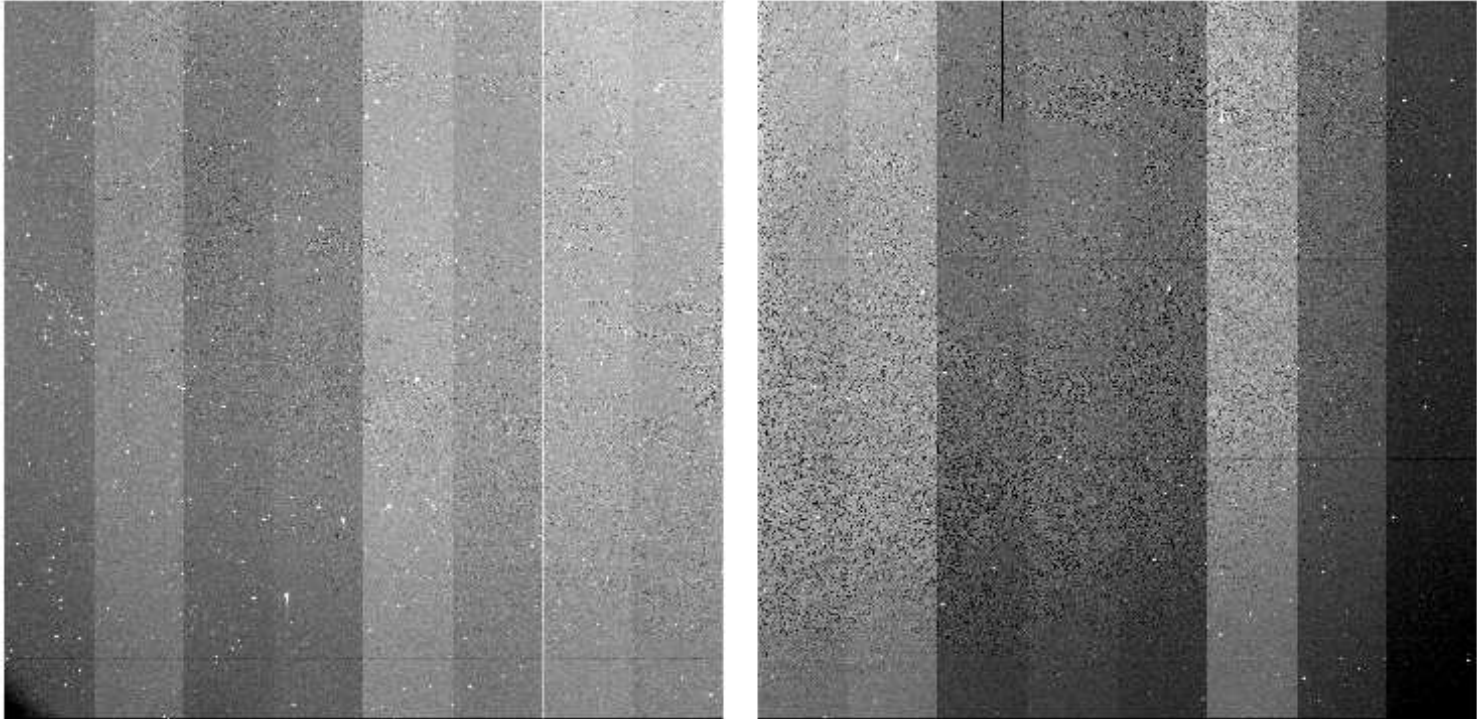
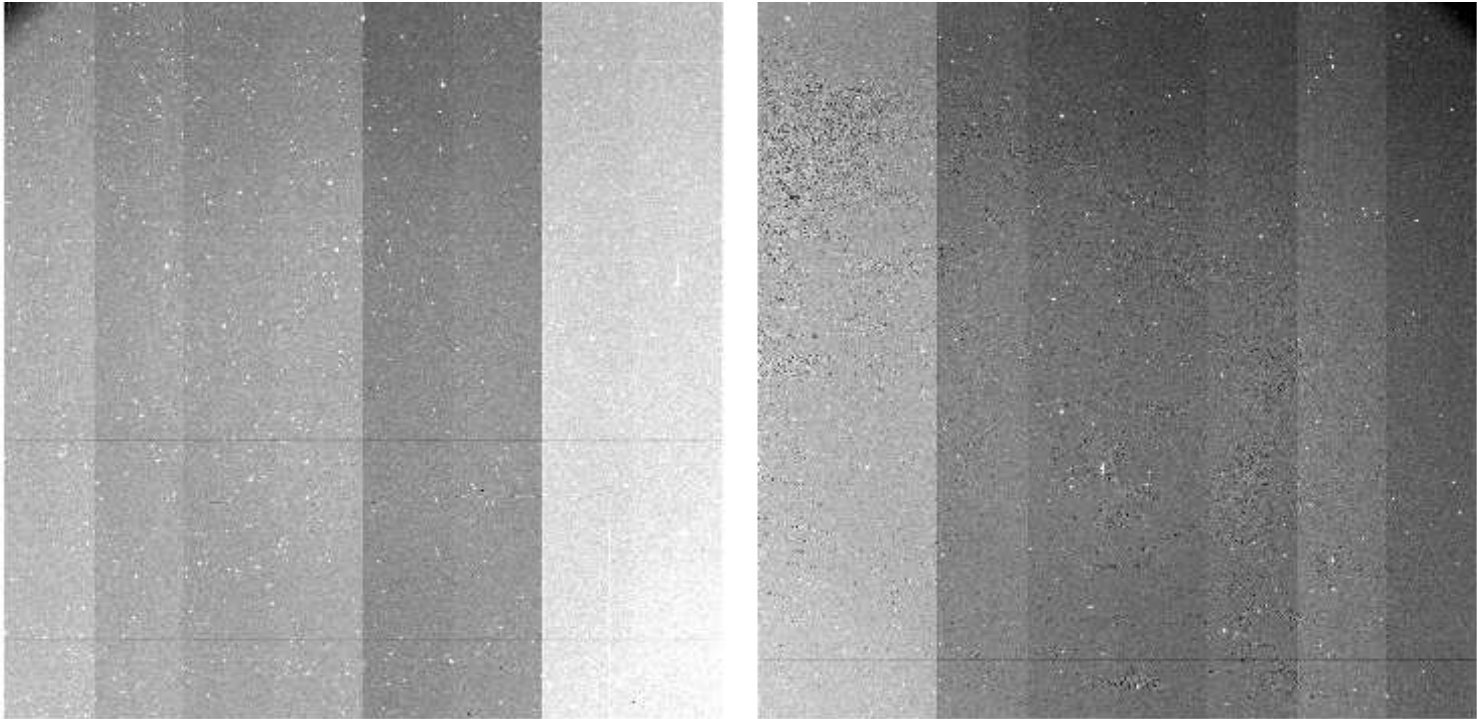
77.1

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0.6



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030023.fits

BLG

OBJECT

focus

17:46:18.650

-29:43:04.40

20

1.44

14:13:50

I

2026-07-25T08:03:33

-273.15

16 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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43.9

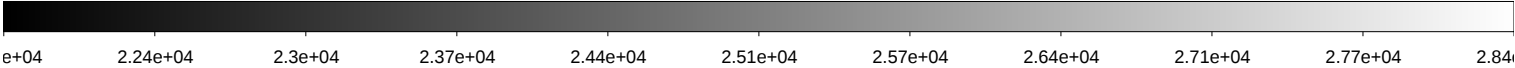
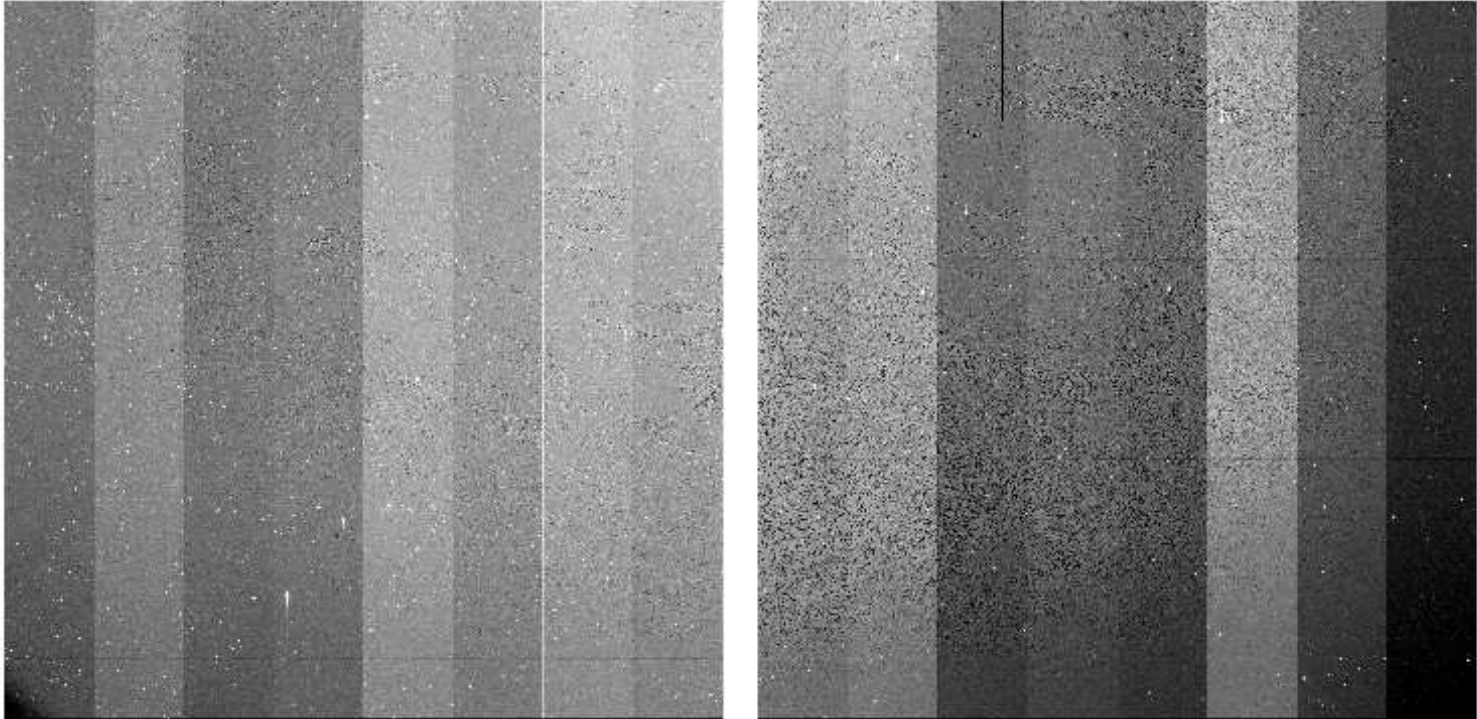
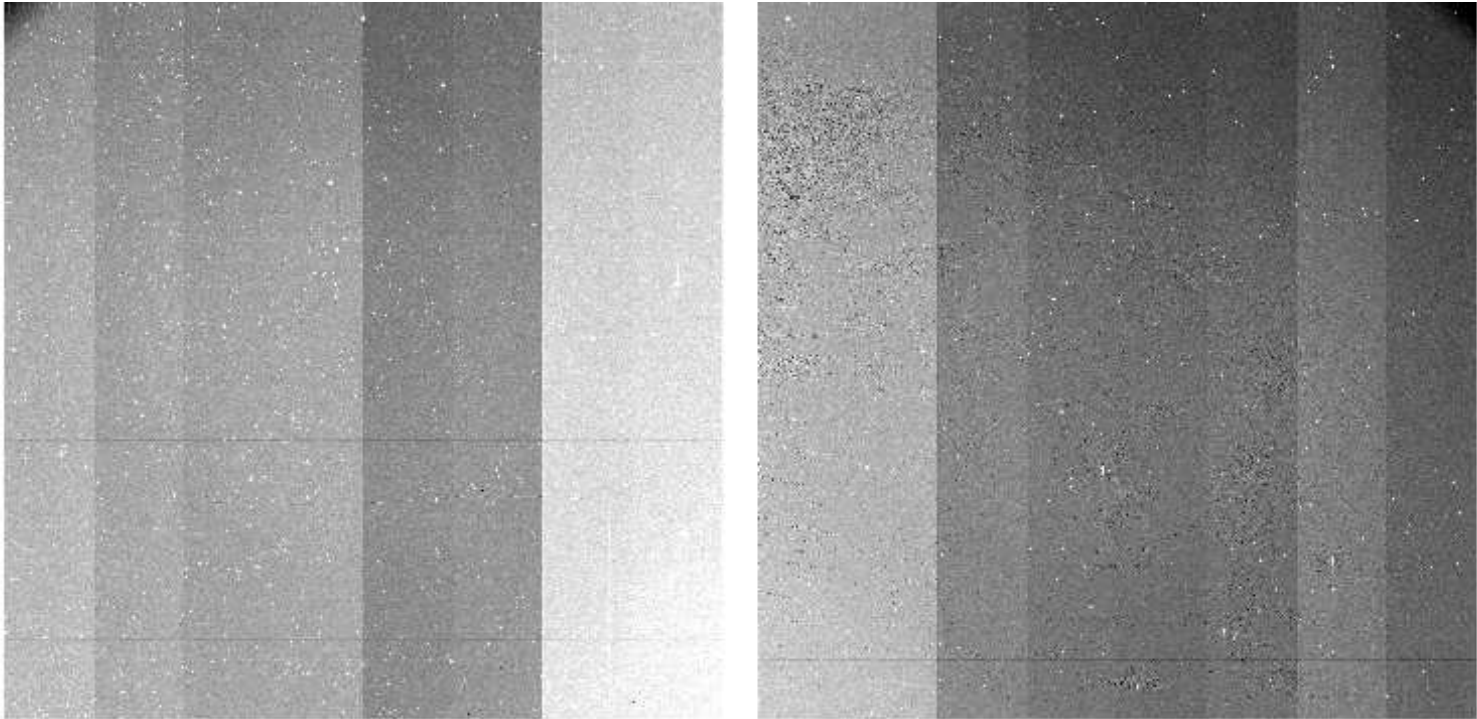
77.2

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0.6



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030024.fits

BLG

OBJECT

focus

17:46:18.650

-29:43:04.40

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1.43

14:15:22

I

2026-07-25T08:05:04

-273.15

17 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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44.2

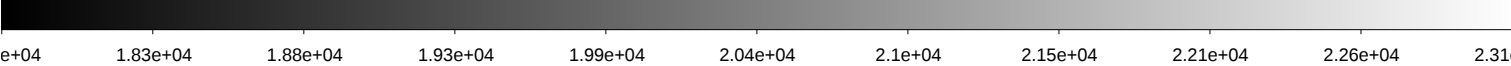
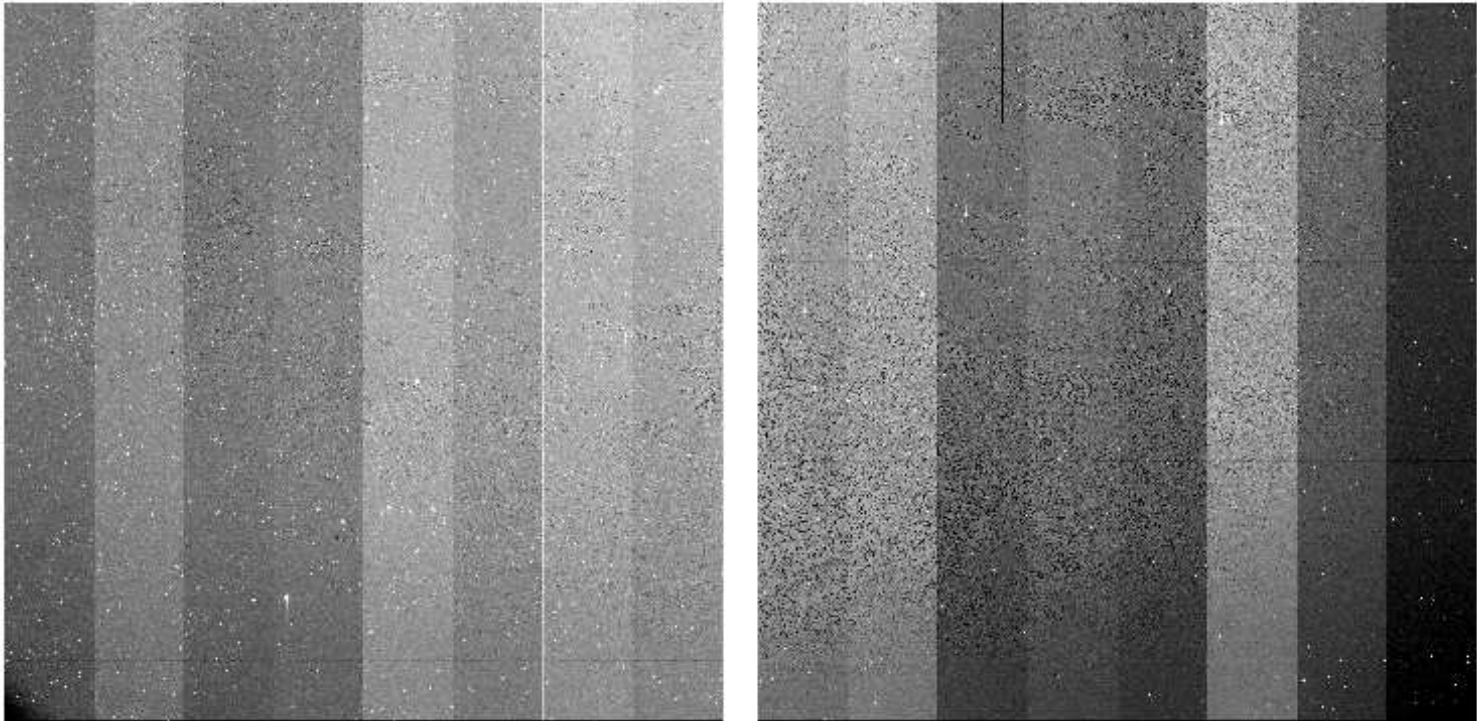
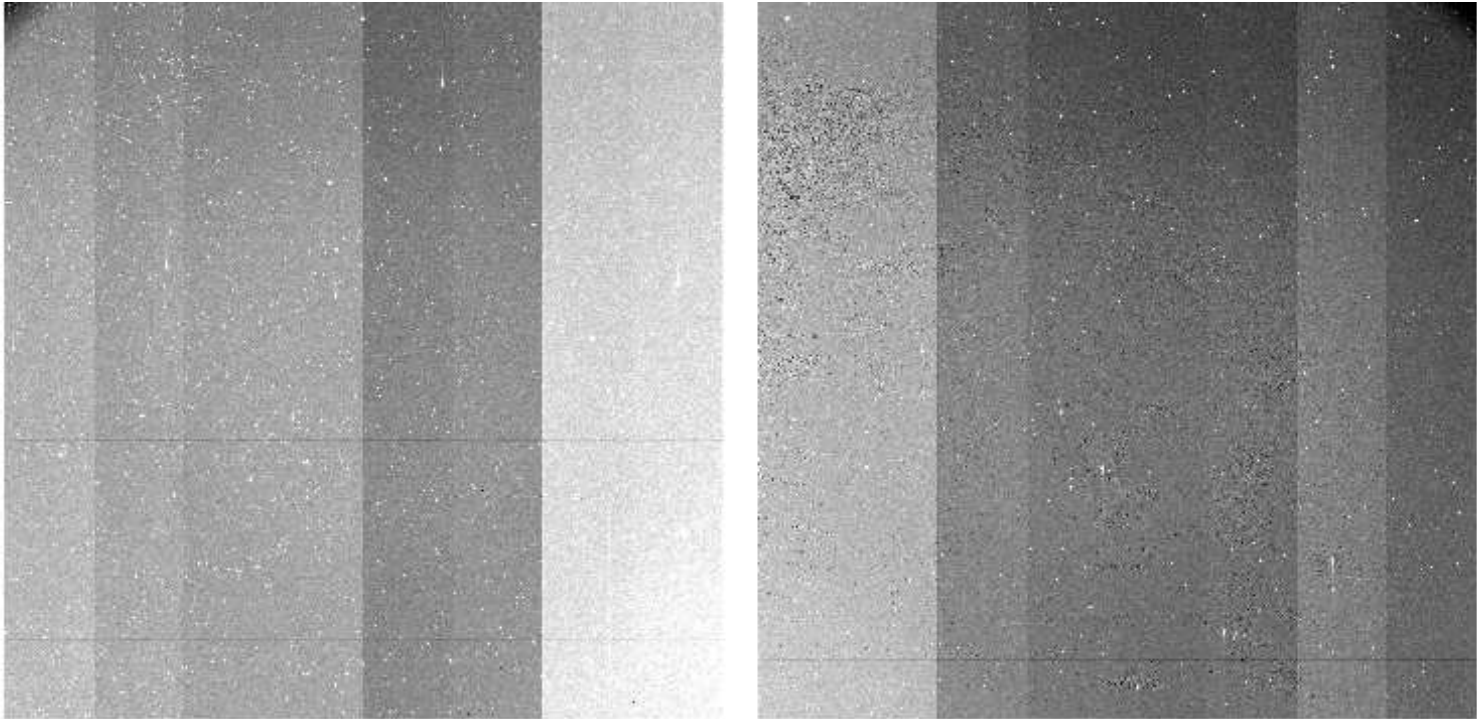
77.4

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0.6



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030025.fits

BLG

OBJECT

focus

17:46:18.650

-29:43:04.30

20

1.43

14:17:00

I

2026-07-25T08:06:42

-273.15

18 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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44.5

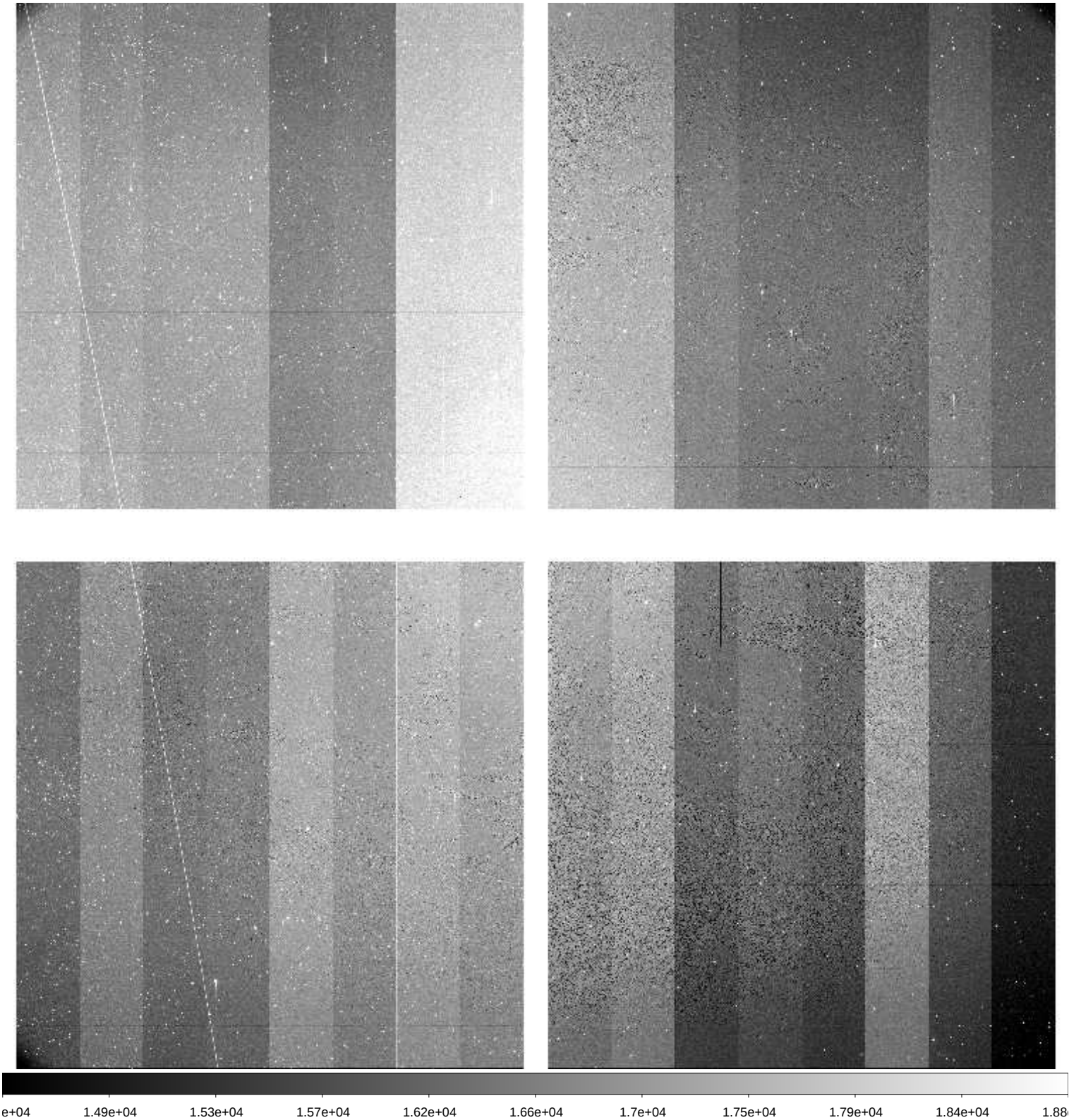
77.5

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0.6



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030026.fits

BLG

OBJECT

focus

17:46:18.650

-29:43:04.40

20

1.41

14:19:08

I

2026-07-25T08:08:49

-273.15

19 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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45.0

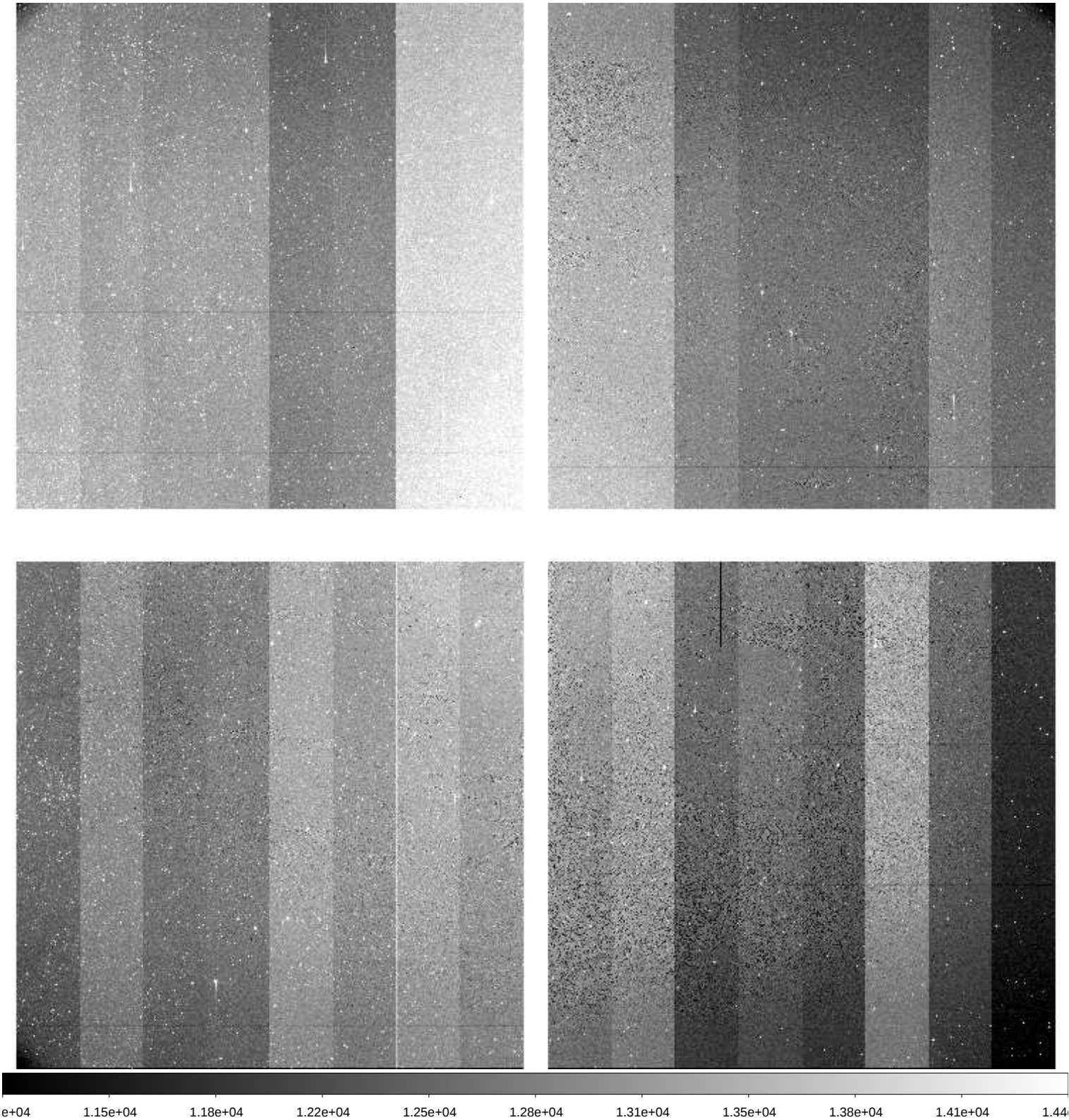
77.7

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0.6



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030027.fits

BLG

OBJECT

focus

17:46:18.640

-29:43:04.40

20

1.41

14:20:26

I

2026-07-25T08:10:20

-273.15

20 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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45.3

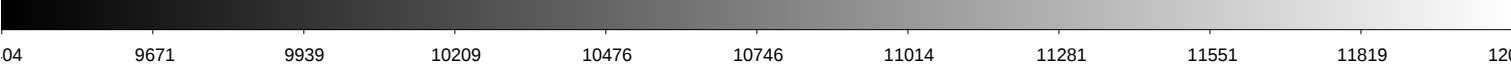
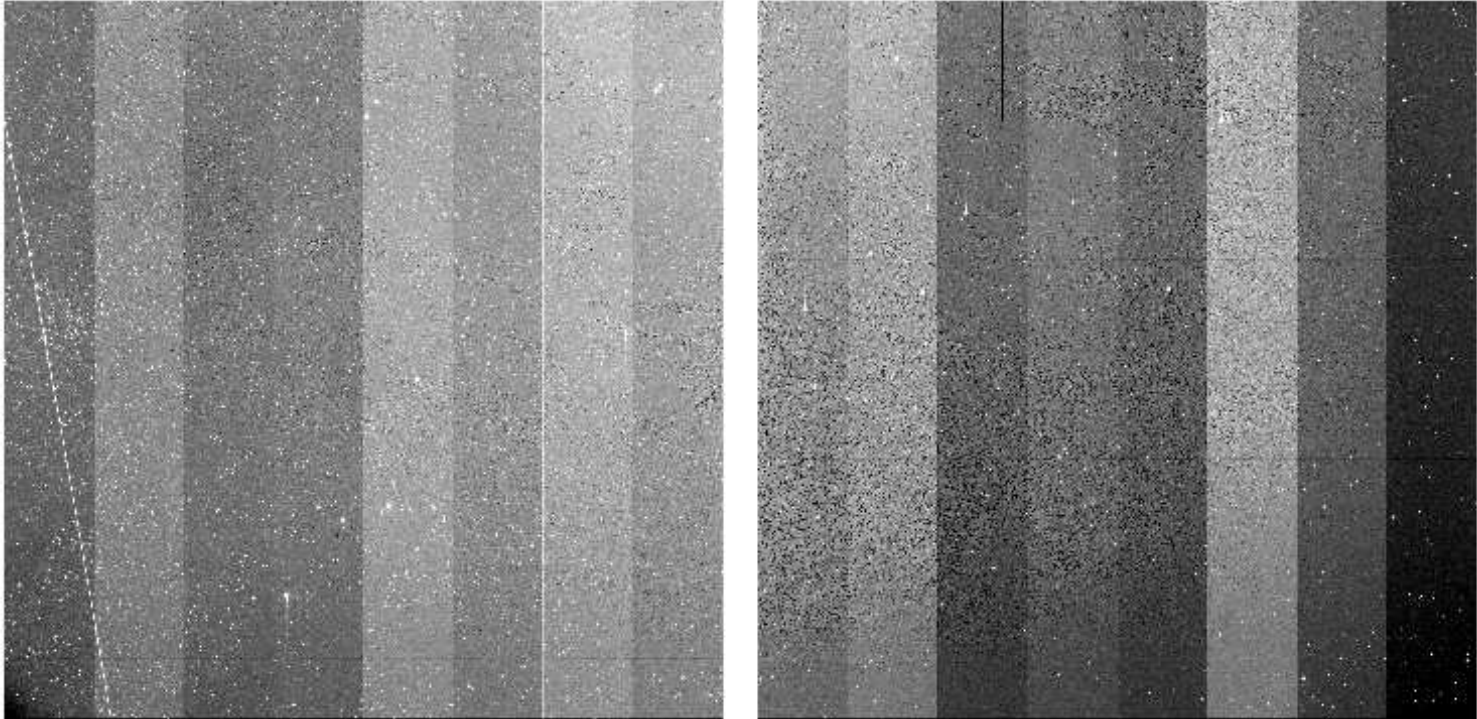
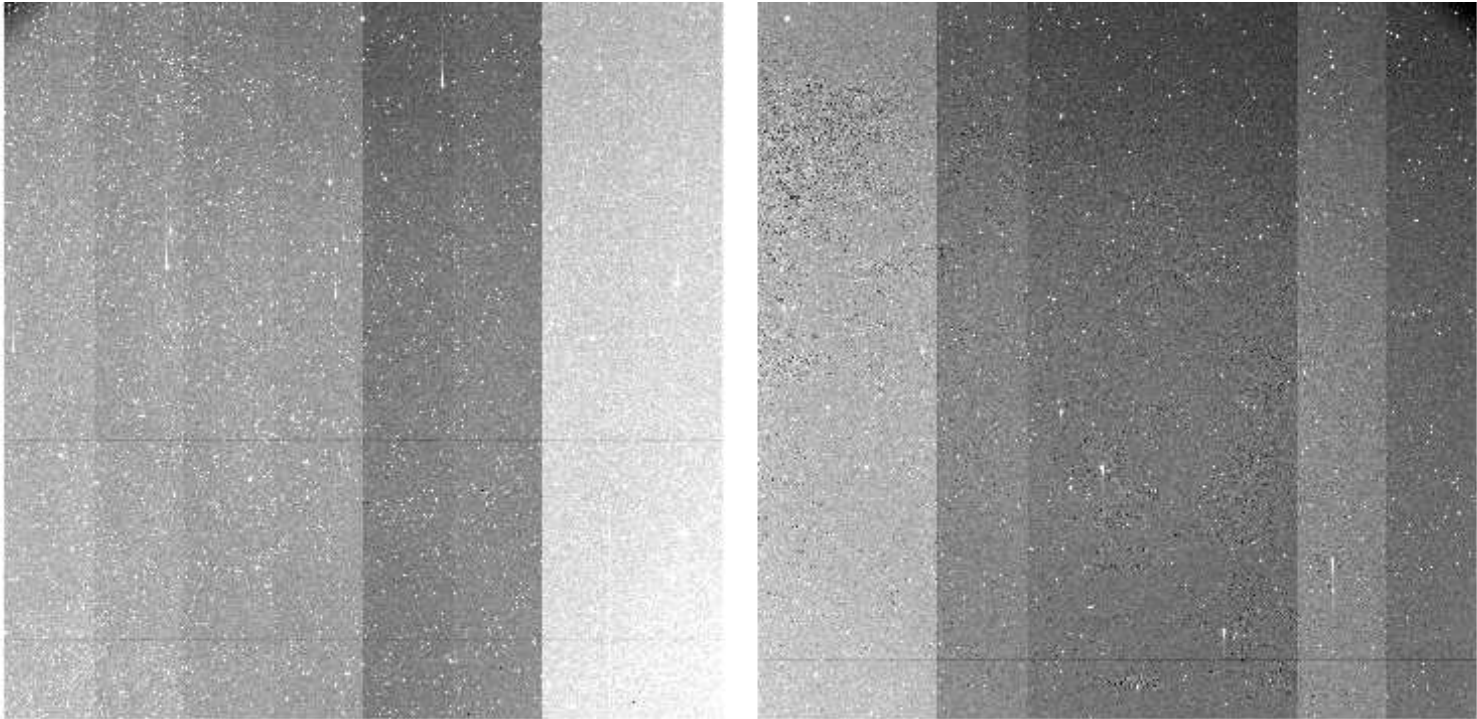
77.8

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0.6



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030028.fits

BLG

OBJECT

focus

17:46:18.640

-29:43:04.30

20

1.40

14:21:56

I

2026-07-25T08:11:37

-273.15

21 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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45.6

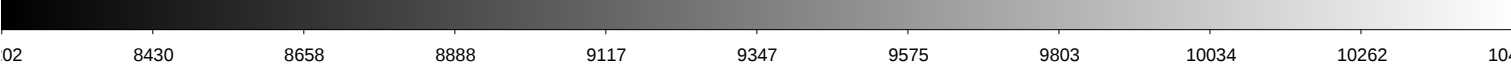
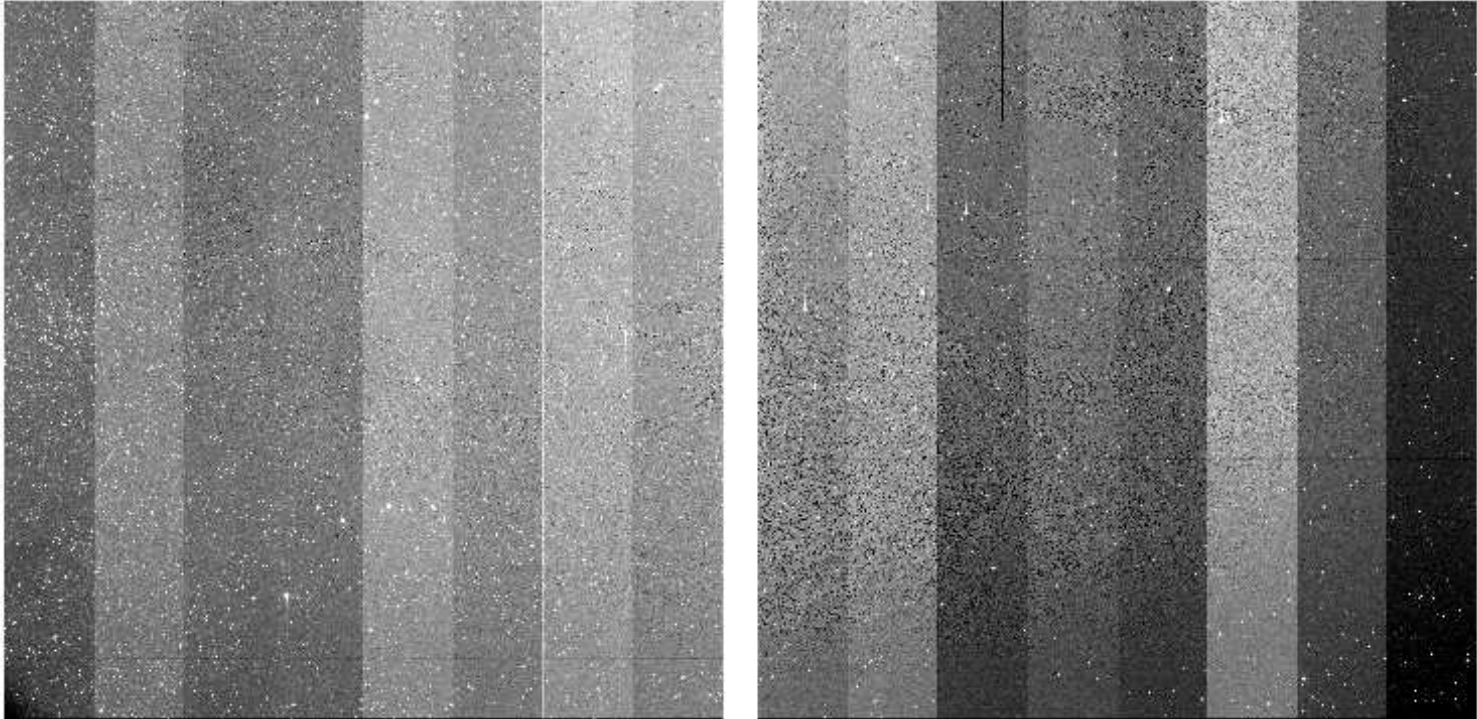
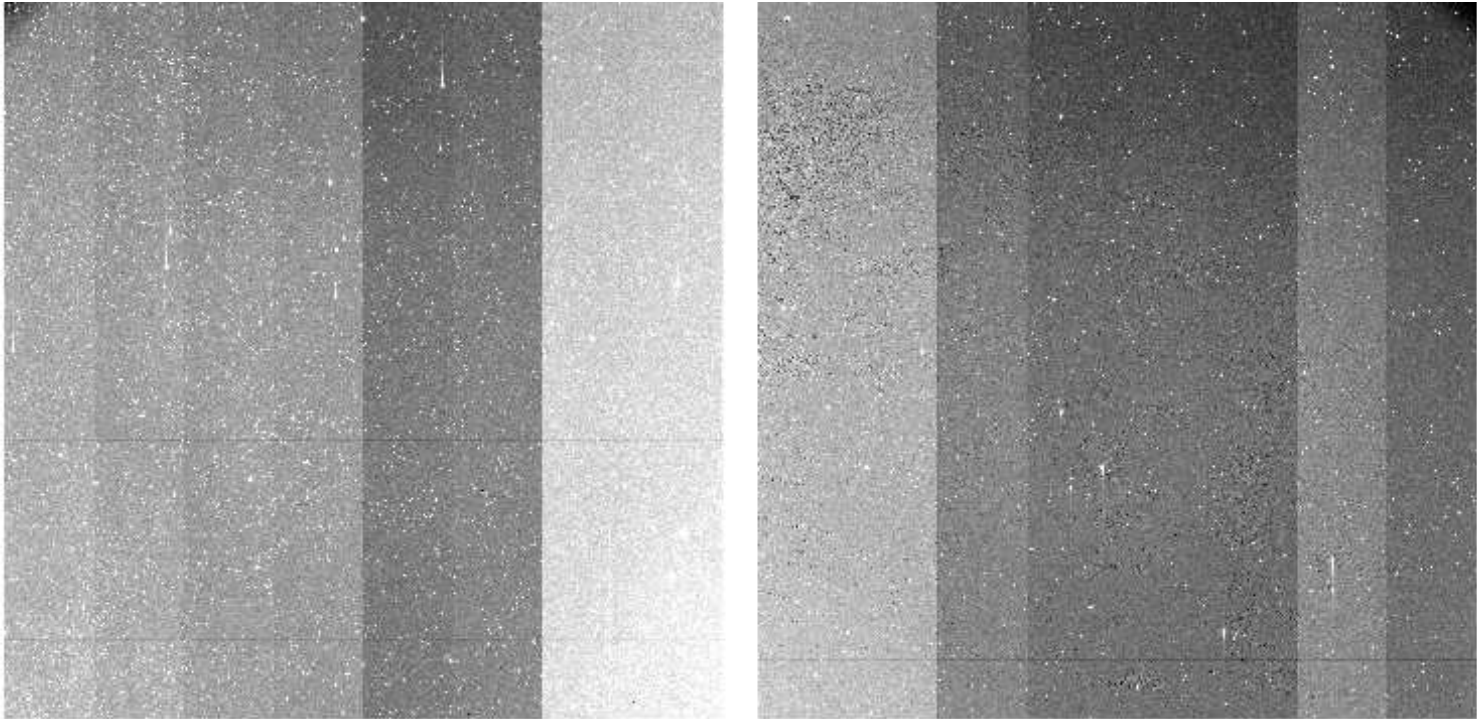
77.9

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0.6



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030029.fits

BLG

OBJECT

focus

17:46:18.640

-29:43:04.30

20

1.39

14:23:13

I

2026-07-25T08:13:07

-273.15

22 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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45.8

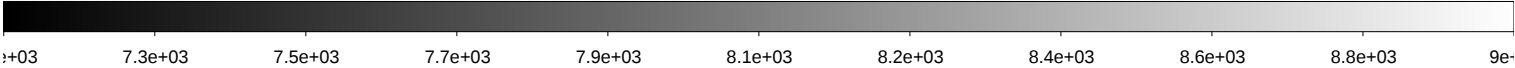
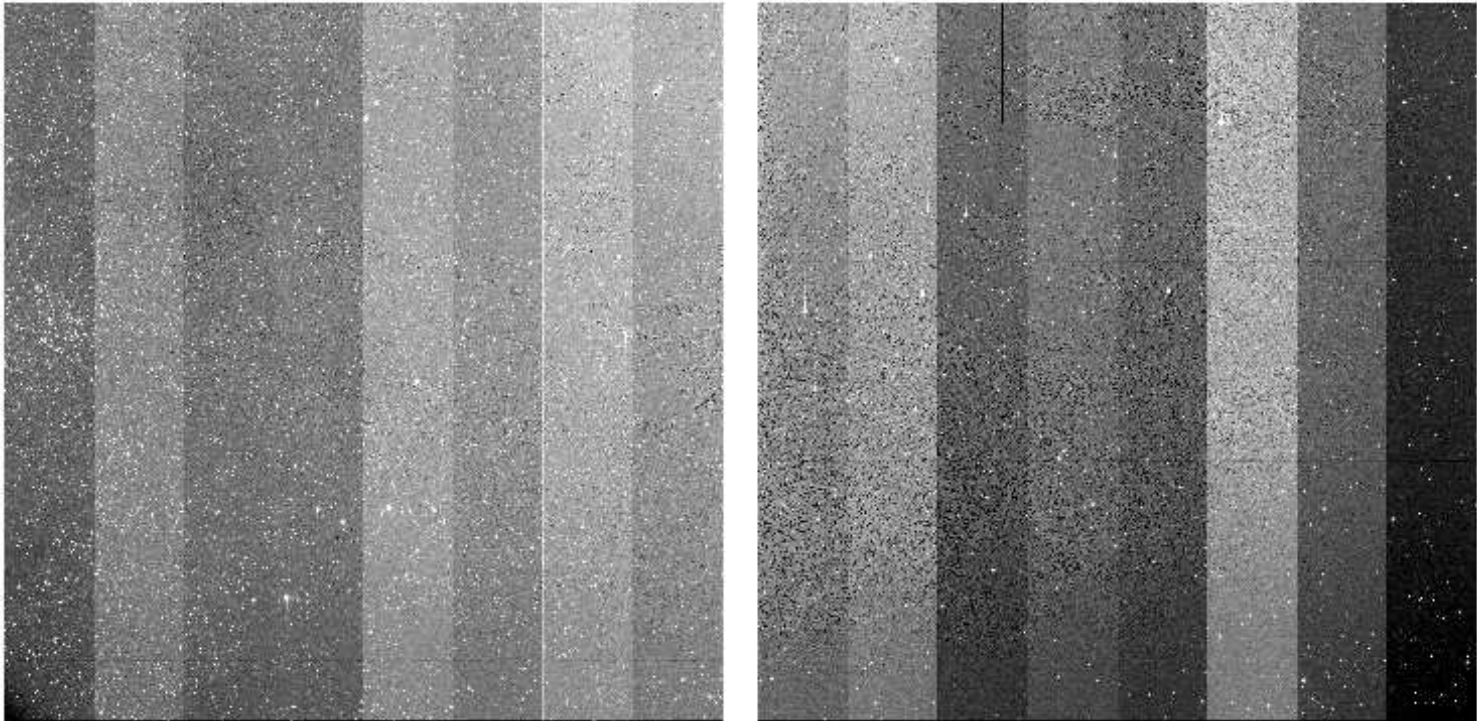
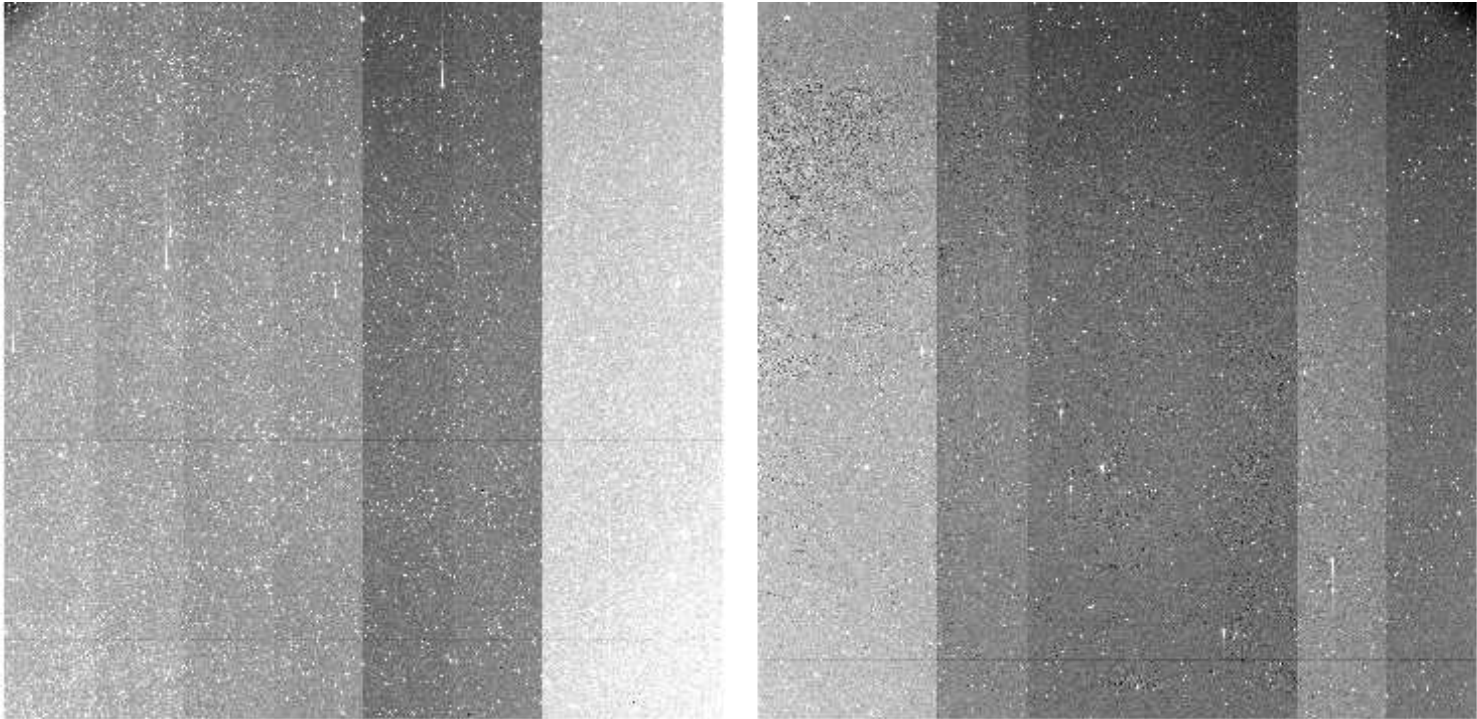
78.0

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0.6



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030030.fits

BLG

OBJECT

focus

17:46:18.640

-29:43:04.30

20

1.38

14:25:06

I

2026-07-25T08:14:48

-273.15

23 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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46.2

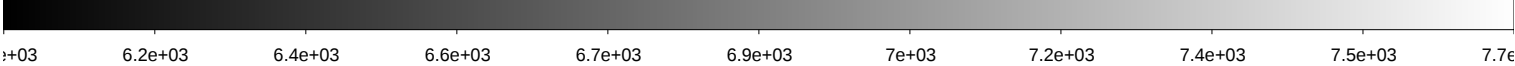
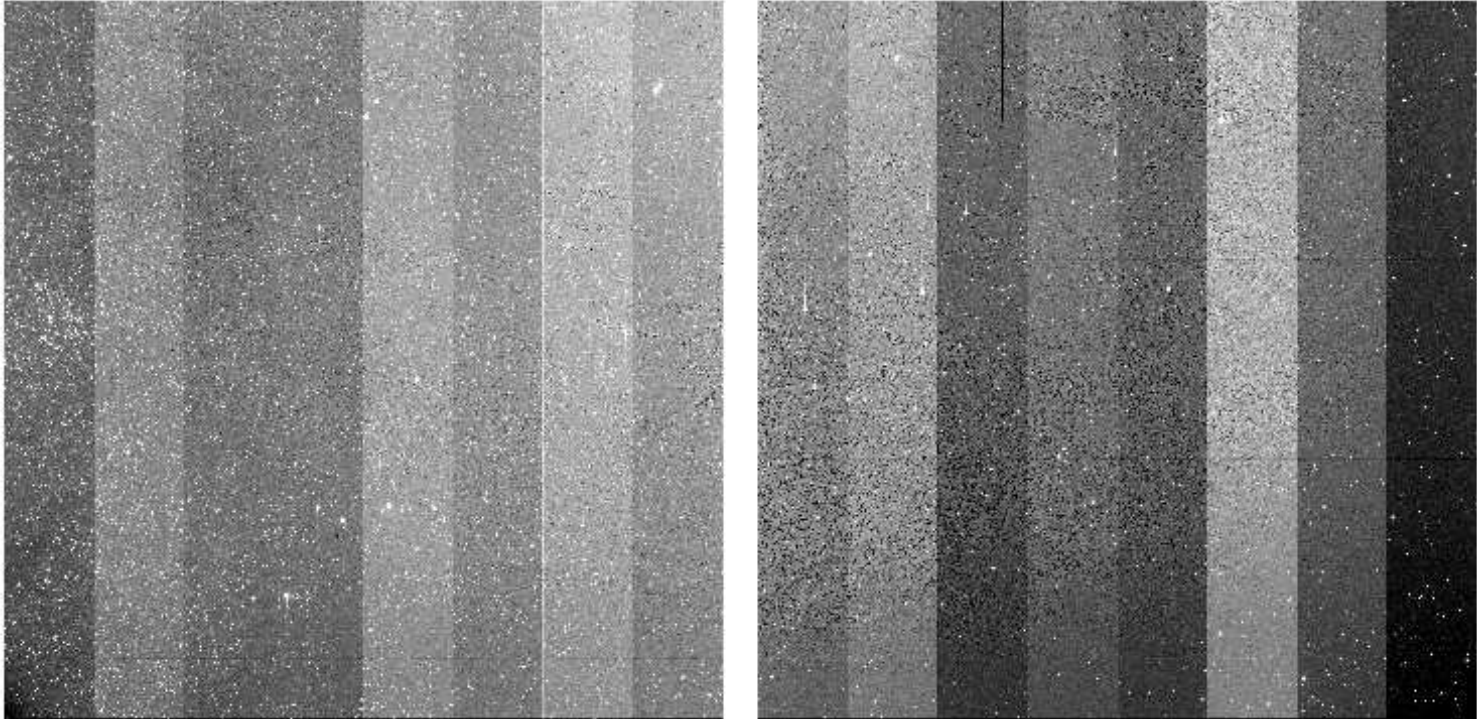
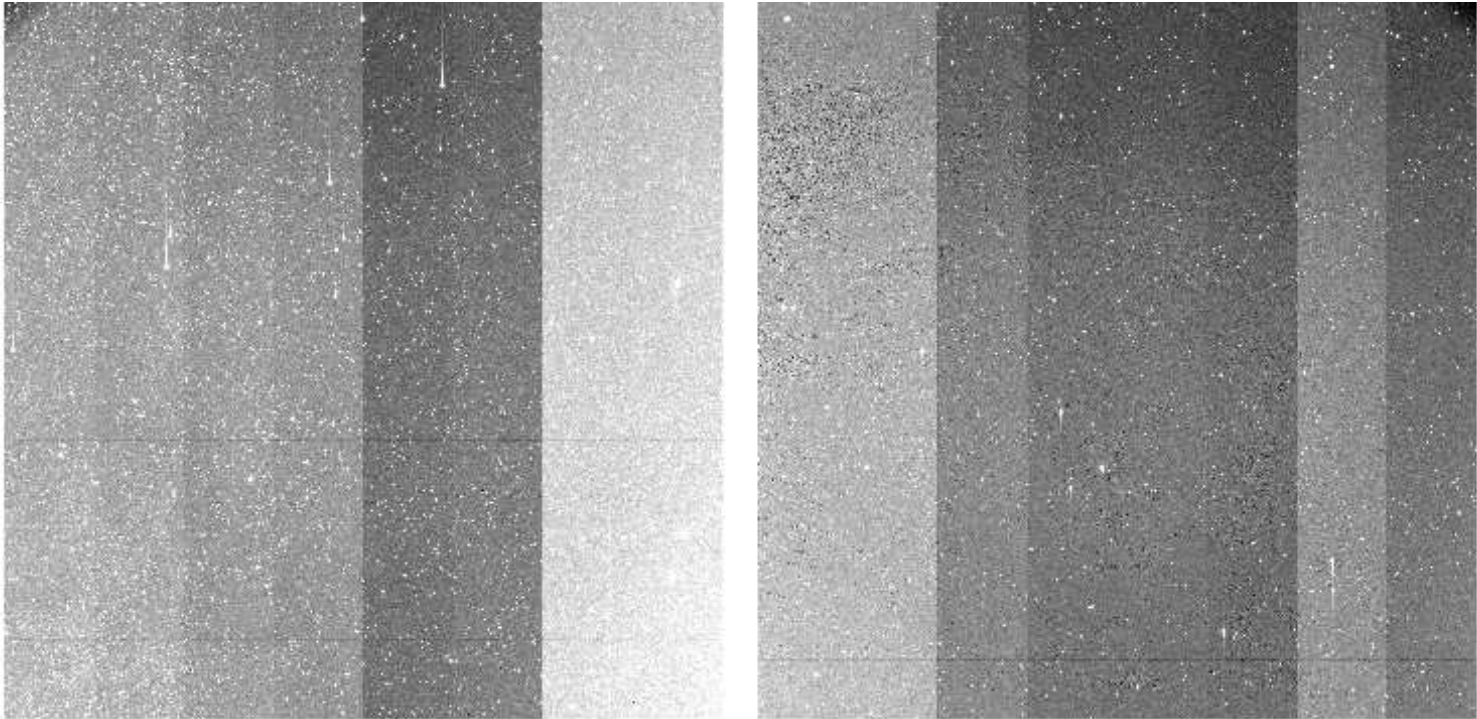
78.2

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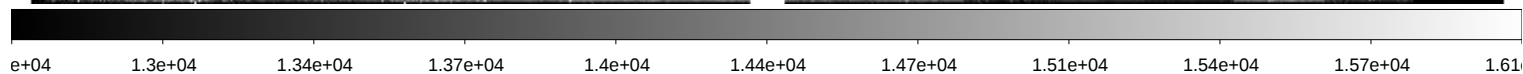
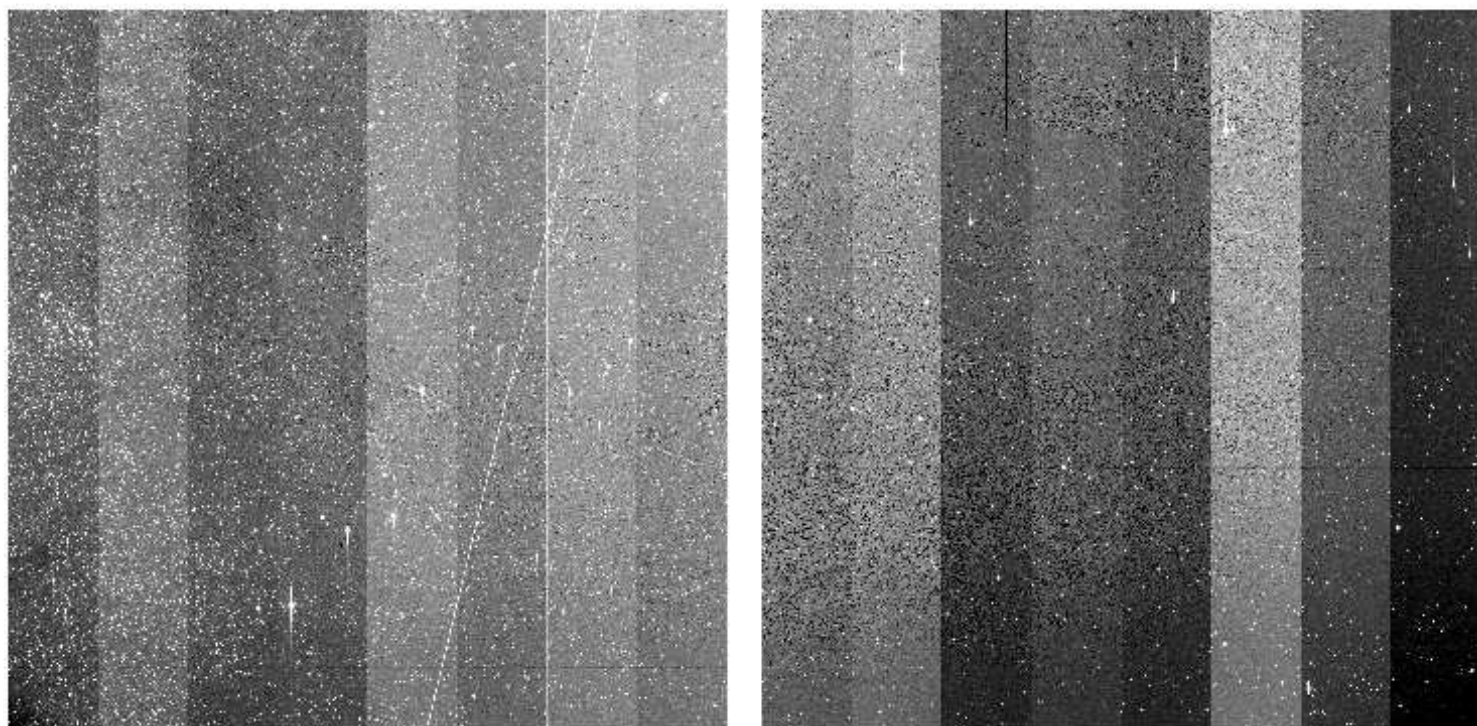
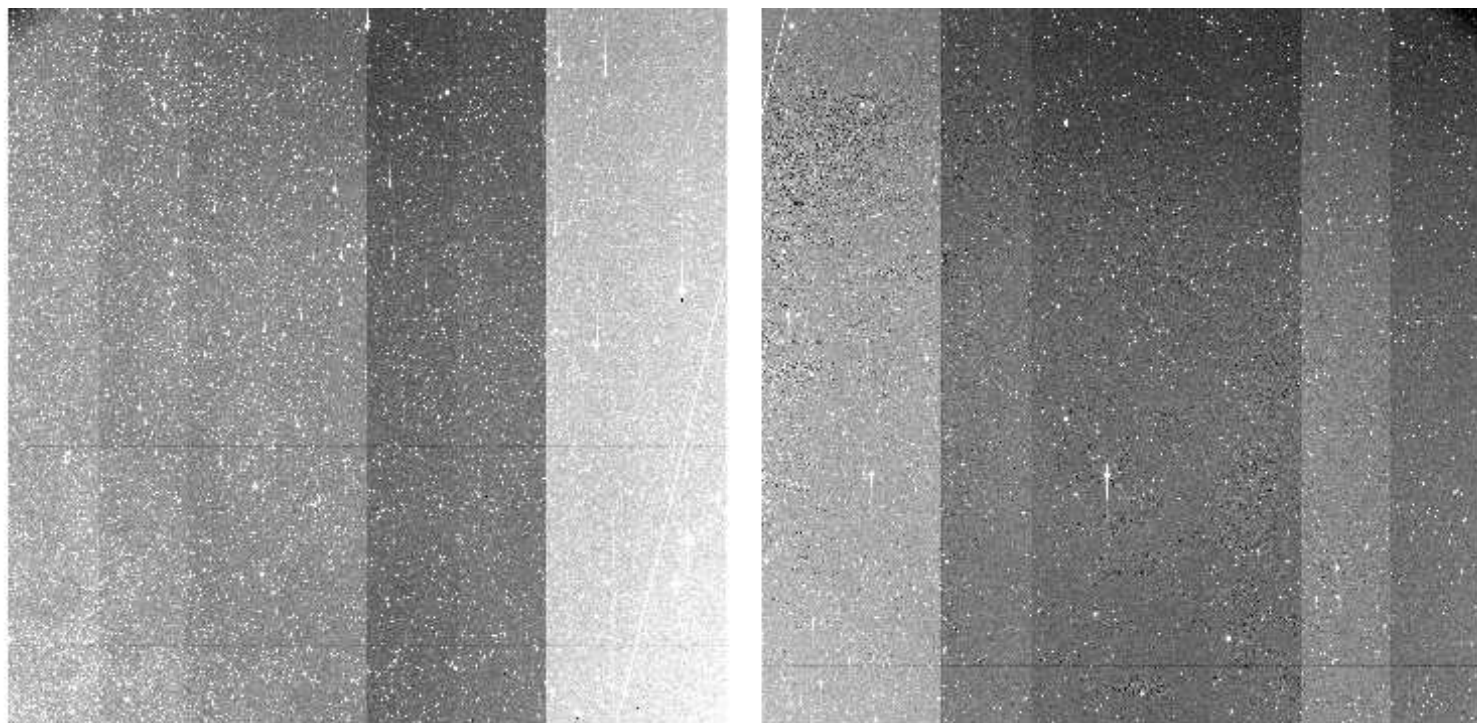
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0.6



File Name	:	kmta.20260725.030031.fits	# 24 / 80 #
Project ID	:	BLG	
Image Type	:	OBJECT	
Object Name	:	BLG52	
RA	:	17:46:18.990	
DEC	:	-29:42:59.10	
Exposure Time	:	60	ALT
Airmass	:	1.38	AZ
Sidereal Time	:	14:27:00	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-07-25T08:16:40	Weather
CCD Temperature	:	-273.15	Moon Effect



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030032.fits

BLG

OBJECT

BLG51

17:46:01.950

-29:01:59.80

60

1.37

14:28:58

I

2026-07-25T08:18:50

-273.15

25 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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46.9

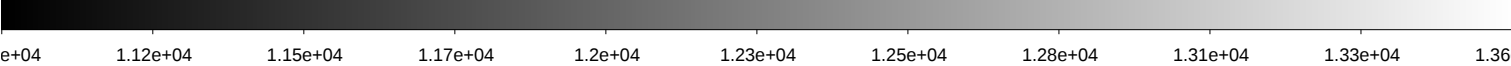
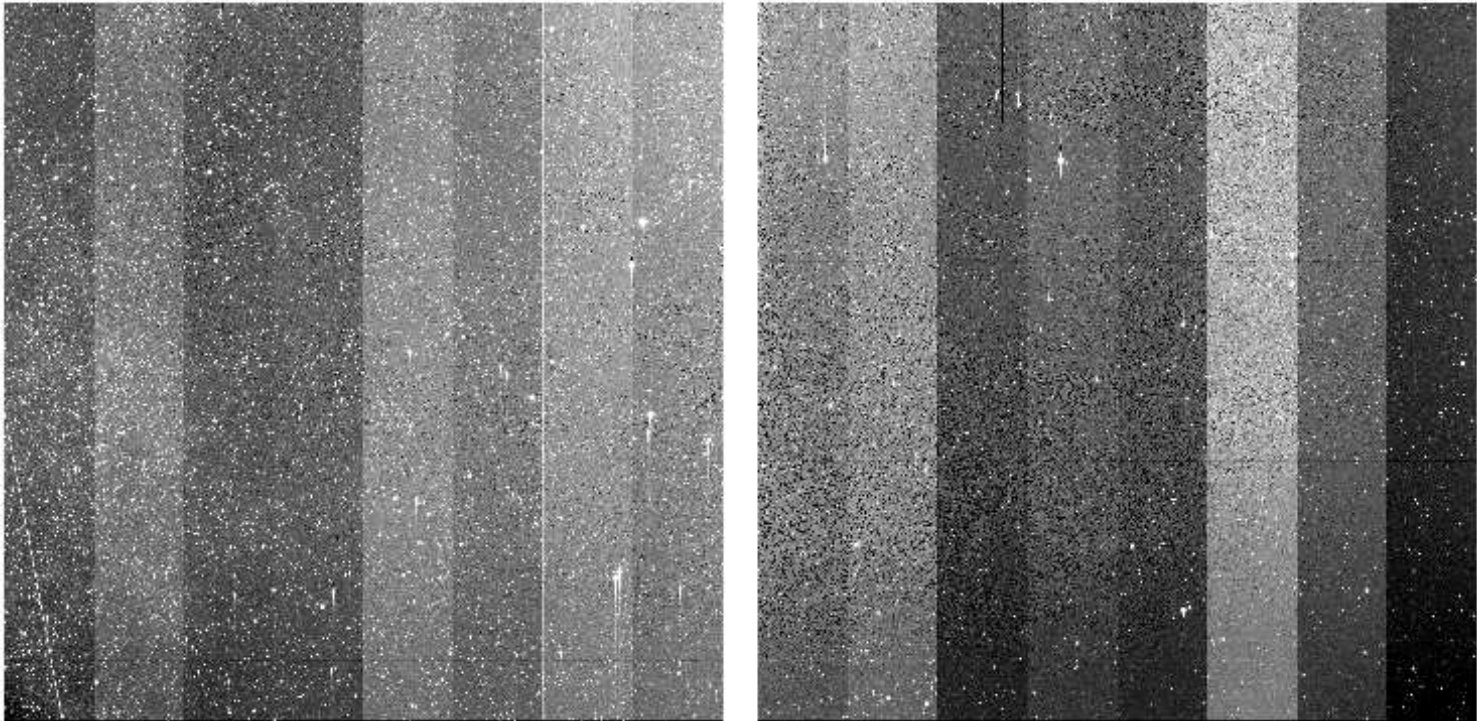
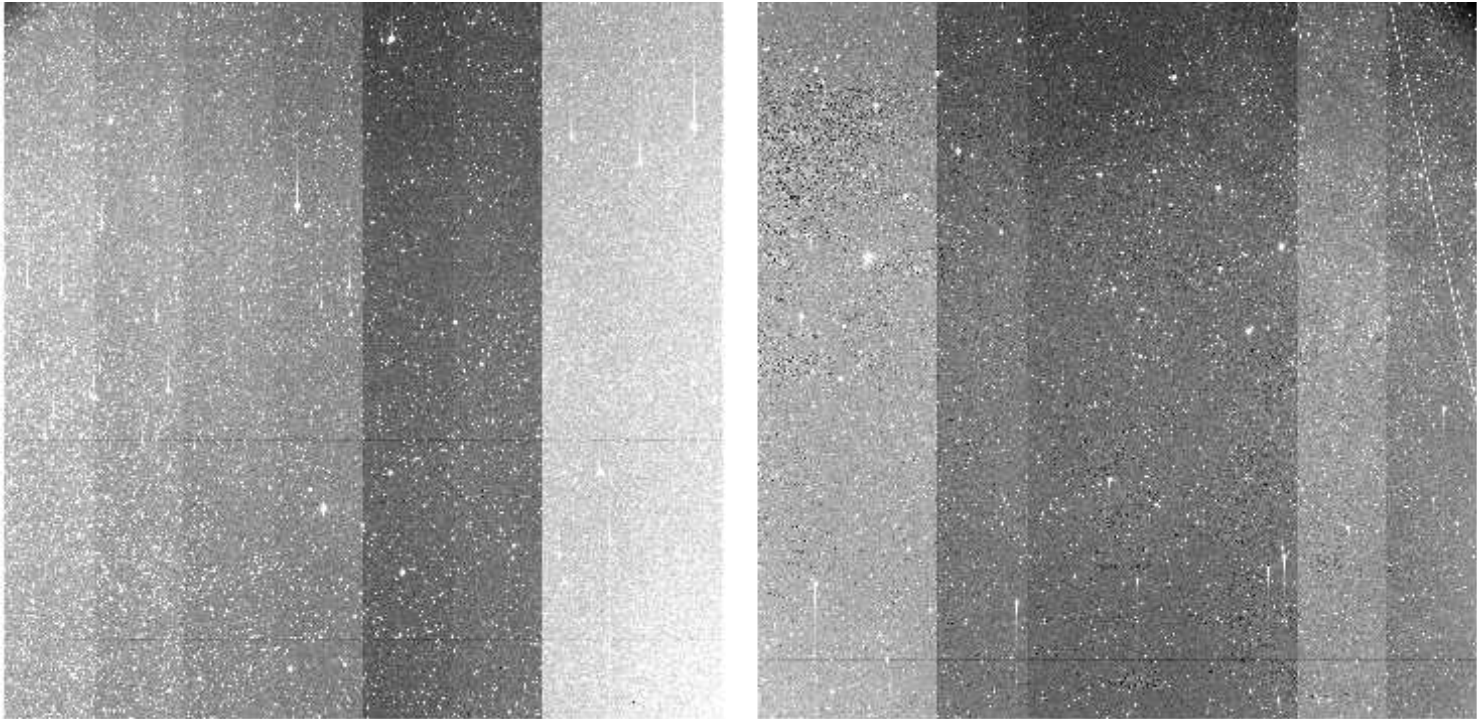
79.5

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0.6



File Name : **kmta.20260725.030033.fits** # 26 / 80 #

Project ID : BLG

Image Type : OBJECT

Object Name : **BLG01**

RA : 17:54:25.950

DEC : -31:08:29.90

Exposure Time : 60

Airmass : 1.39

Sidereal Time : 14:31:07

Filter ID : I

Observation Date : 2026-07-25T08:21:00

CCD Temperature : -273.15

ALT : 46.2

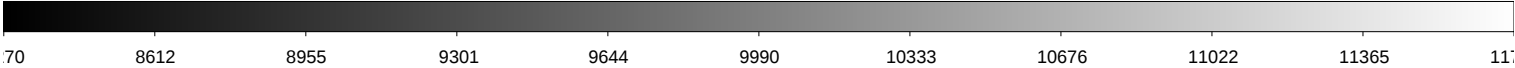
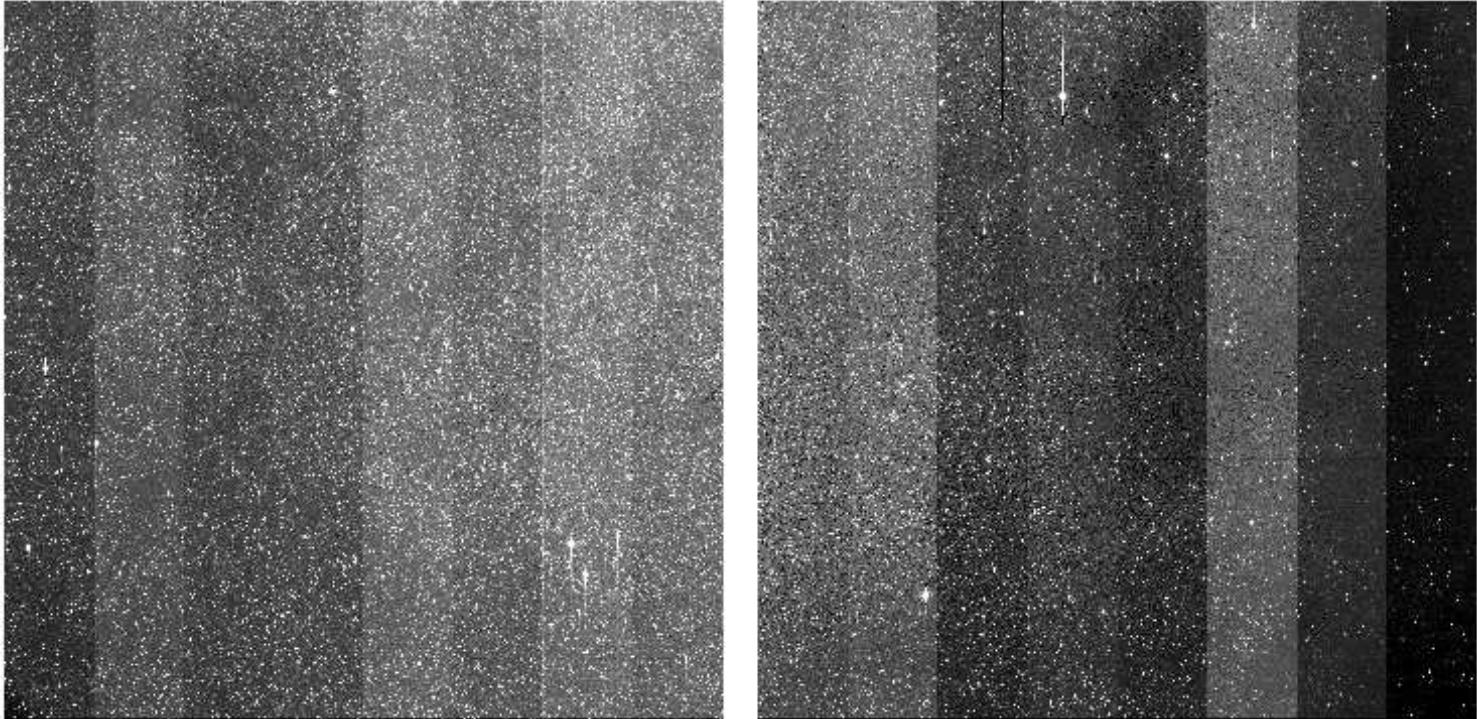
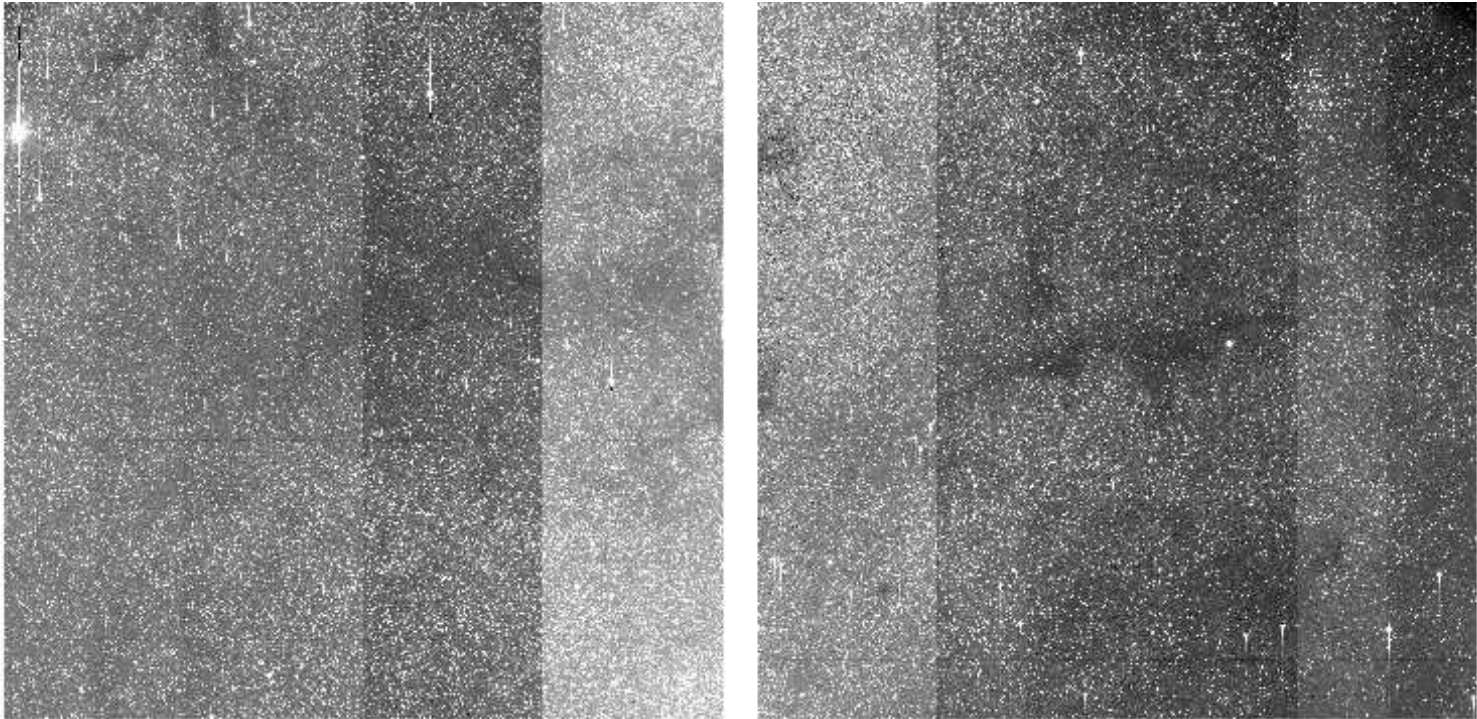
AZ : 76.0

Image Issue : —

CHIP : —

Weather : 3

Moon Effect : 0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmta.20260725.030034.fits

: BLG

: OBJECT

: BLG19

: 17:46:01.810

: -24:40:31.90

: 60

: 1.38

: 14:33:18

: I

: 2026-07-25T08:23:11

: -273.15

27 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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46.5

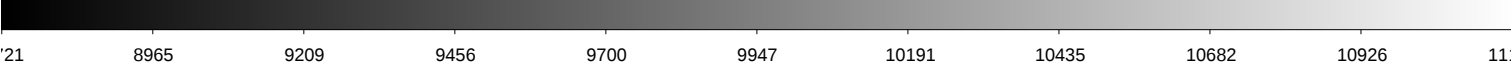
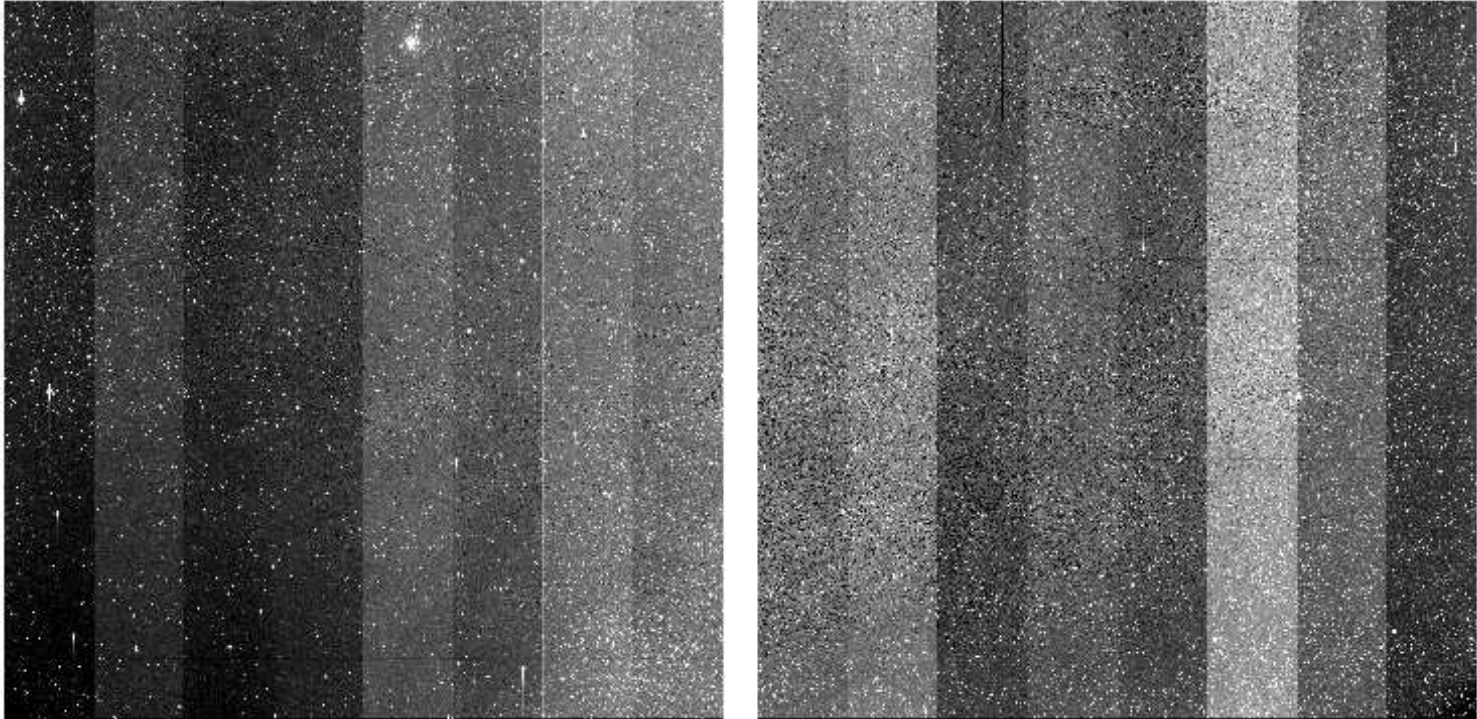
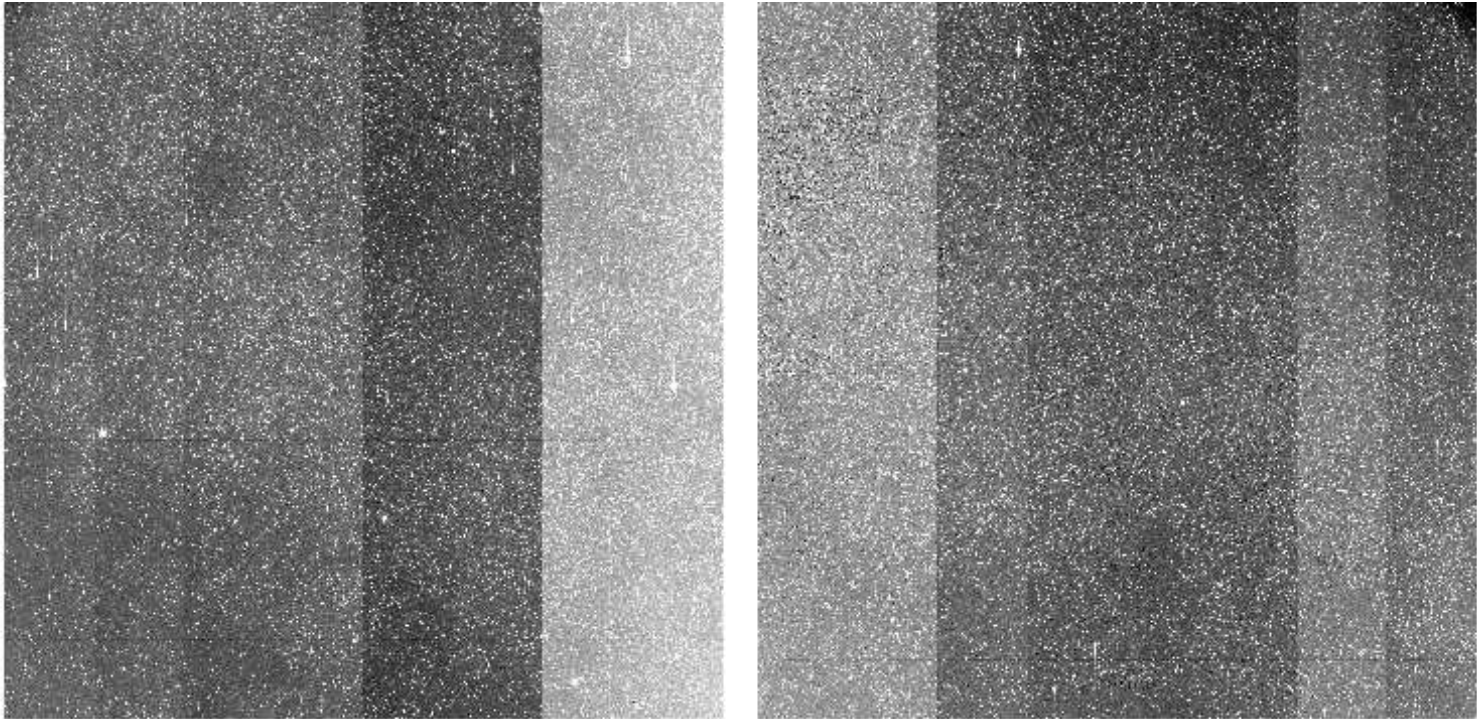
86.0

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0.6



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030035.fits

BLG

OBJECT

BLG42

17:54:08.960

-29:09:29.20

60

1.38

14:35:28

I

2026-07-25T08:25:20

-273.15

28 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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46.6

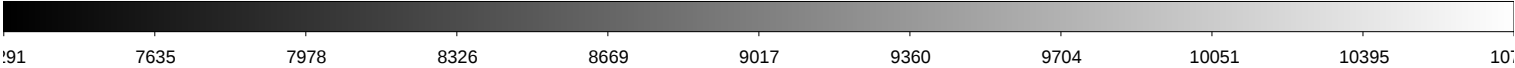
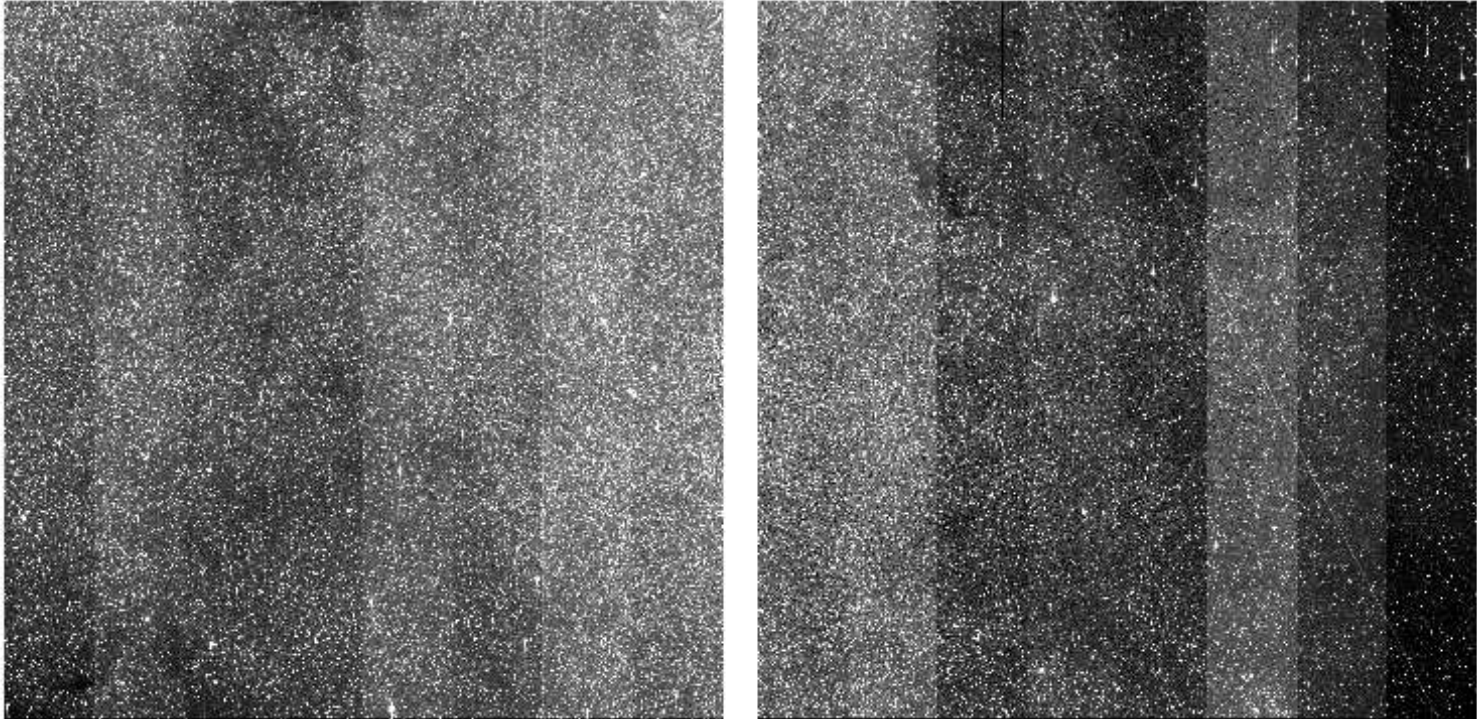
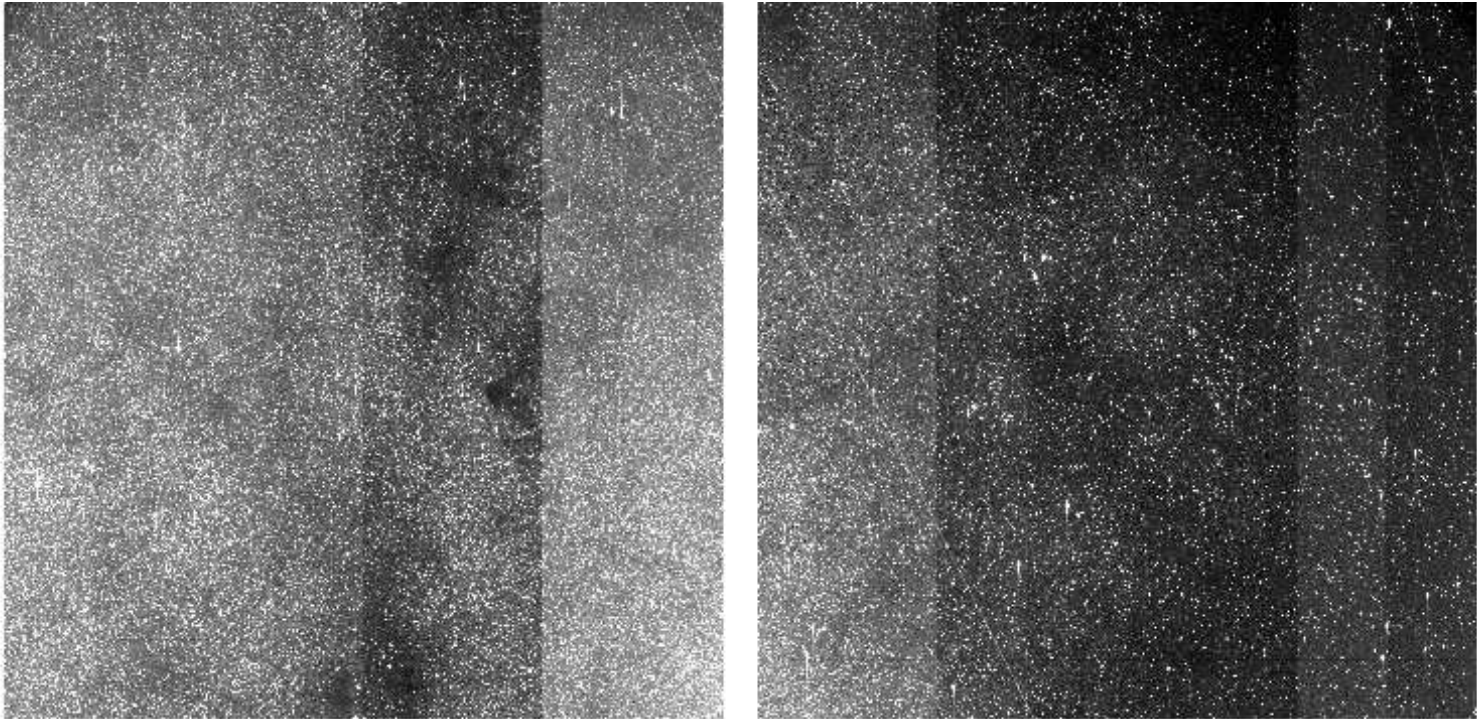
79.2

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0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030036.fits

BLG

OBJECT

BLG43

18:01:44.870

-28:04:30.20

60

1.41

14:37:38

I

2026-07-25T08:27:30

-273.15

29 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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45.2

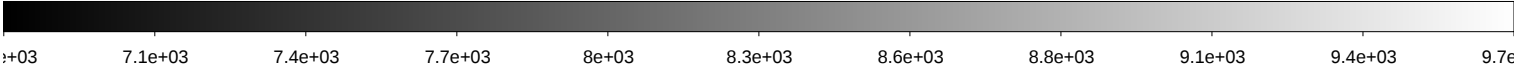
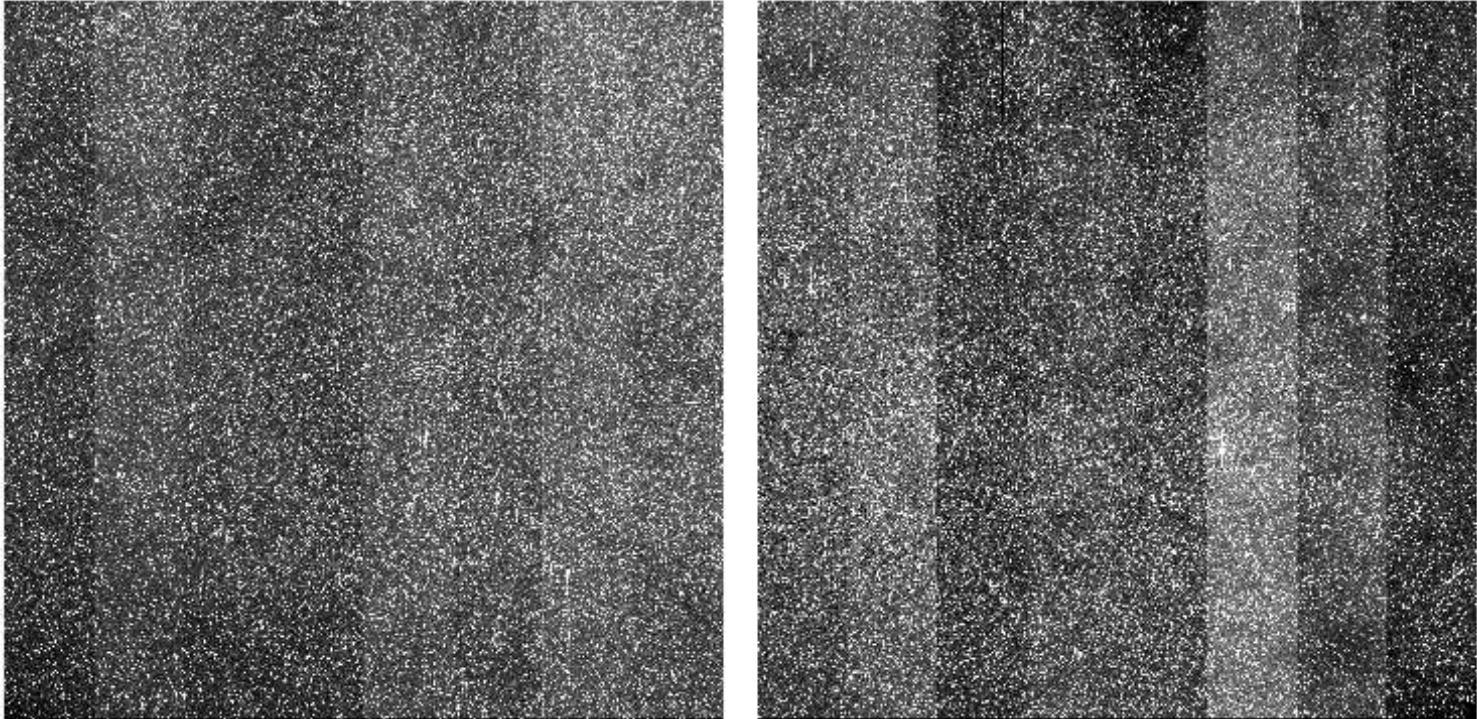
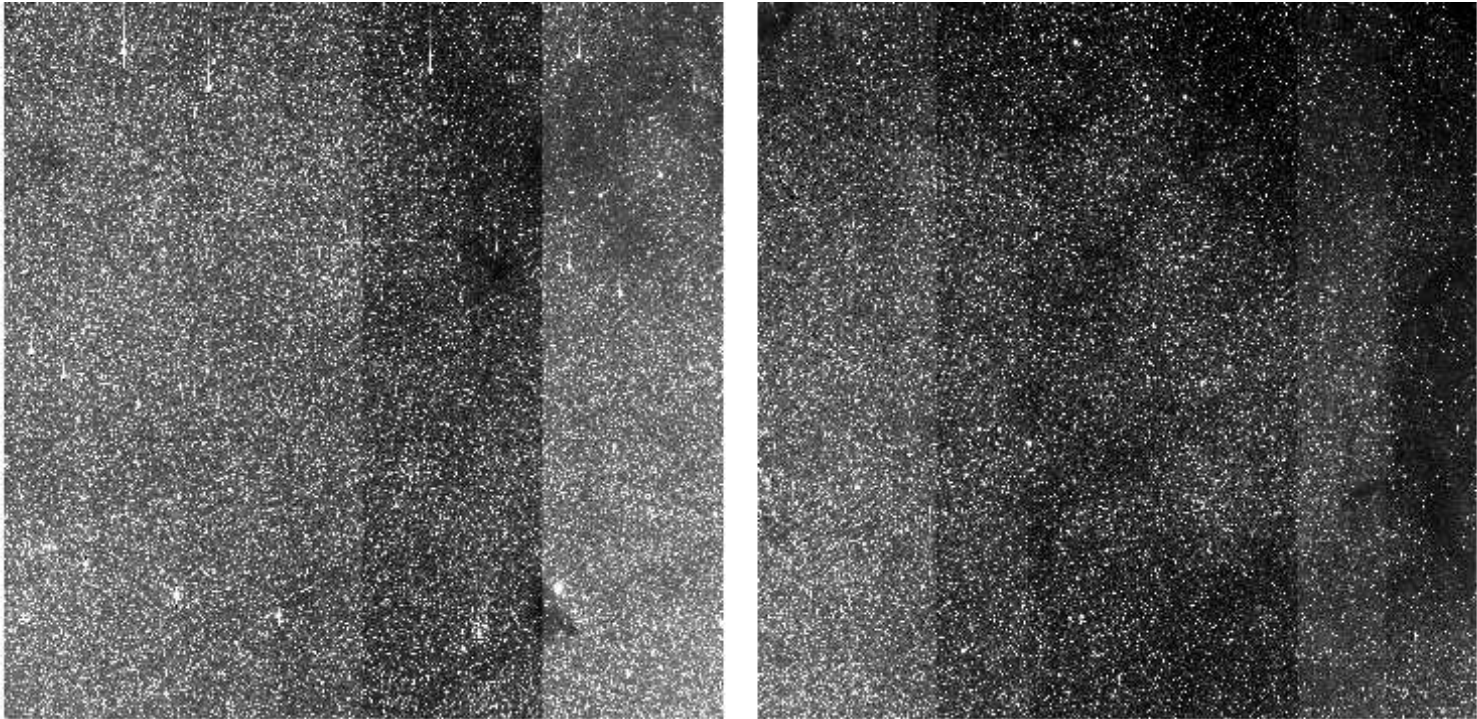
80.2

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0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030037.fits

BLG

OBJECT

BLG37

17:44:34.040

-35:22:32.10

60

1.29

14:39:50

I

2026-07-25T08:29:41

-273.15

30 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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50.8

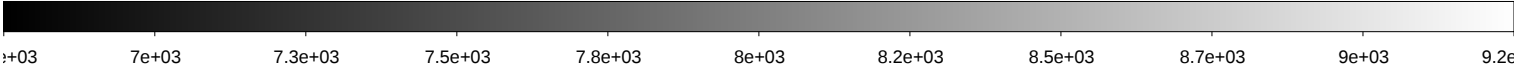
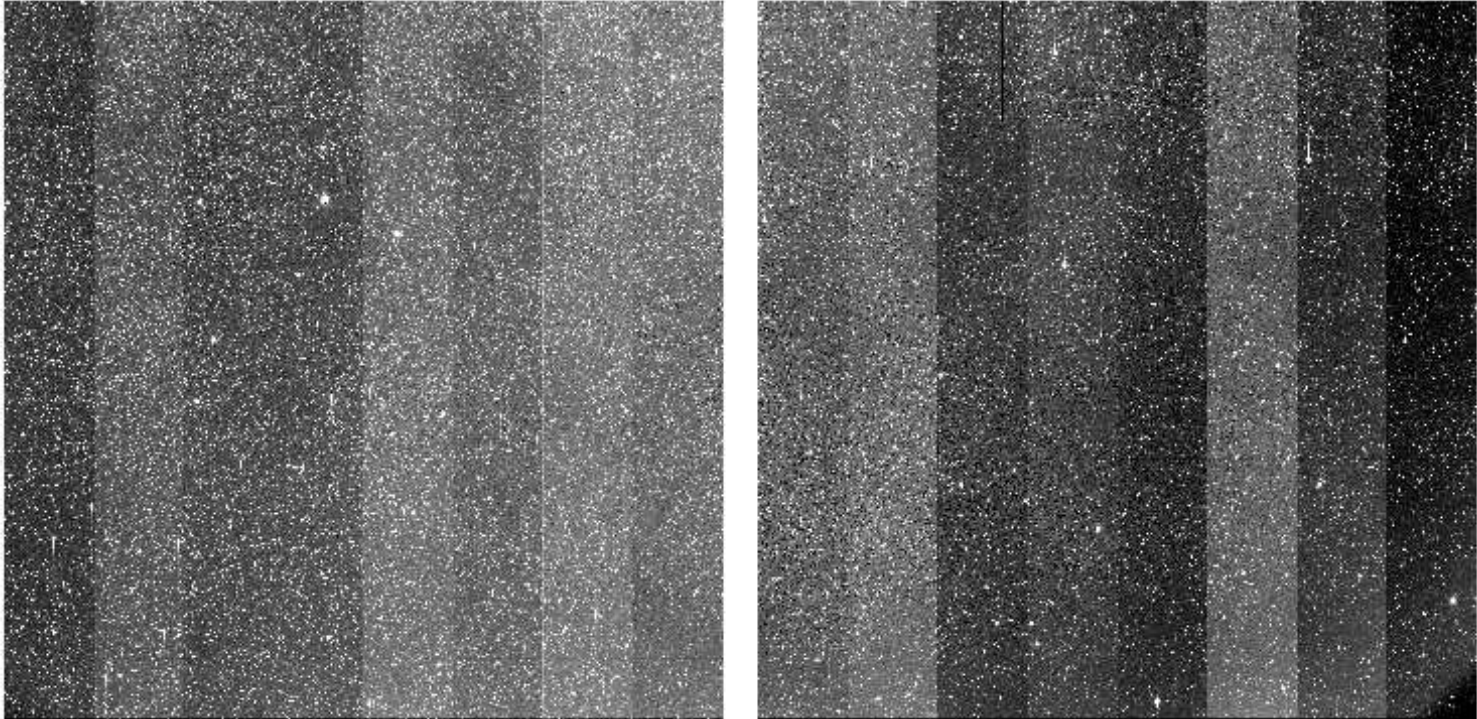
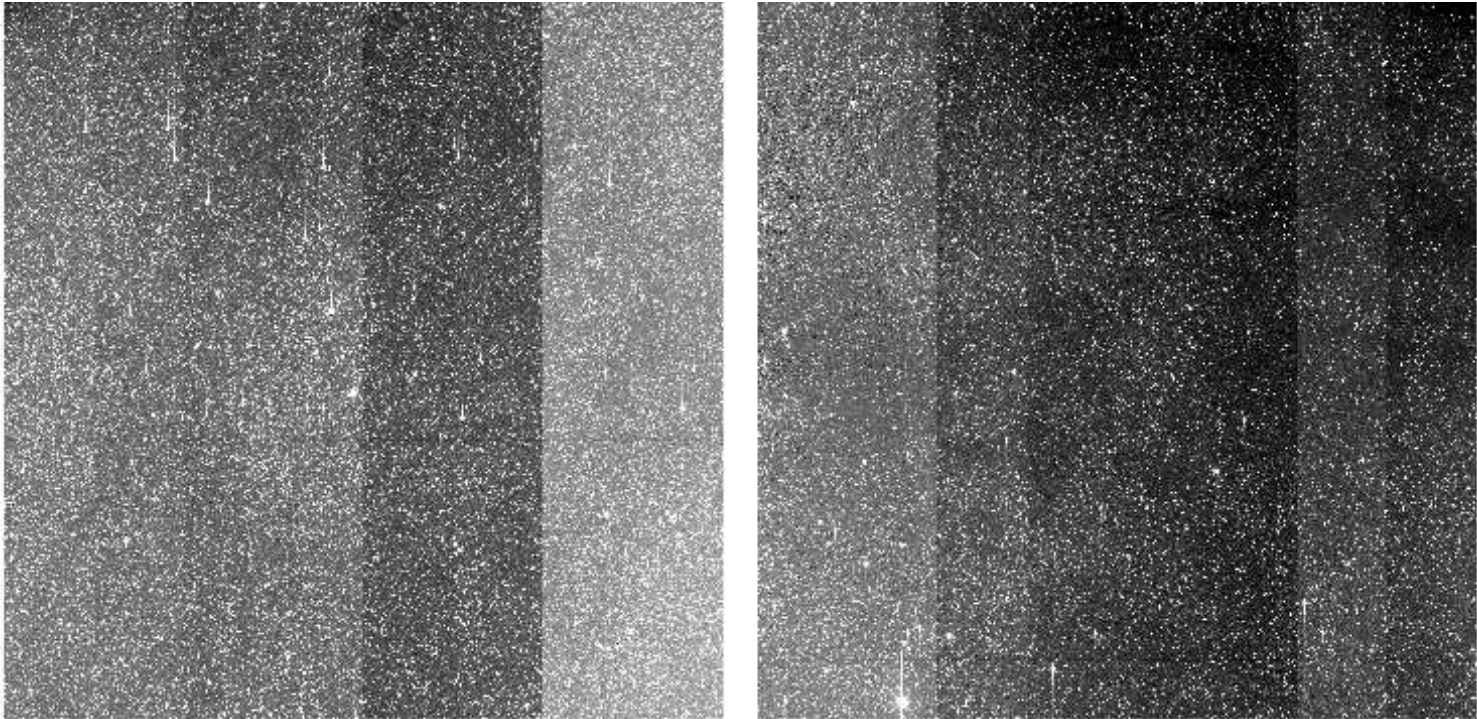
70.9

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0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030038.fits

BLG

OBJECT

BLG38

17:55:01.800

-22:33:01.60

60

1.40

14:42:00

I

2026-07-25T08:31:51

-273.15

31 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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45.7

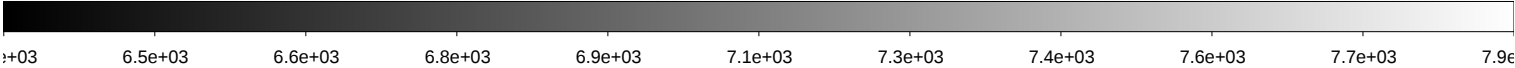
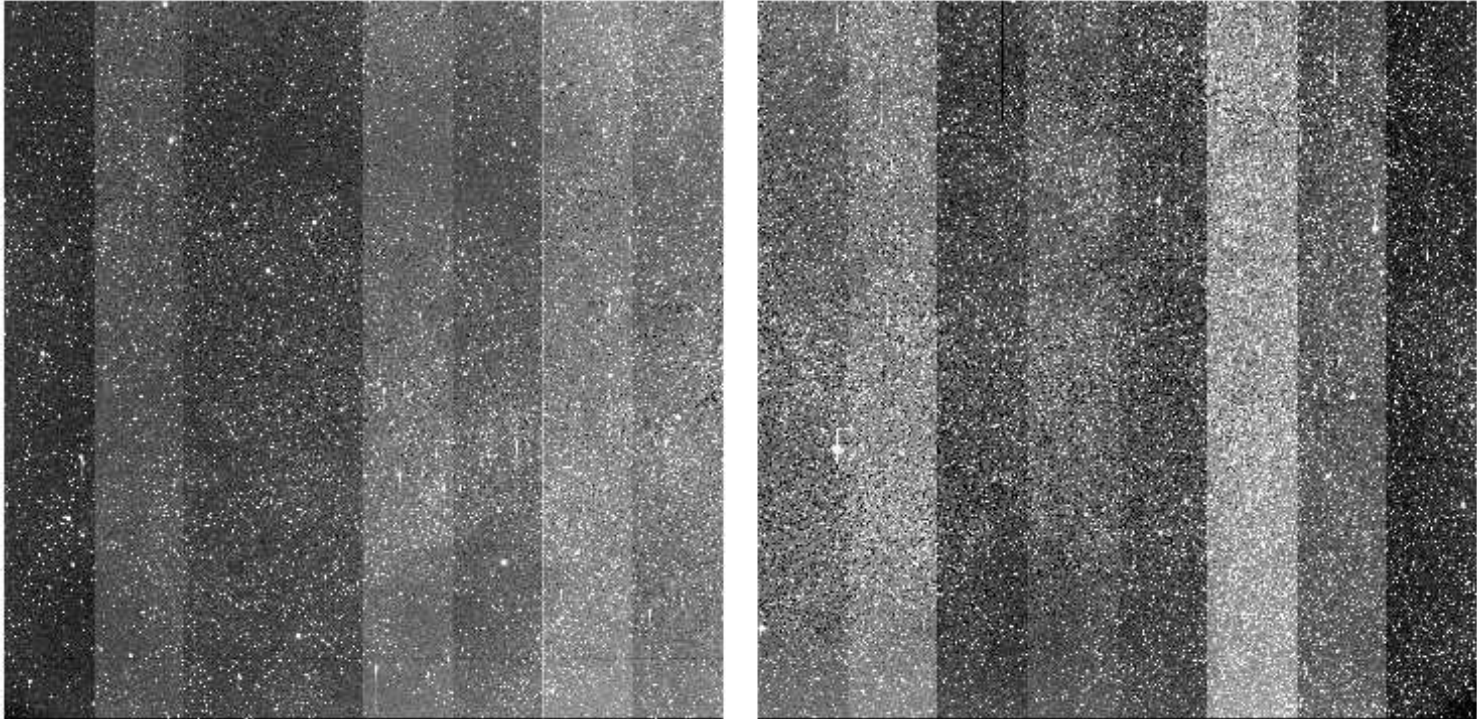
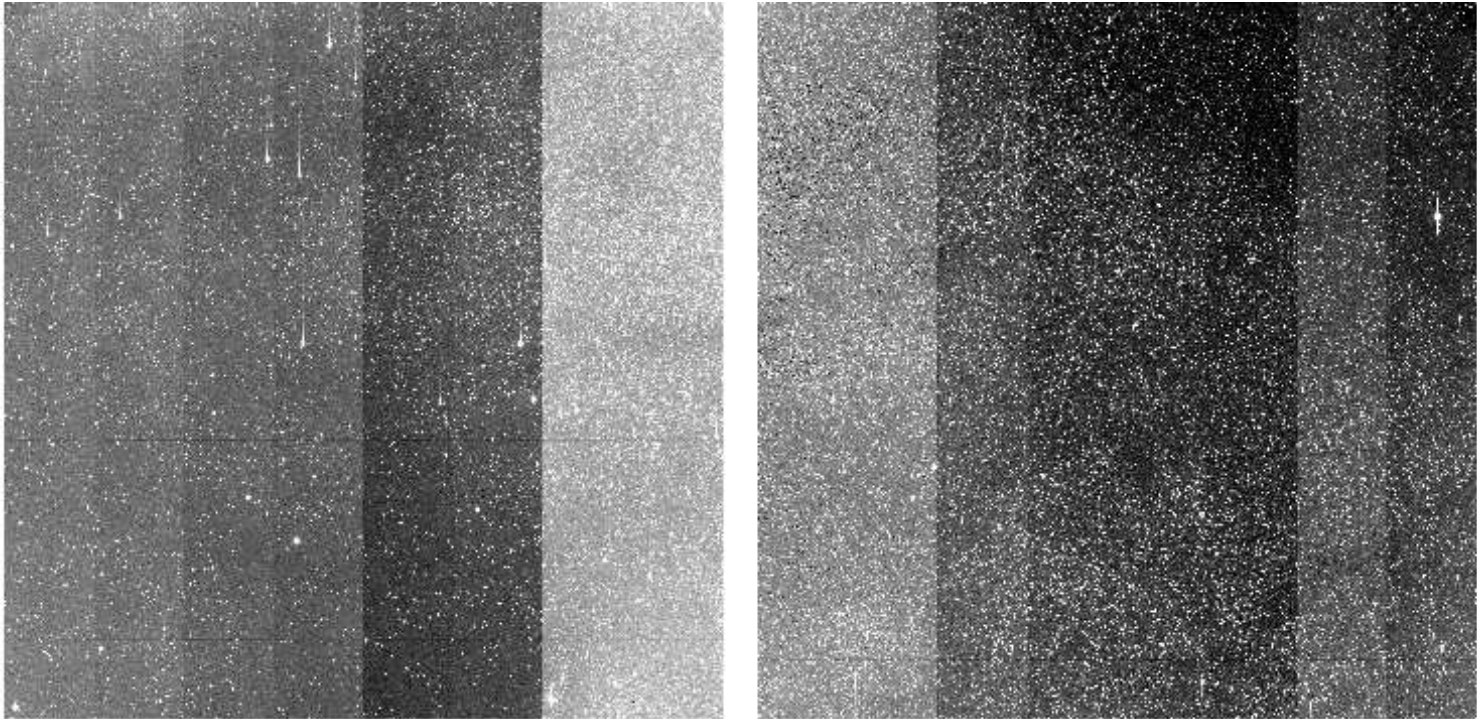
88.8

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3

0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030039.fits

BLG

OBJECT

BLG02

17:54:25.860

-29:02:02.80

60

1.34

14:44:09

I

2026-07-25T08:33:59

-273.15

32 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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48.4

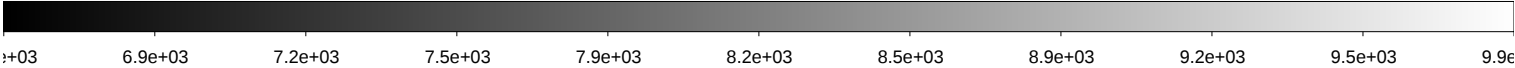
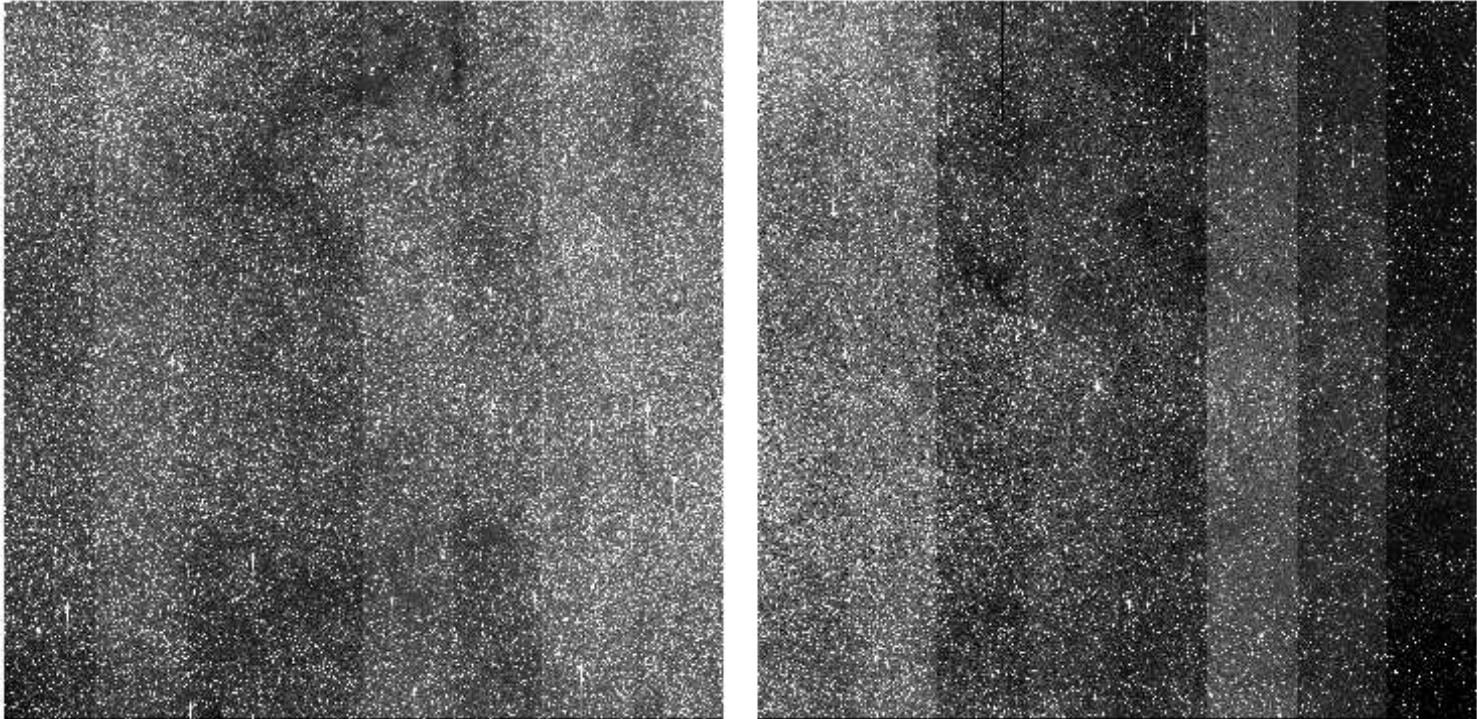
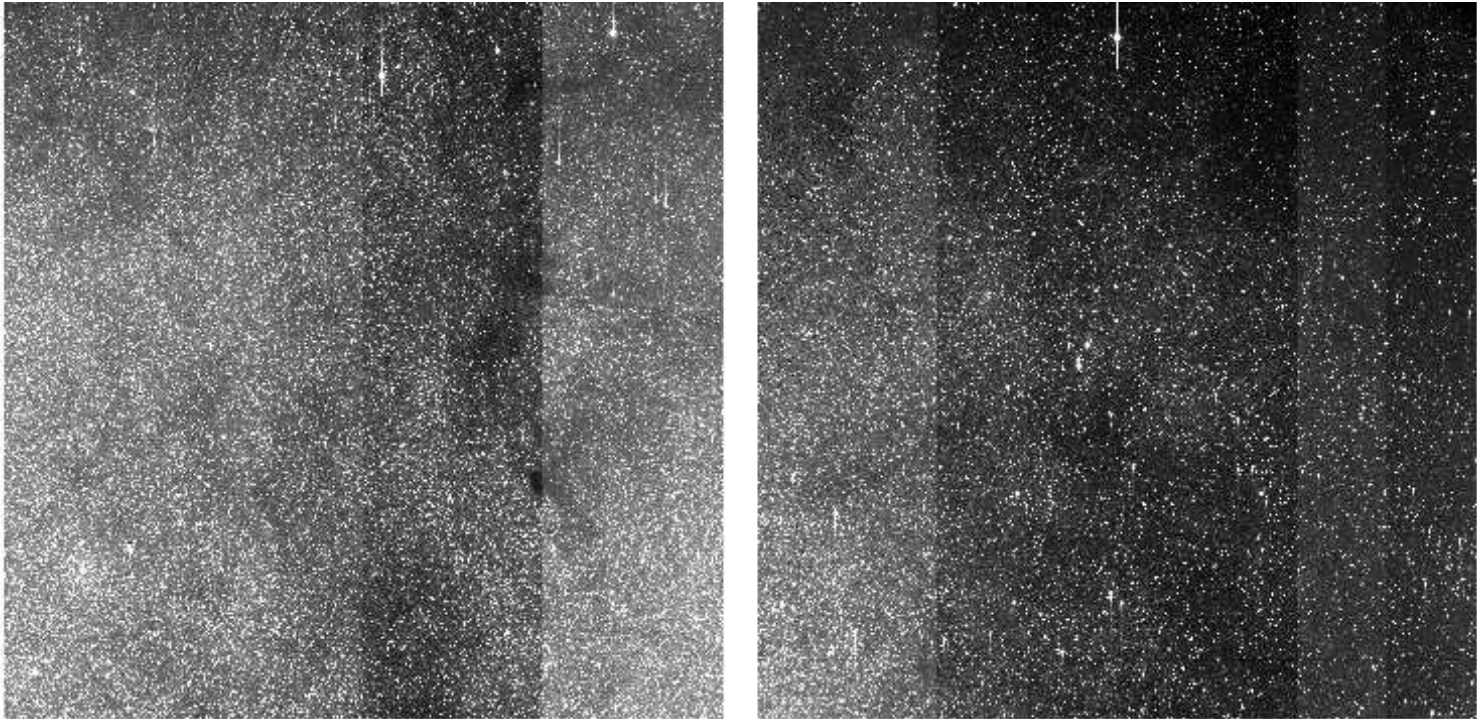
80.1

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0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmta.20260725.030040.fits

: BLG

: OBJECT

: BLG03

: 18:02:01.910

: -27:57:00.40

: 60

: 1.37

: 14:46:18

: I

: 2026-07-25T08:36:09

: -273.15

33 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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46.9

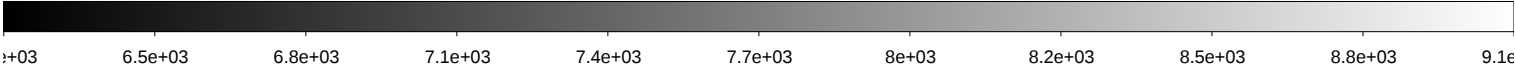
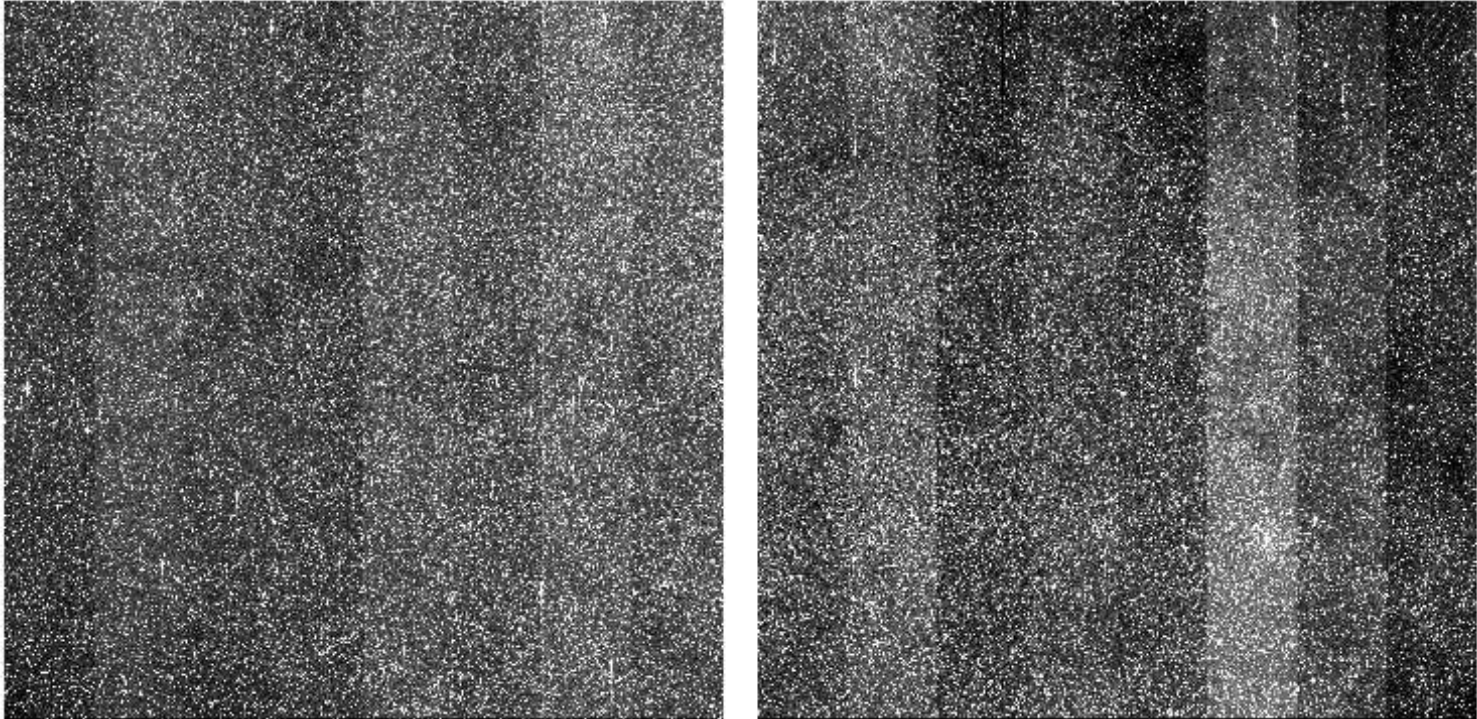
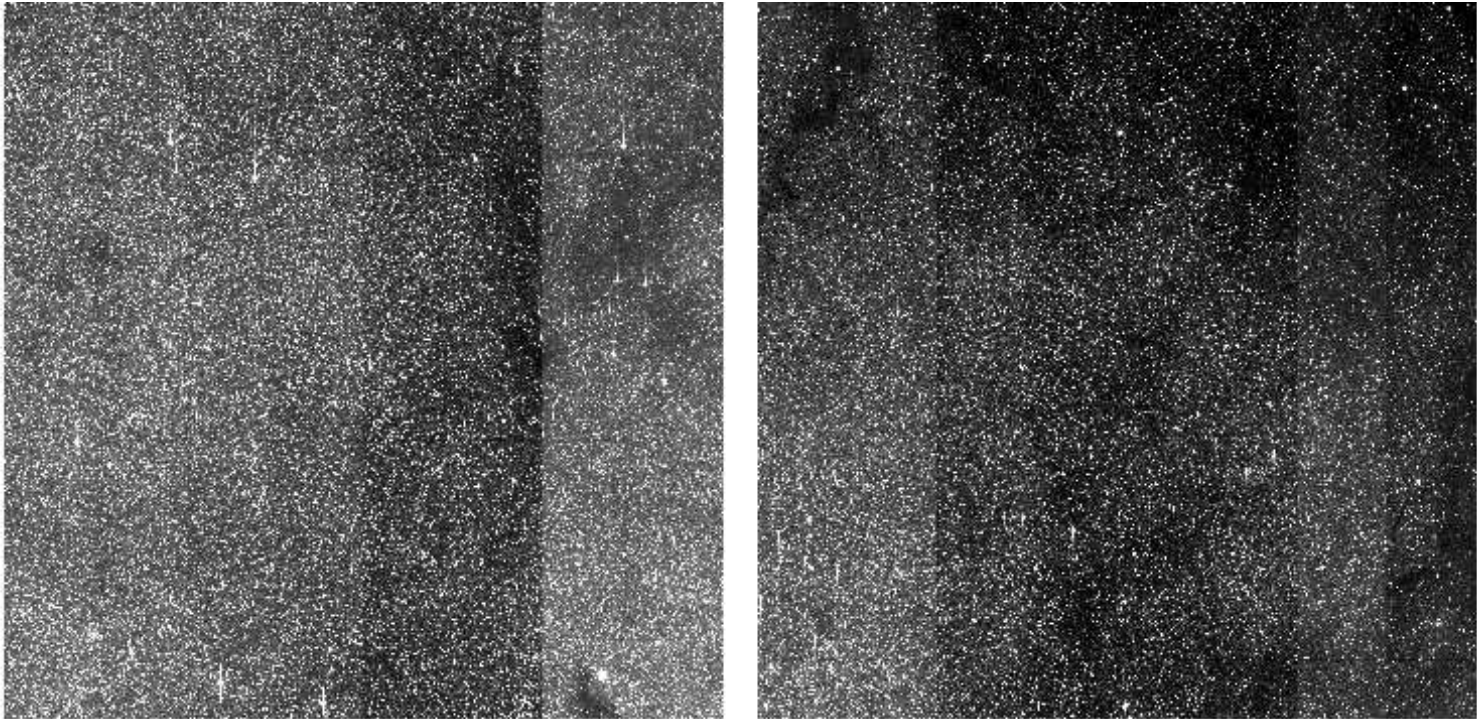
81.1

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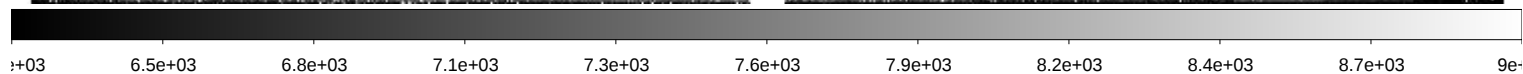
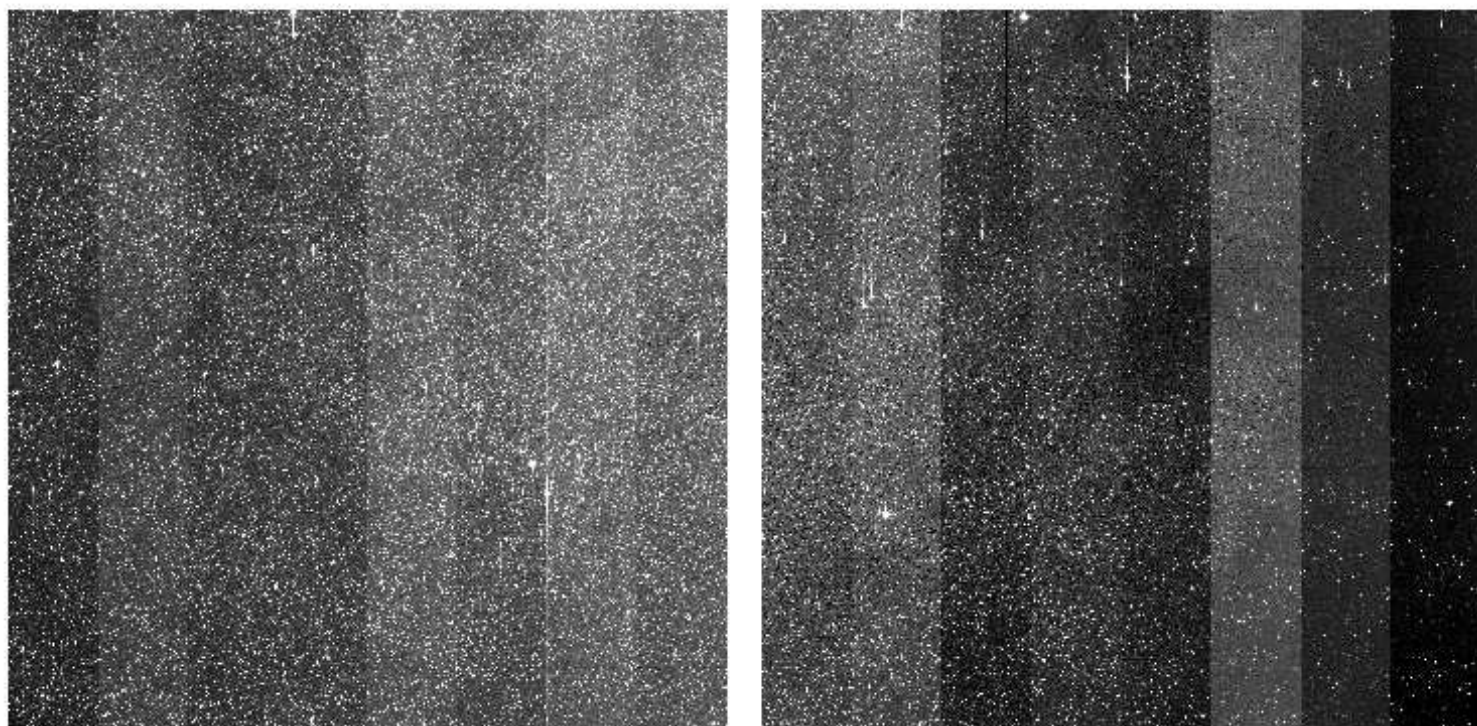
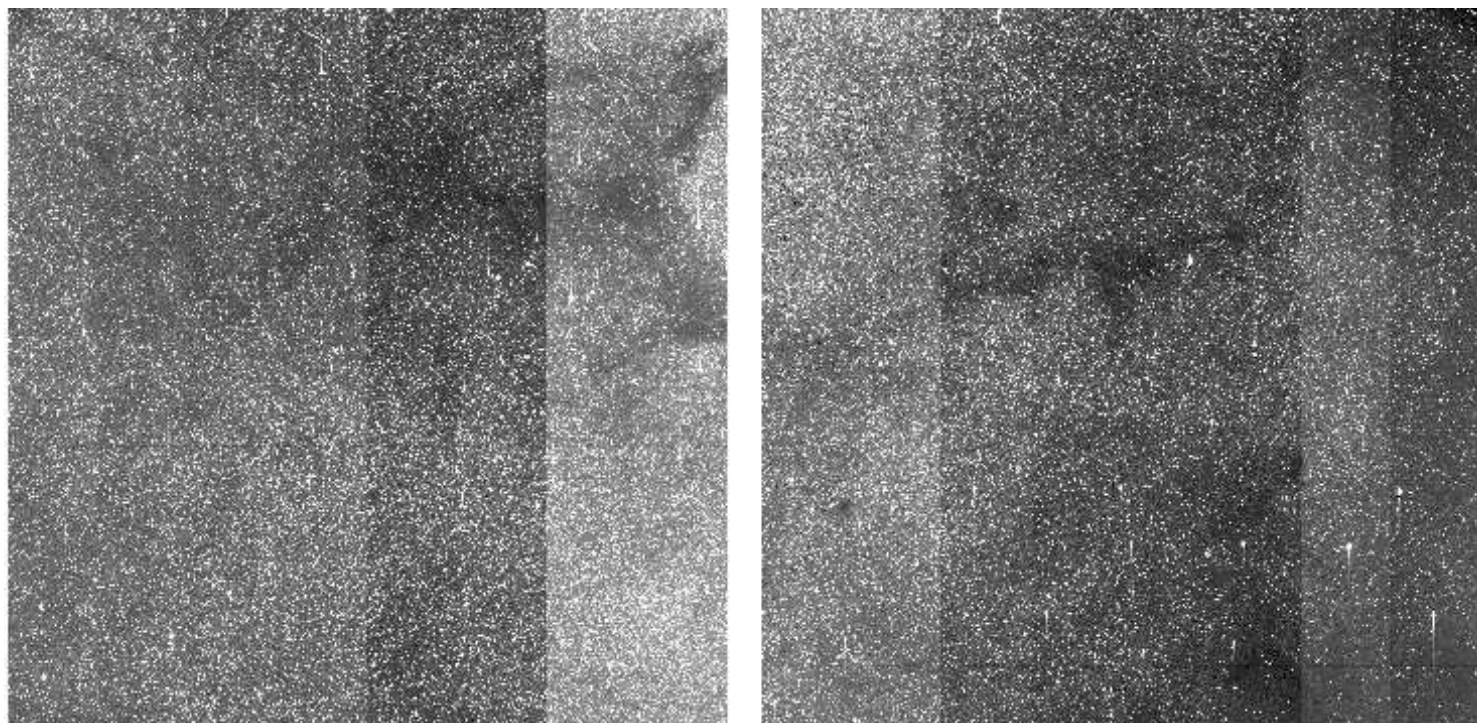
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0.4



File Name	:	km.ta.20260725.030041.fits	# 34 / 80 #
Project ID	:	BLG	
Image Type	:	OBJECT	
Object Name	:	BLG41	
RA	:	17:54:08.930	
DEC	:	-31:16:02.60	
Exposure Time	:	60	ALT
Airmass	:	1.31	AZ
Sidereal Time	:	14:48:29	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-07-25T08:38:18	Weather
CCD Temperature	:	-273.15	Moon Effect

34 / 80



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmta.20260725.030042.fits

: BLG

: OBJECT

: BLG20

: 17:46:02.000

: -22:32:58.20

: 60

: 1.32

: 14:50:37

: I

: 2026-07-25T08:40:27

: -273.15

35 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 49.5

: 91.1

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: 0.5

Two side-by-side astronomical images showing a dark field with numerous stars and a bright central source. The images are in grayscale and show a dense field of stars, with a prominent bright source in the center of the right-hand image.

Two side-by-side astronomical images showing a dark field with numerous stars and a bright central source. The images are in grayscale and show a dense field of stars, with a prominent bright source in the center of the right-hand image.

A horizontal color bar with a grayscale gradient, ranging from dark on the left to light on the right. The bar is labeled with numerical values in scientific notation: +03, 7.2e+03, 7.4e+03, 7.6e+03, 7.8e+03, 8e+03, 8.2e+03, 8.4e+03, 8.6e+03, 8.8e+03, and 9e+03.

File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030043.fits

BLG

OBJECT

BLG42

17:54:08.980

-29:09:30.70

60

1.30

14:52:46

I

2026-07-25T08:42:35

-273.15

36 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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50.3

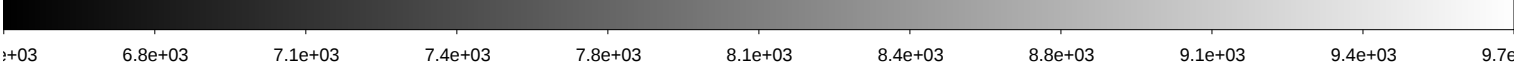
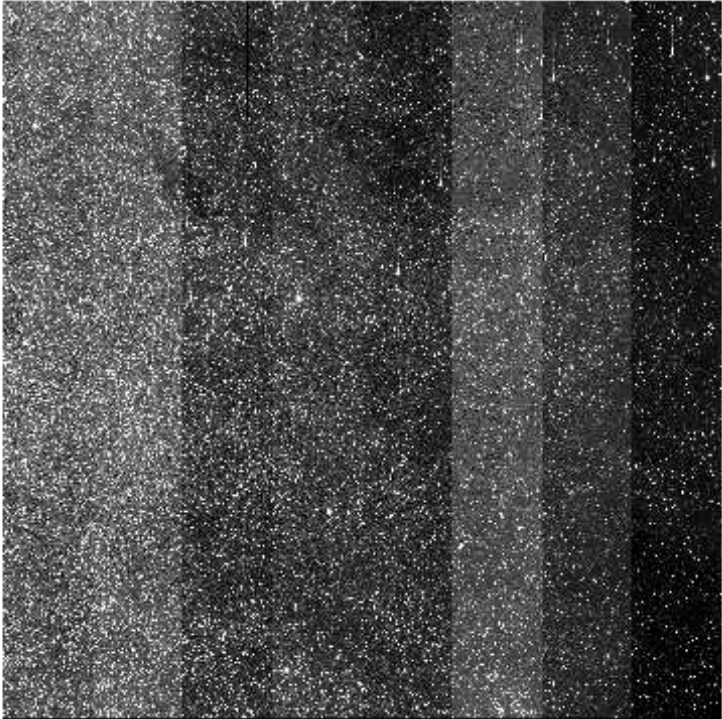
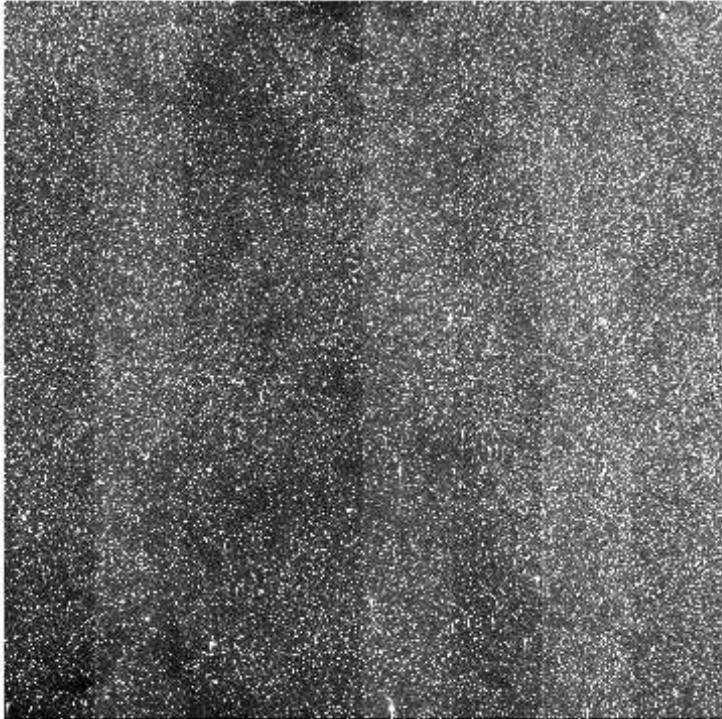
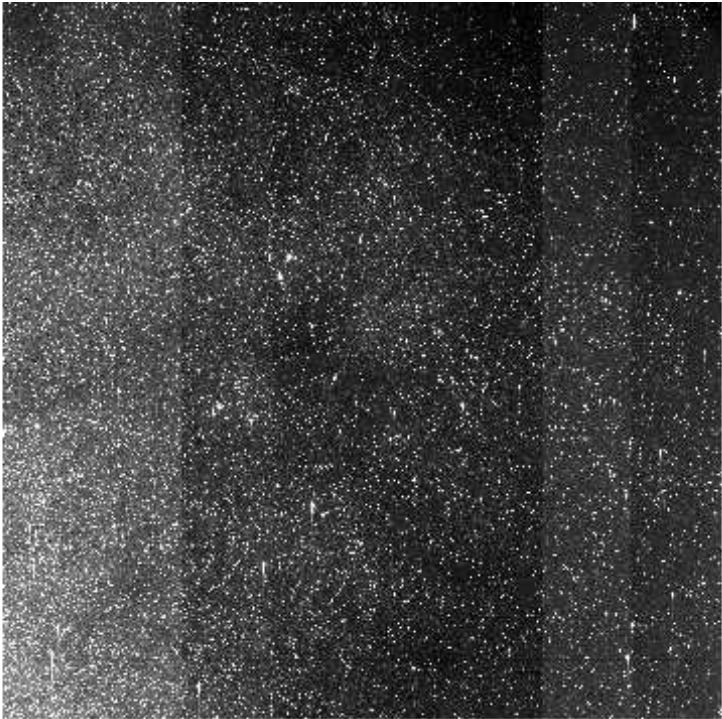
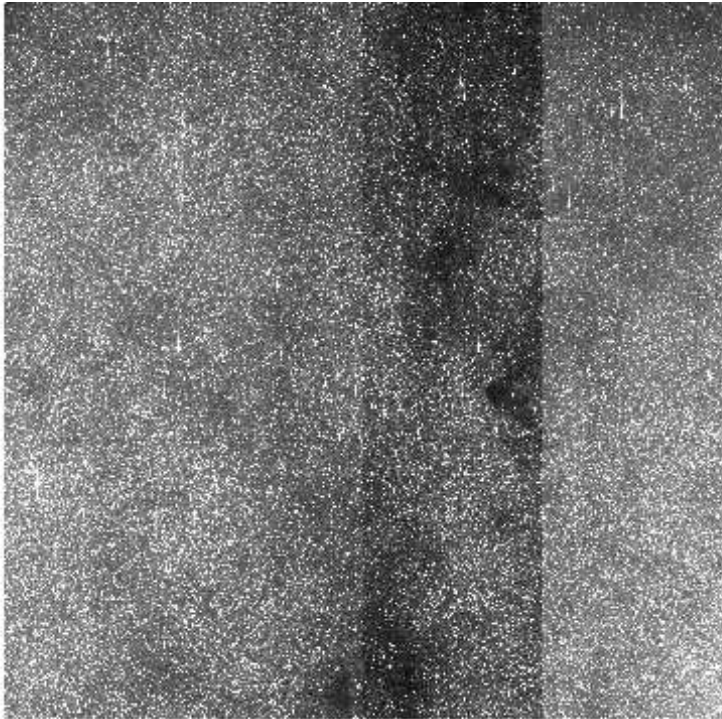
80.7

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0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030044.fits

BLG

OBJECT

BLG43

18:01:44.850

-28:04:33.10

60

1.33

14:54:55

I

2026-07-25T08:44:43

-273.15

37 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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48.8

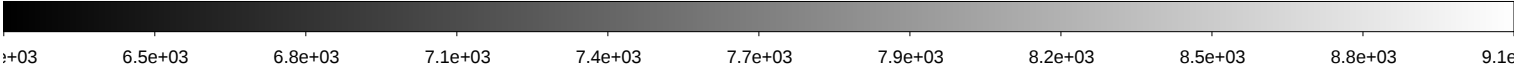
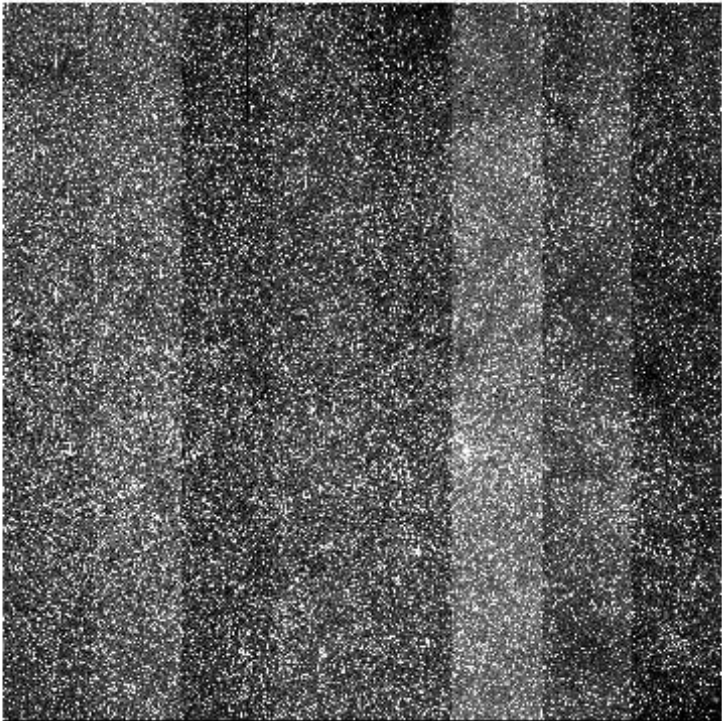
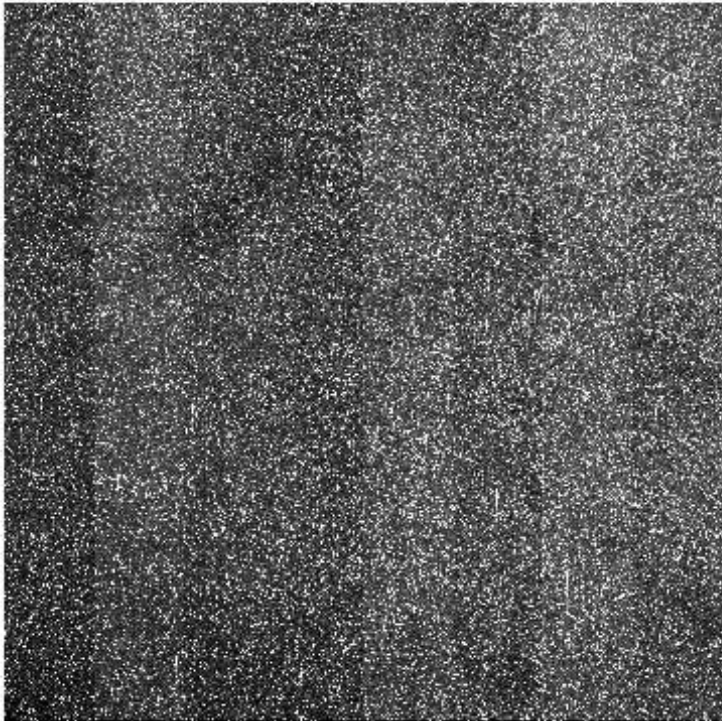
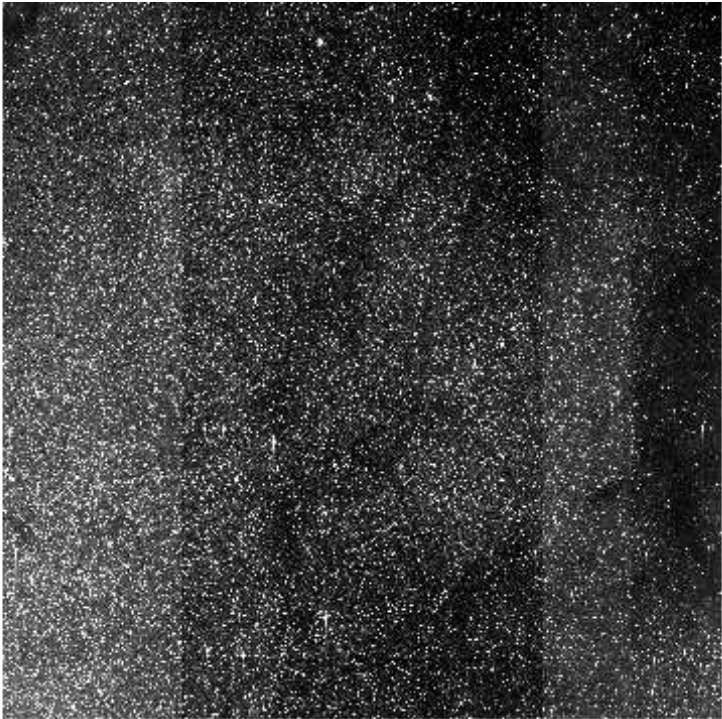
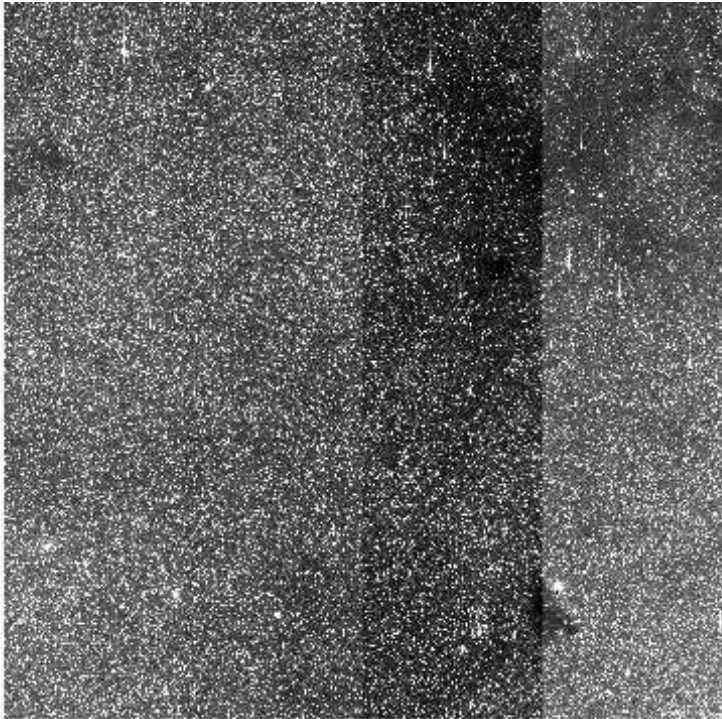
81.8

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0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030045.fits

BLG

OBJECT

BLG16

17:37:02.080

-24:40:26.00

60

1.24

14:57:04

I

2026-07-25T08:46:53

-273.15

38 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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53.5

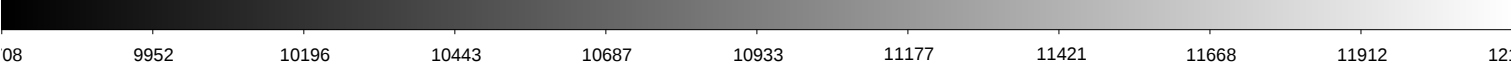
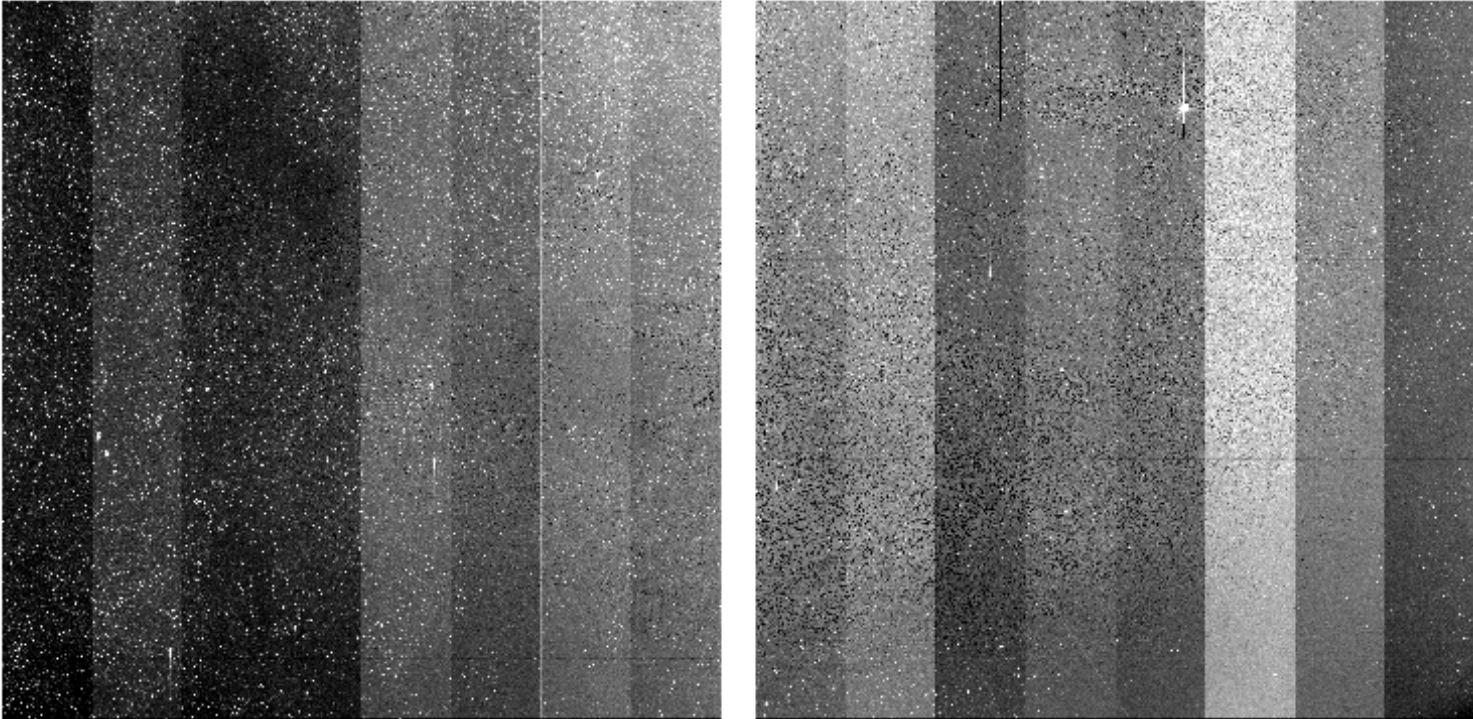
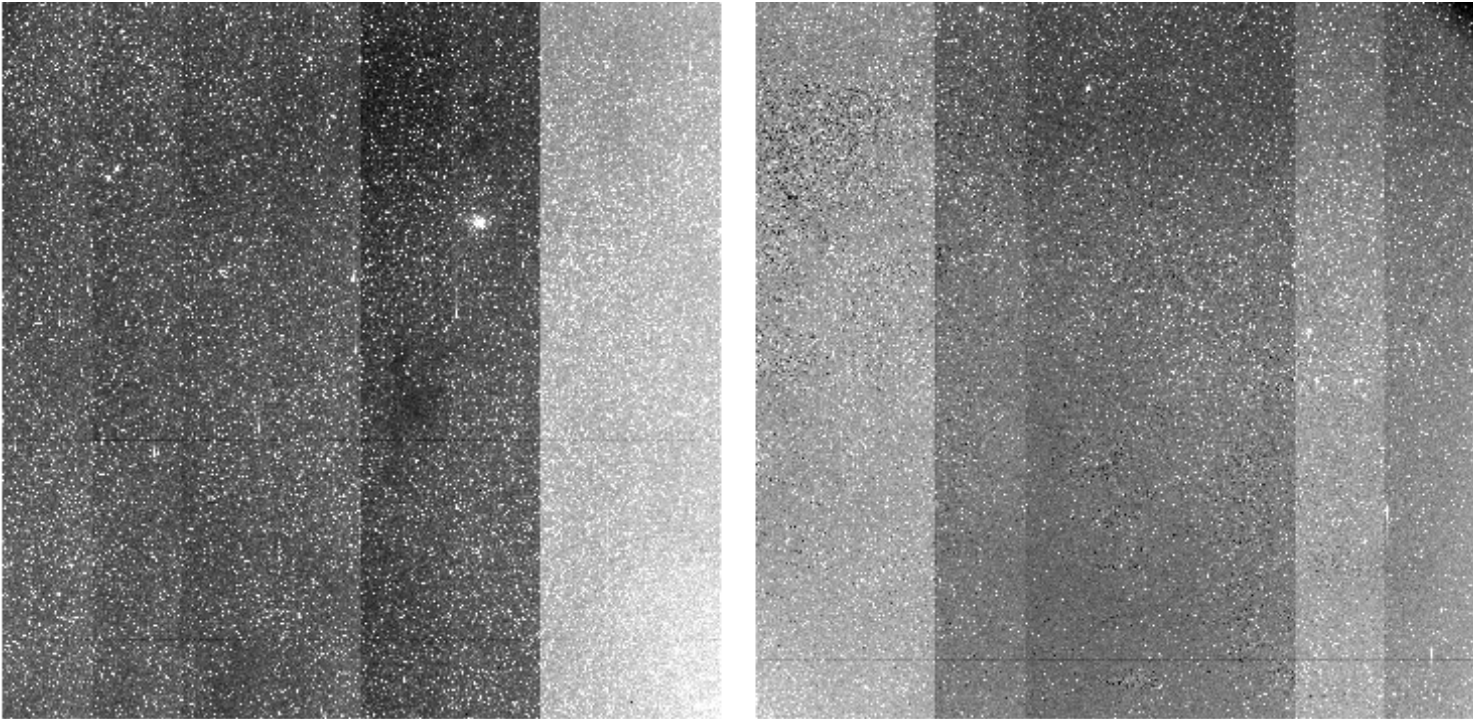
89.9

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0.9



File Name
Project ID
Image Type
Object Name
RA
DEC
Exposure Time
Airmass
Sidereal Time
Filter ID
Observation Date
CCD Temperature

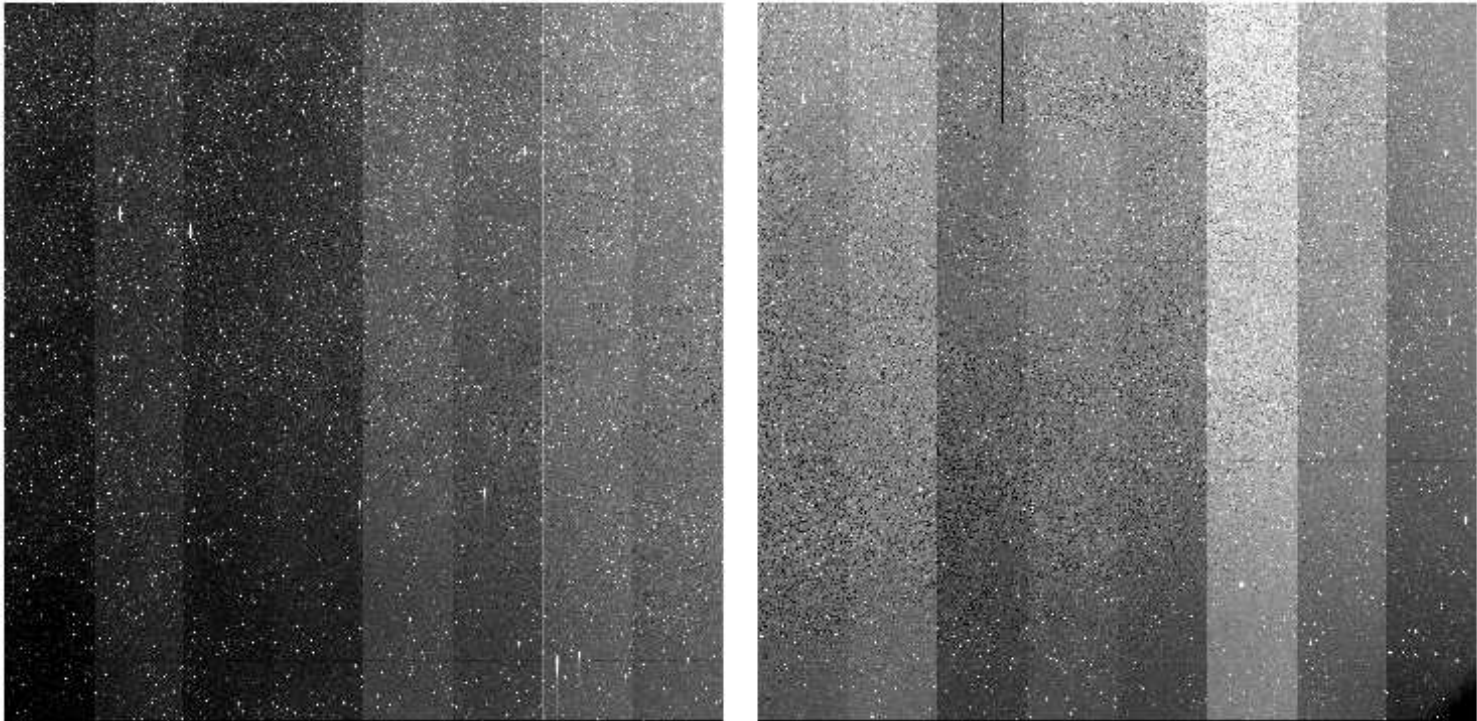
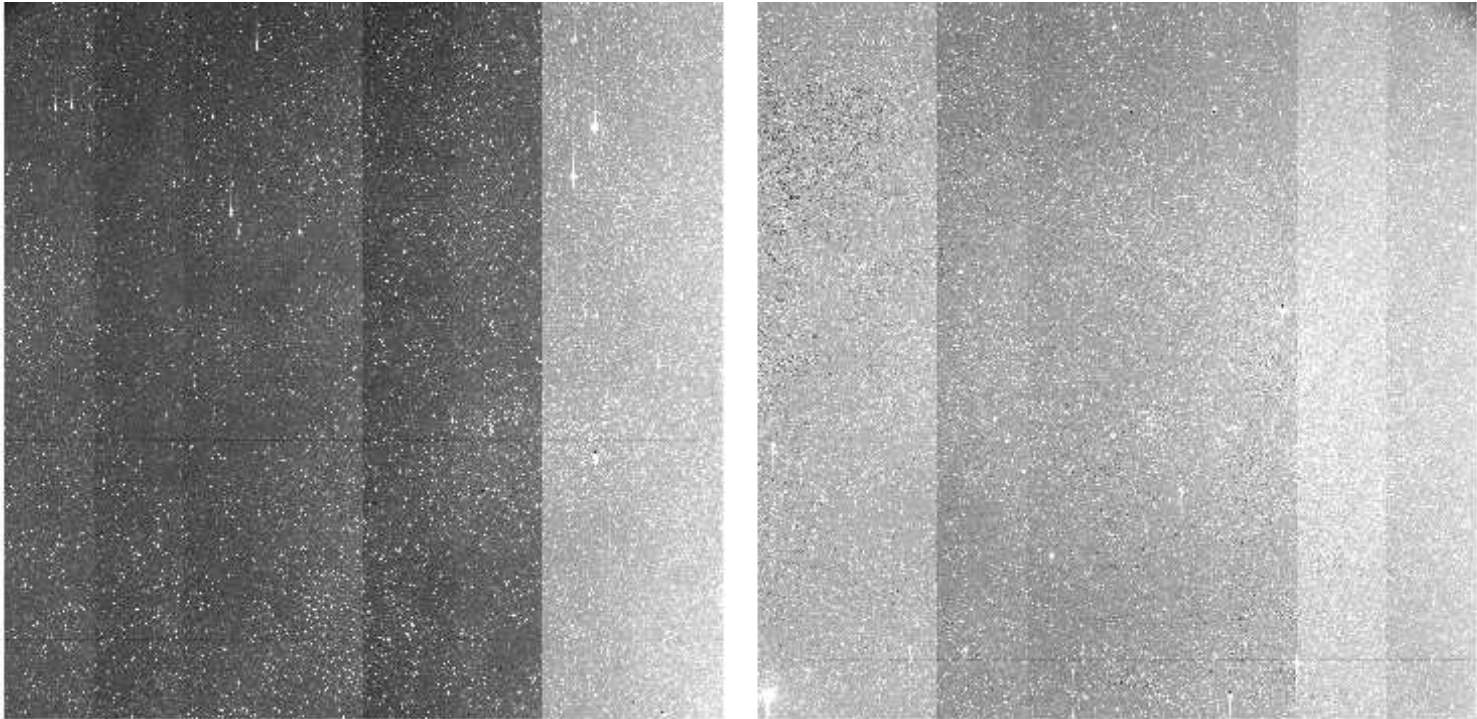
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kmta.20260725.030046.fits
BLG
OBJECT
BLG11
17:27:32.090
-29:57:25.90
60
1.19
14:59:14
I
2026-07-25T08:49:01
-273.15

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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57.4
82.2
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1.5



e+041.36e+041.41e+041.46e+041.51e+041.56e+041.61e+041.66e+041.71e+041.76e+041.8e

File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030047.fits

BLG

OBJECT

BLG02

17:54:26.140

-29:01:57.60

60

1.27

15:01:24

I

2026-07-25T08:50:58

-273.15

40 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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52.0

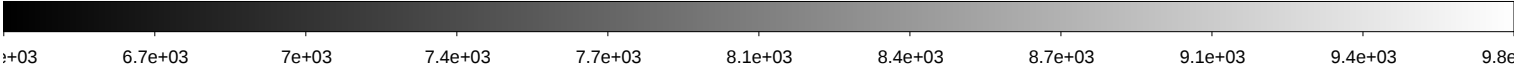
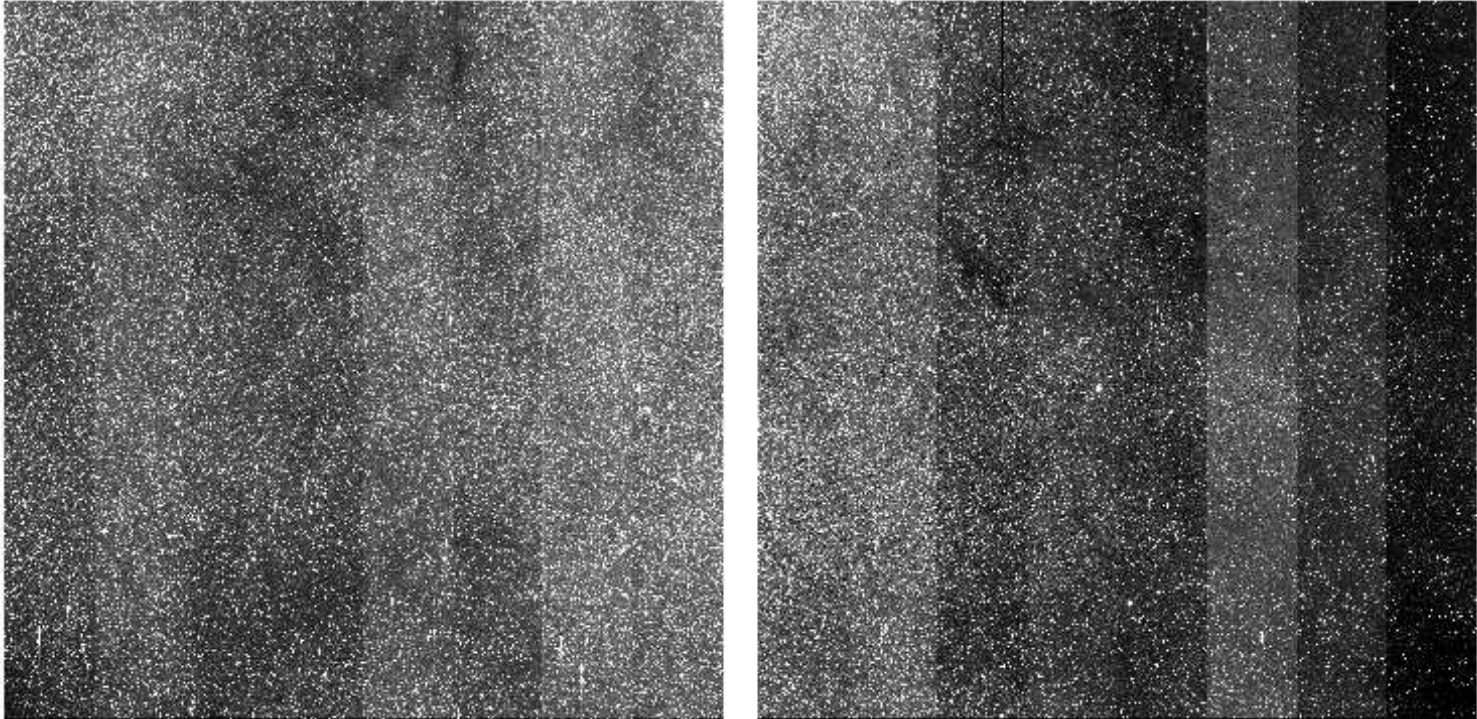
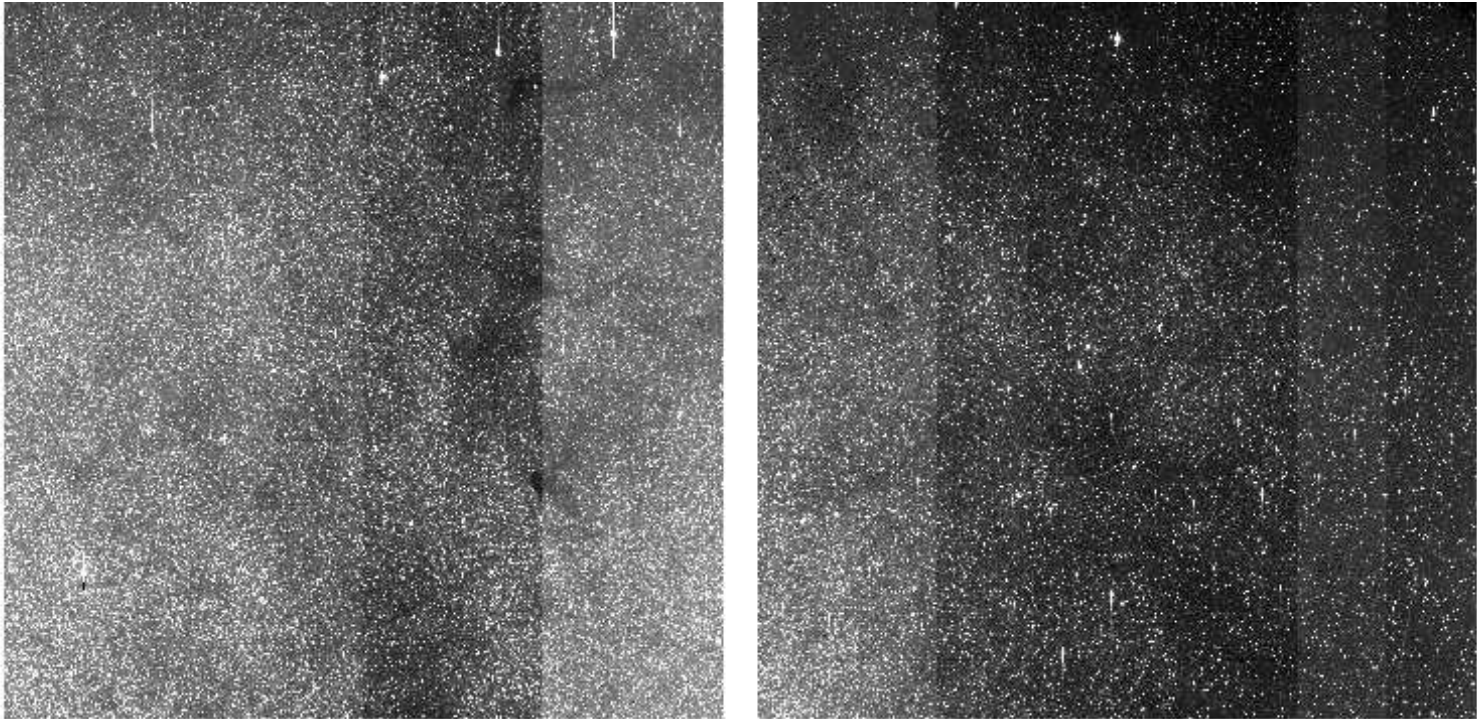
81.6

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0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030048.fits

BLG

OBJECT

BLG03

18:02:02.030

-27:56:59.40

60

1.30

15:03:21

I

2026-07-25T08:53:09

-273.15

41 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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50.5

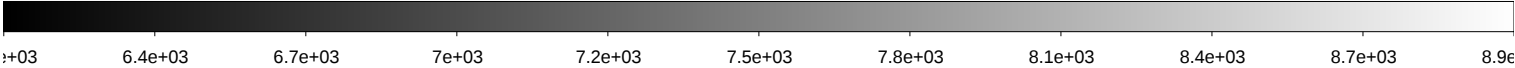
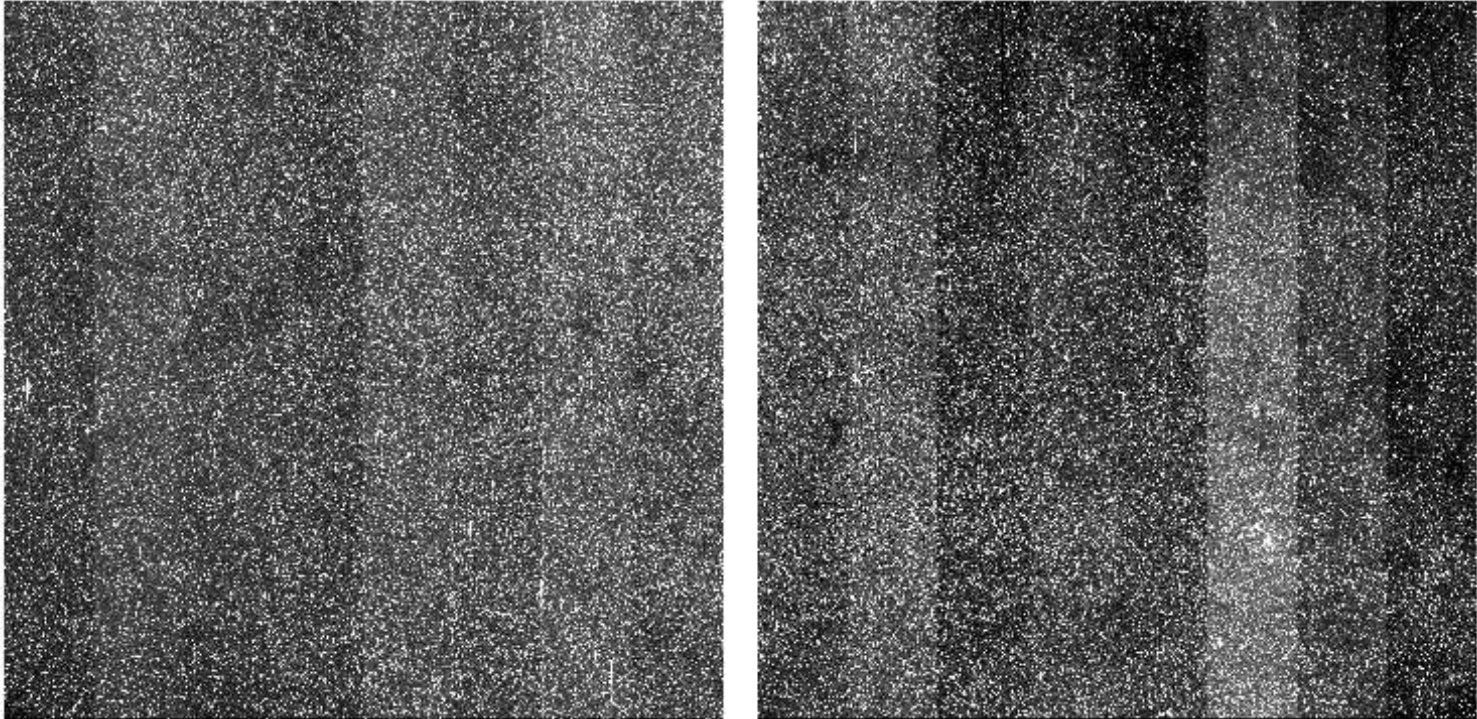
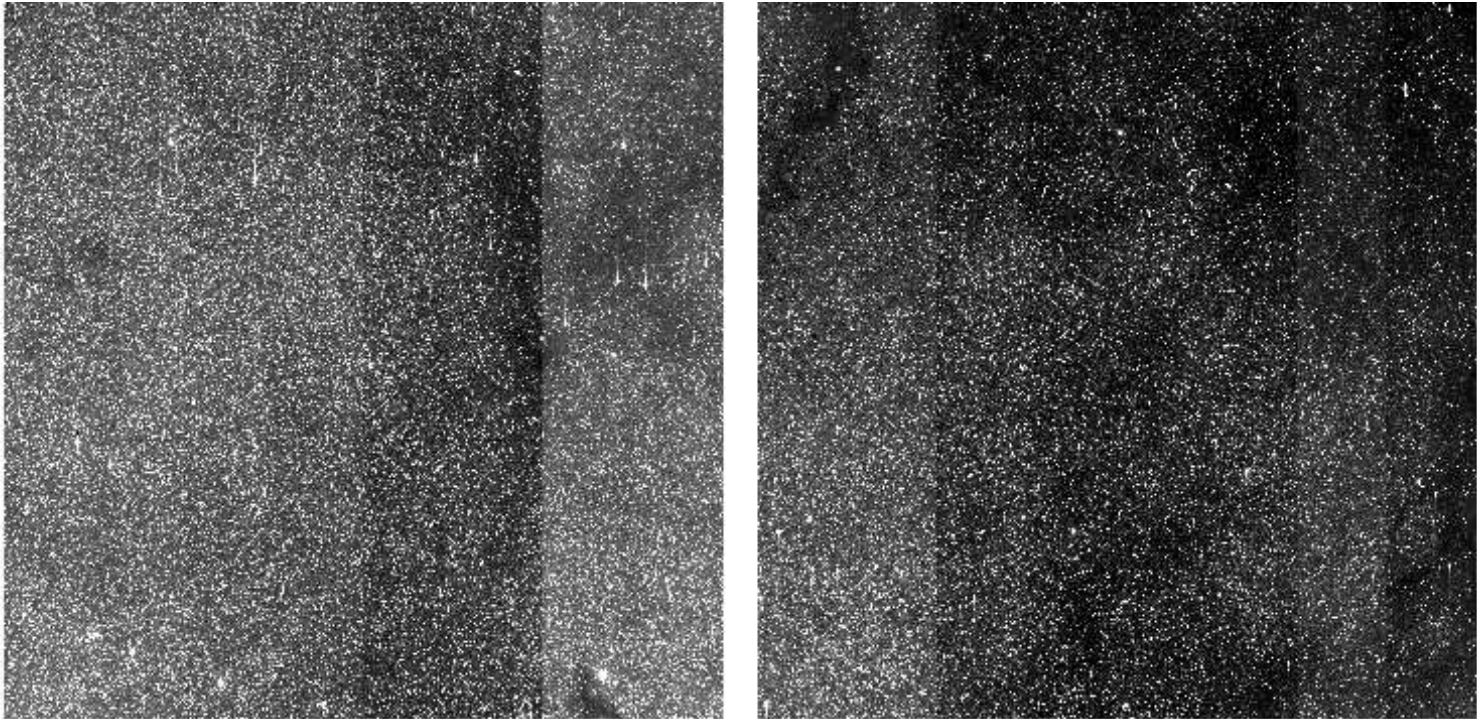
82.8

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0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030049.fits

BLG

OBJECT

BLG01

17:54:26.230

-31:08:26.20

60

1.25

15:05:32

I

2026-07-25T08:55:18

-273.15

42 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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53.3

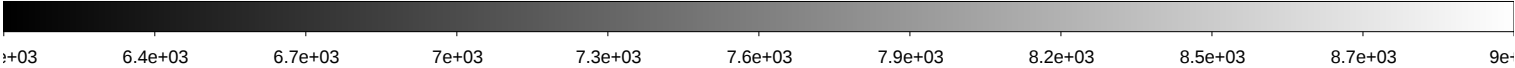
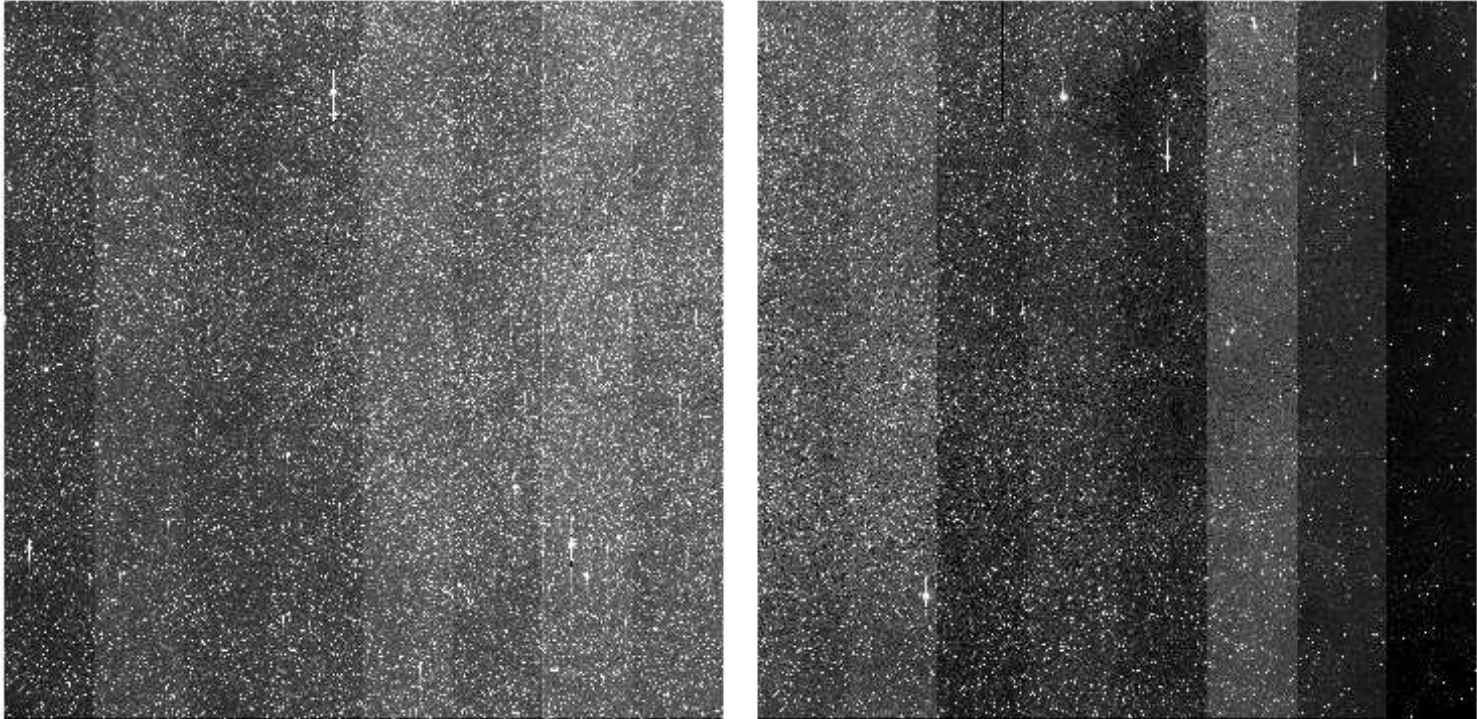
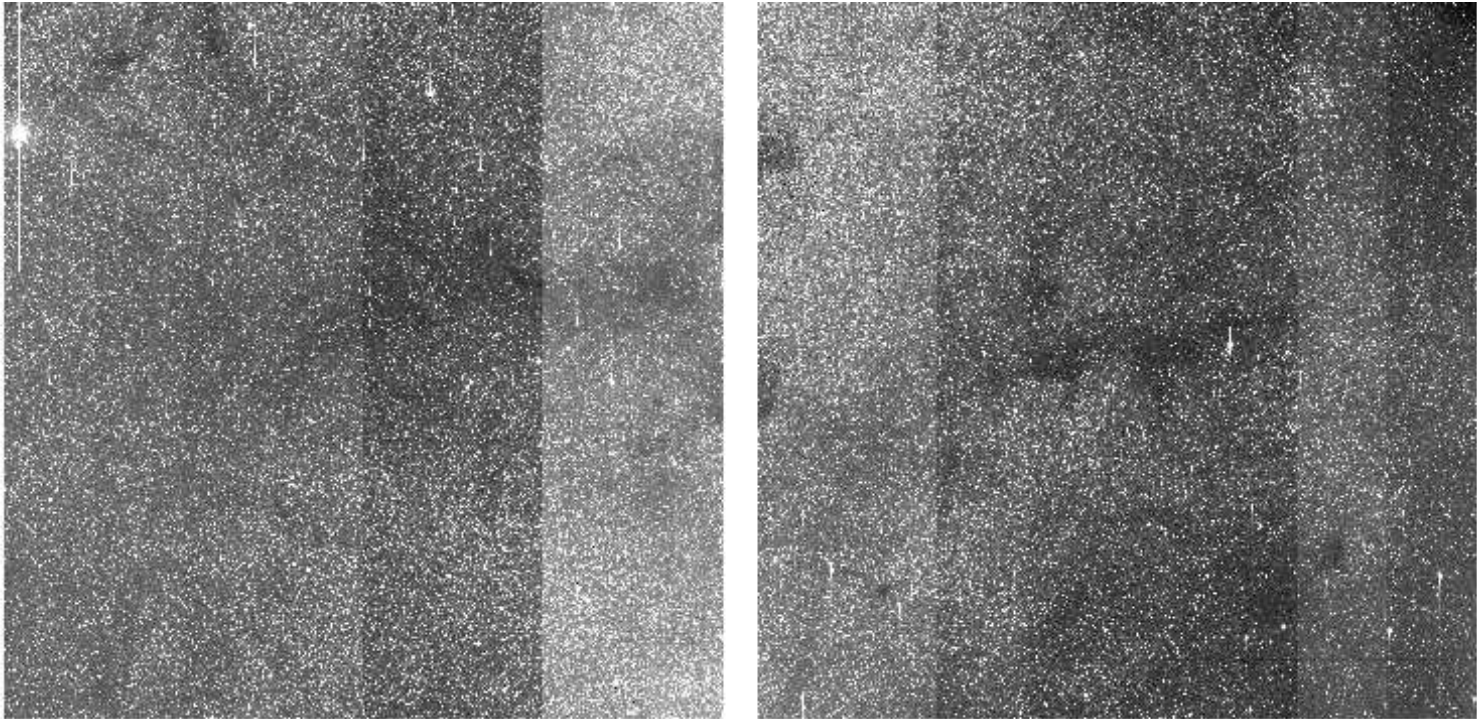
78.6

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3

0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030050.fits

BLG

OBJECT

BLG04

18:03:52.110

-30:03:28.40

60

1.28

15:07:44

I

2026-07-25T08:57:31

-273.15

43 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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51.6

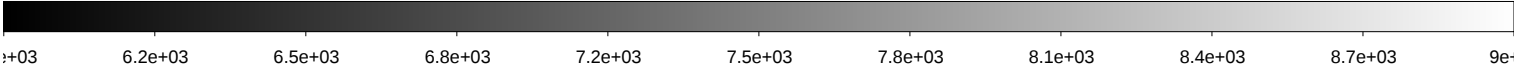
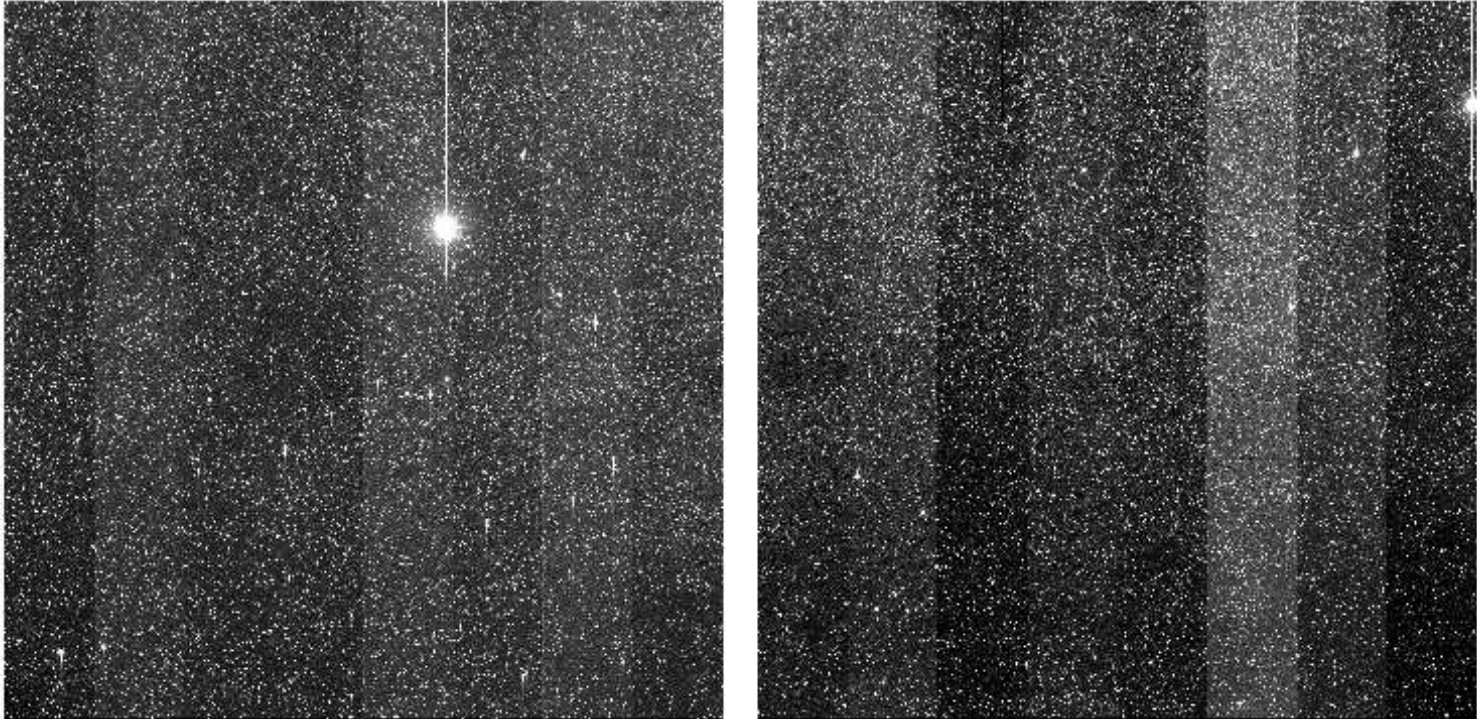
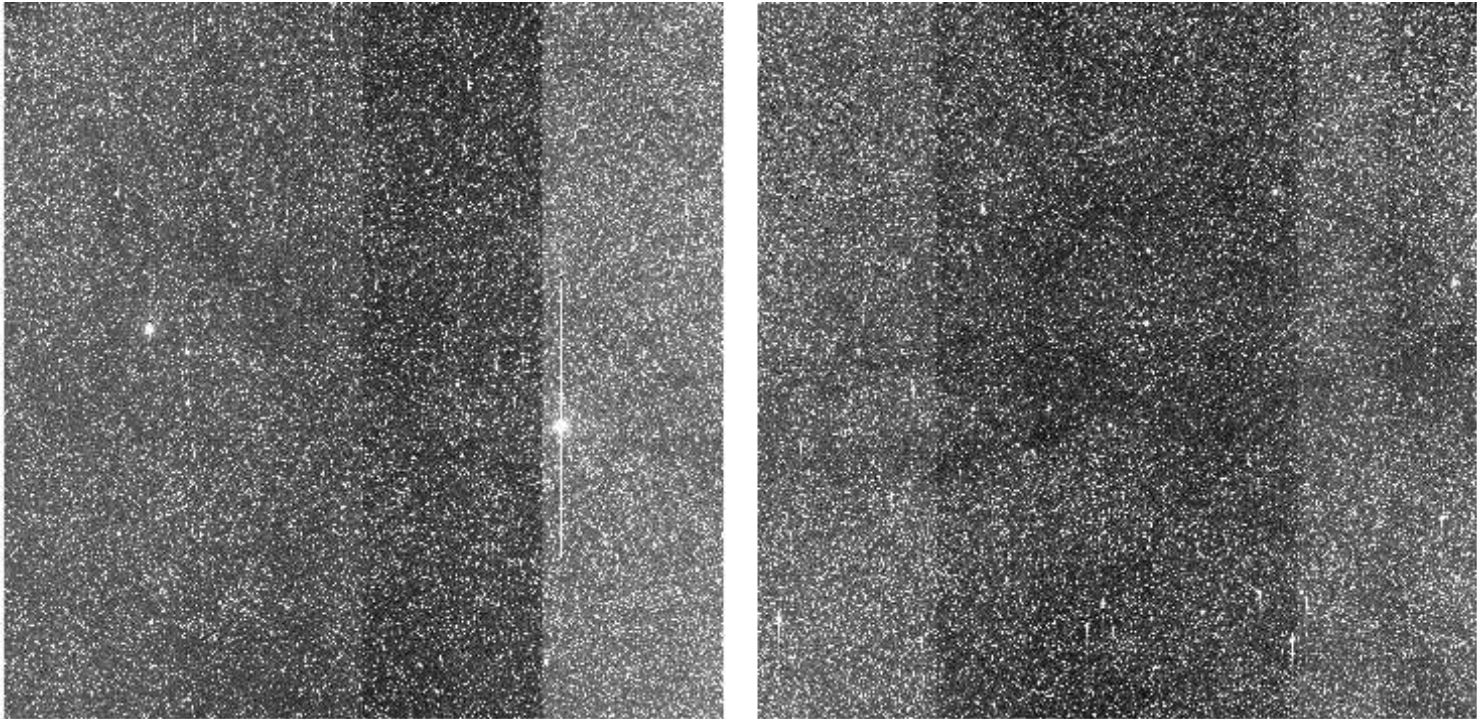
79.7

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0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030051.fits

BLG

OBJECT

BLG42

17:54:09.250

-29:09:25.10

60

1.24

15:09:55

I

2026-07-25T08:59:41

-273.15

44 / 80

ALT : 53.9

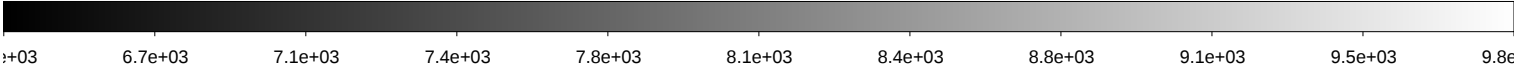
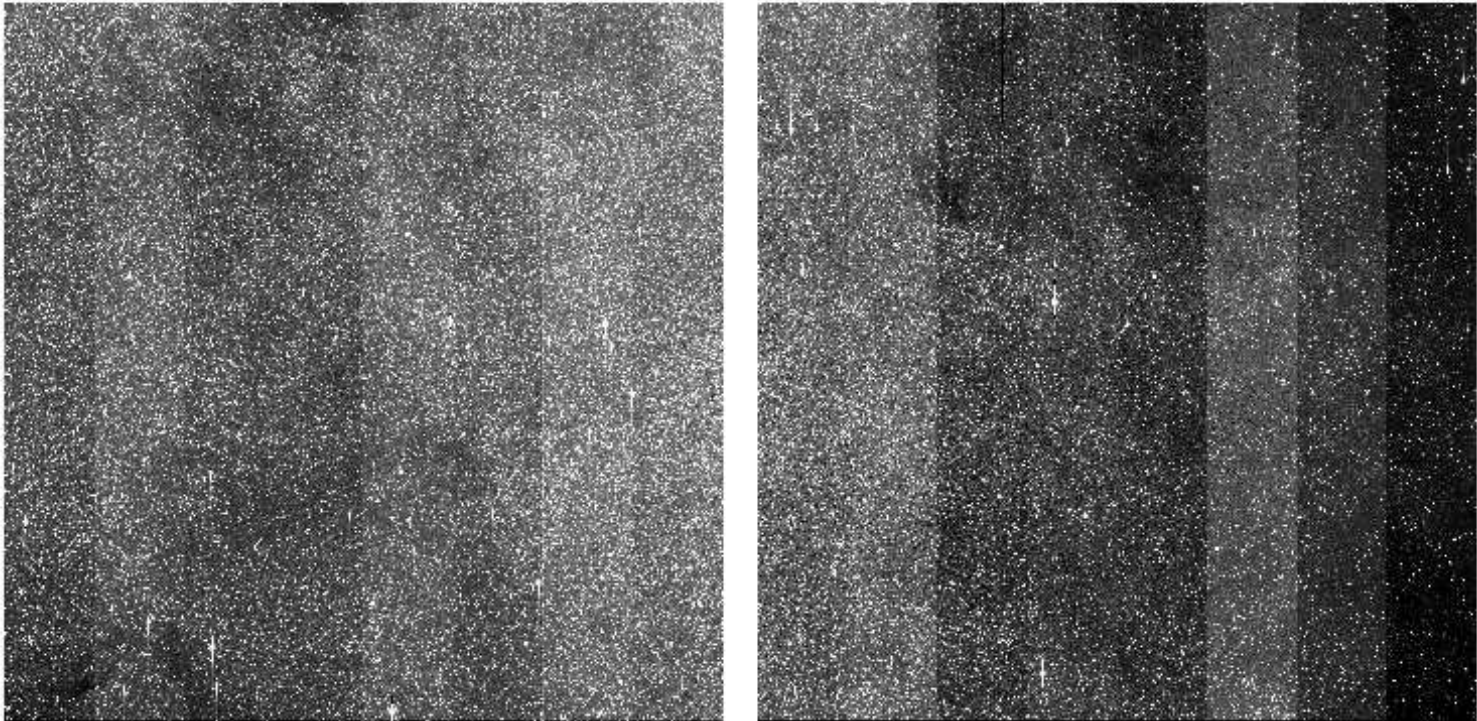
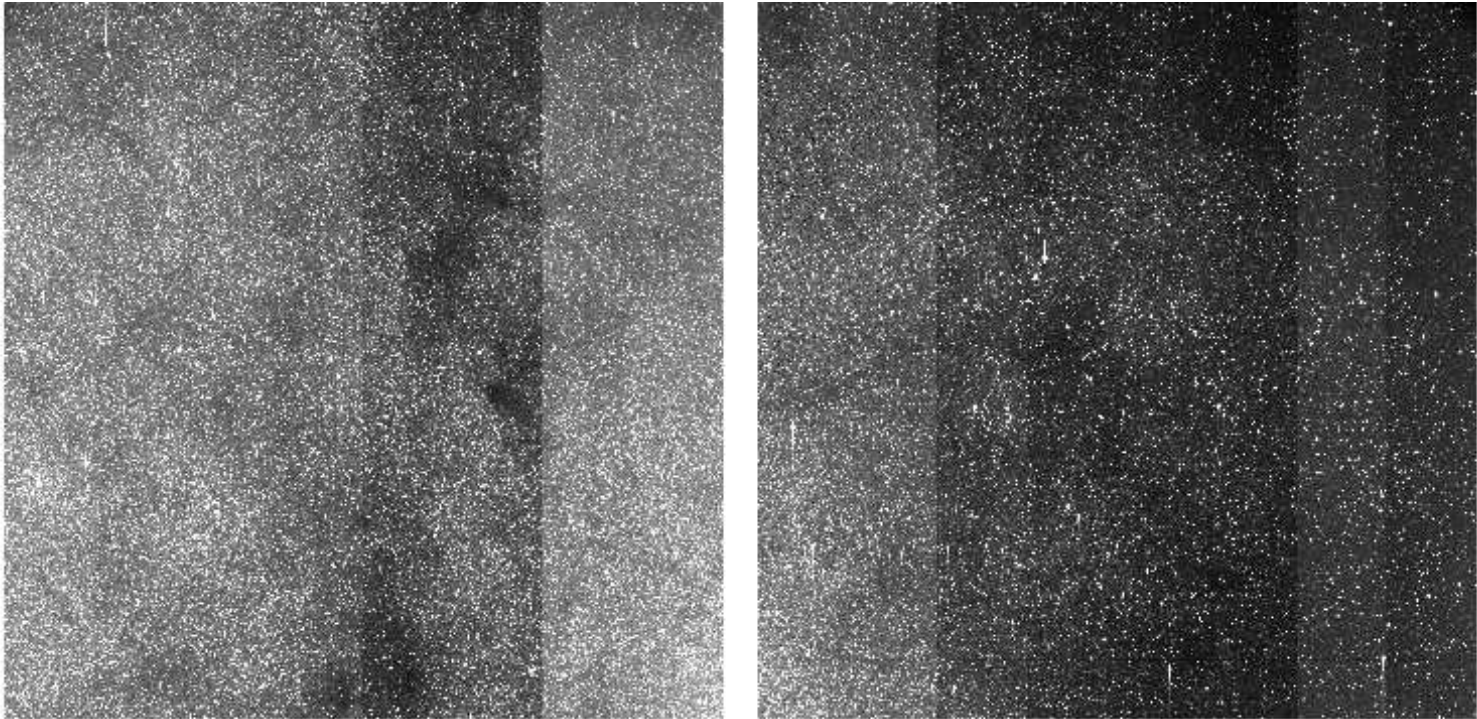
AZ : 82.2

Image Issue : —

CHIP : —

Weather : 3

Moon Effect : 0.5



File Name : **kmta.20260725.030052.fits** # 45 / 80 #

Project ID : BLG

Image Type : OBJECT

Object Name : **BLG42**

RA : 17:54:09.210

DEC : -29:09:25.50

Exposure Time : 90

Airmass : 1.23

Sidereal Time : 15:12:05

Filter ID : V

Observation Date : 2026-07-25T09:01:50

CCD Temperature : -273.15

ALT : 54.3

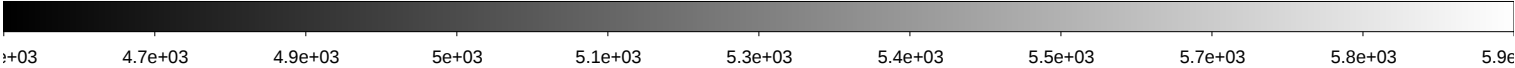
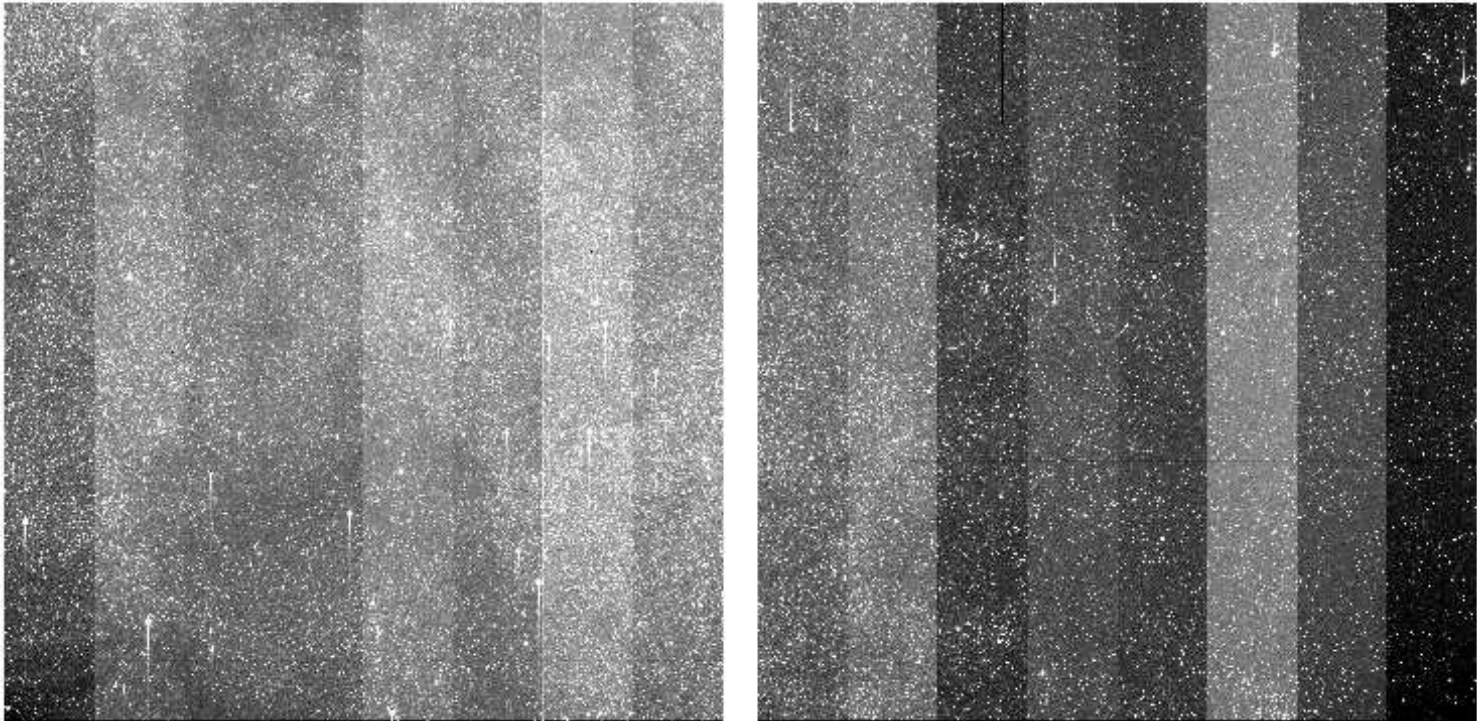
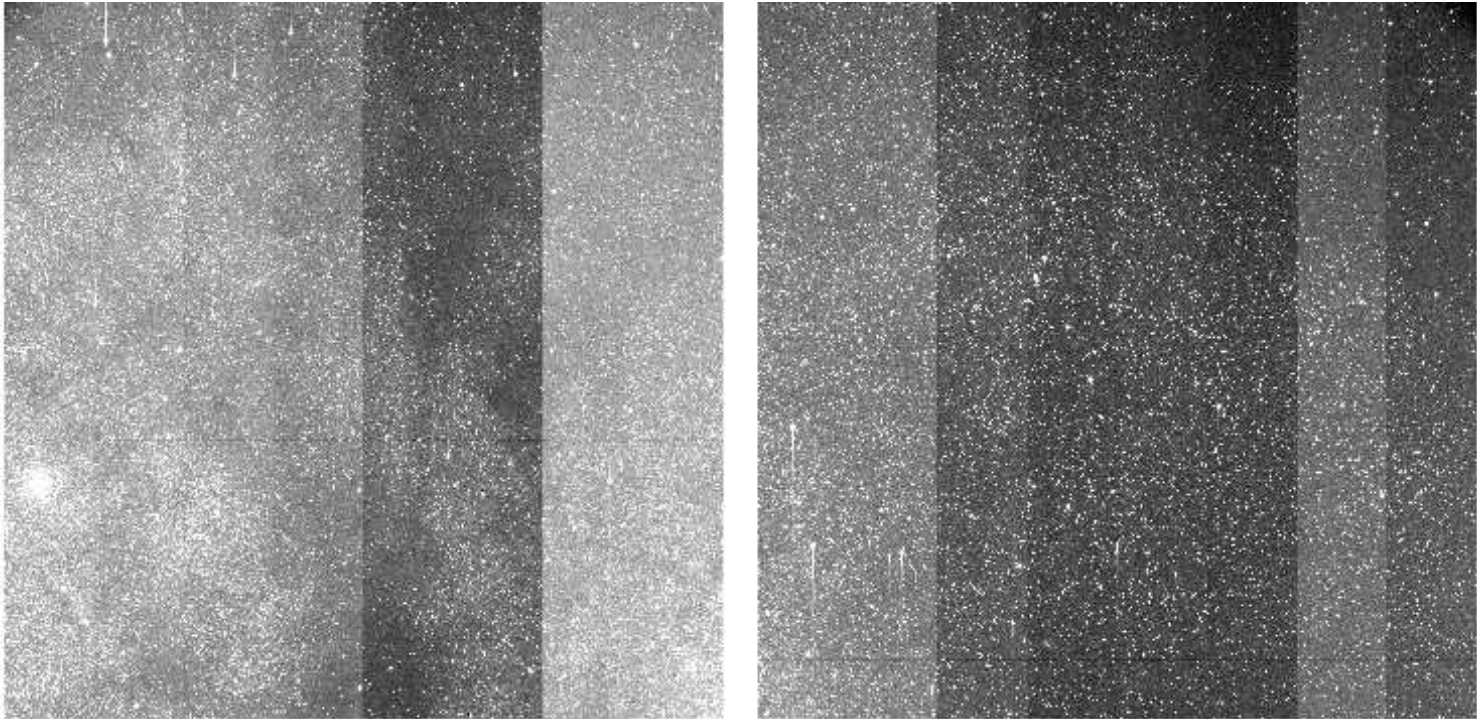
AZ : 82.4

Image Issue : —

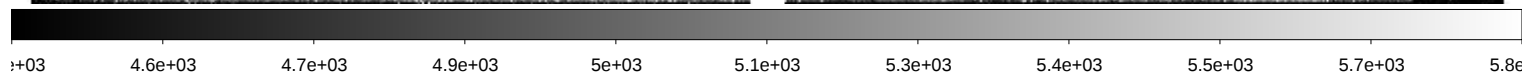
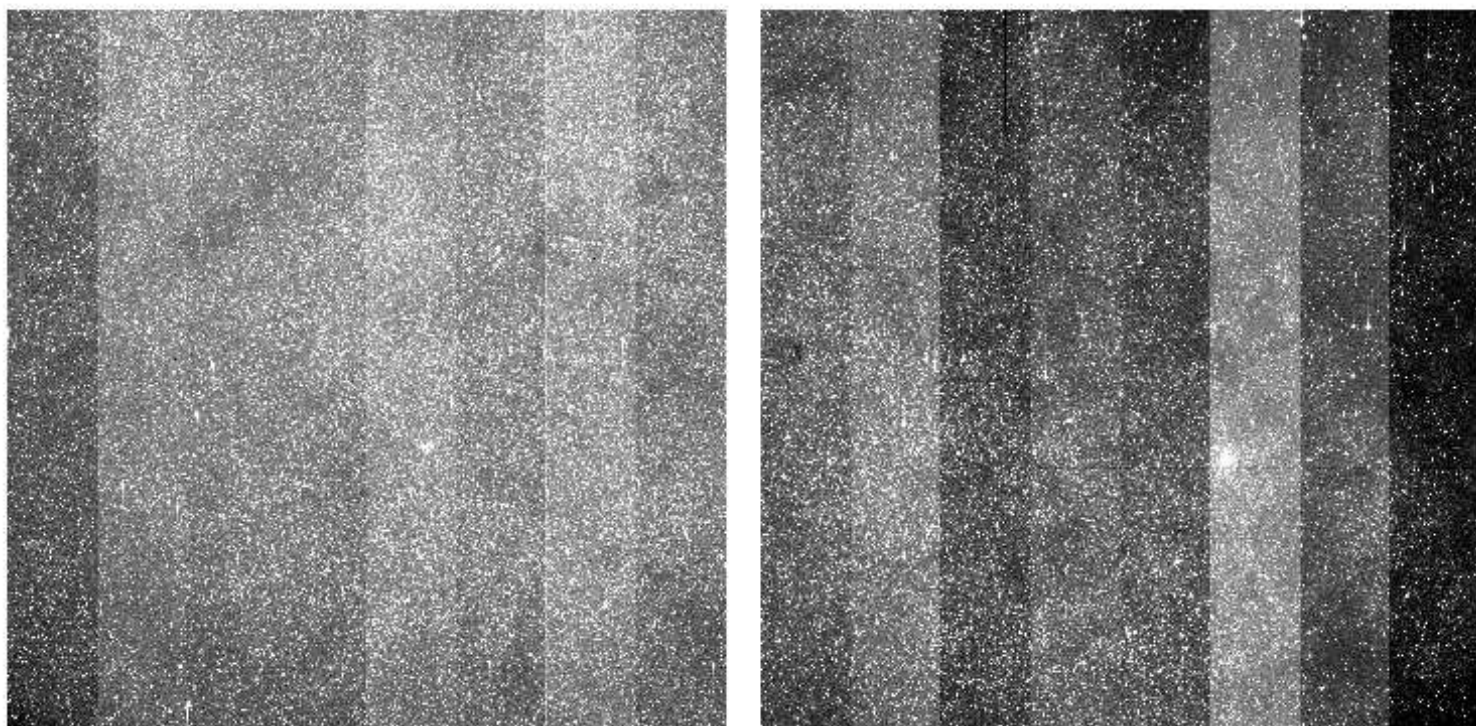
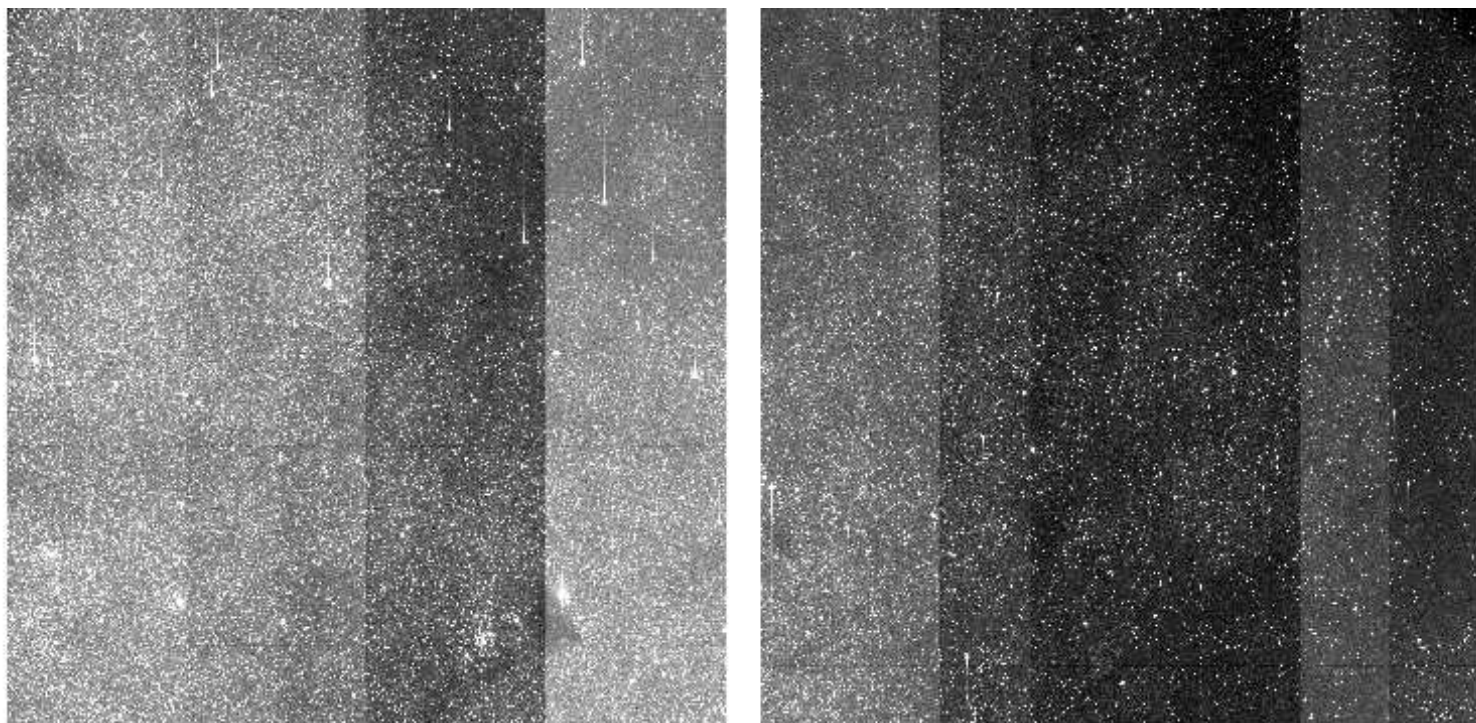
CHIP : —

Weather : 3

Moon Effect : 0.5



File Name	:	kmta.20260725.030053.fits	# 46 / 80 #
Project ID	:	BLG	
Image Type	:	OBJECT	
Object Name	:	BLG43	
RA	:	18:01:45.200	
DEC	:	-28:04:25.80	
Exposure Time	:	90	ALT
Airmass	:	1.25	AZ
Sidereal Time	:	15:14:46	Image Issue
Filter ID	:	V	CHIP
Observation Date	:	2026-07-25T09:04:31	Weather
CCD Temperature	:	-273.15	Moon Effect



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmta.20260725.030054.fits

: BLG

: OBJECT

: BLG43

: 18:01:45.220

: -28:04:25.00

: 60

: 1.24

: 15:17:25

: I

: 2026-07-25T09:07:10

: -273.15

47 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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53.6

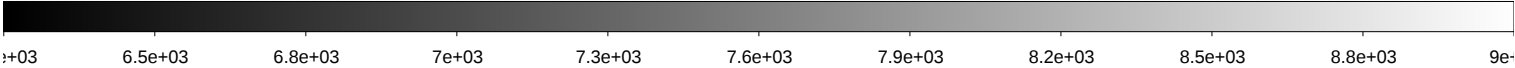
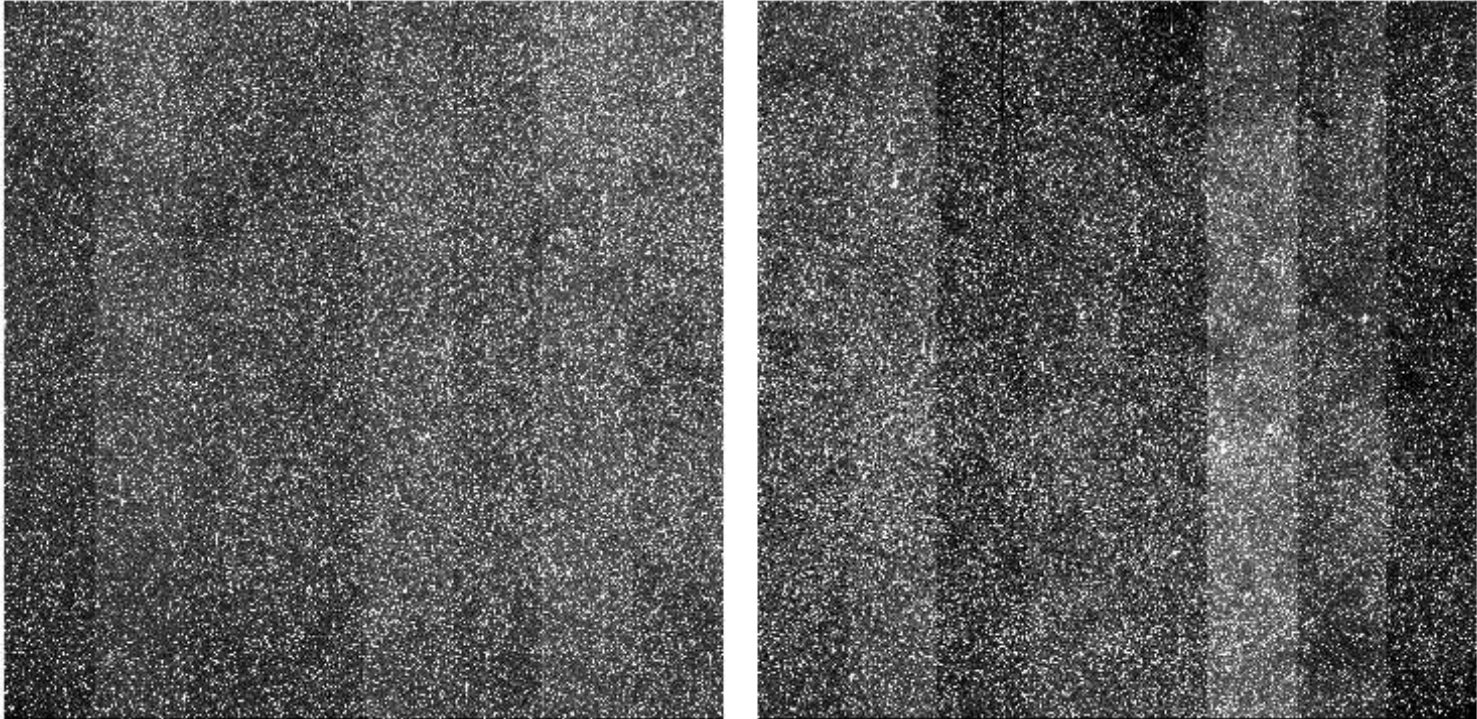
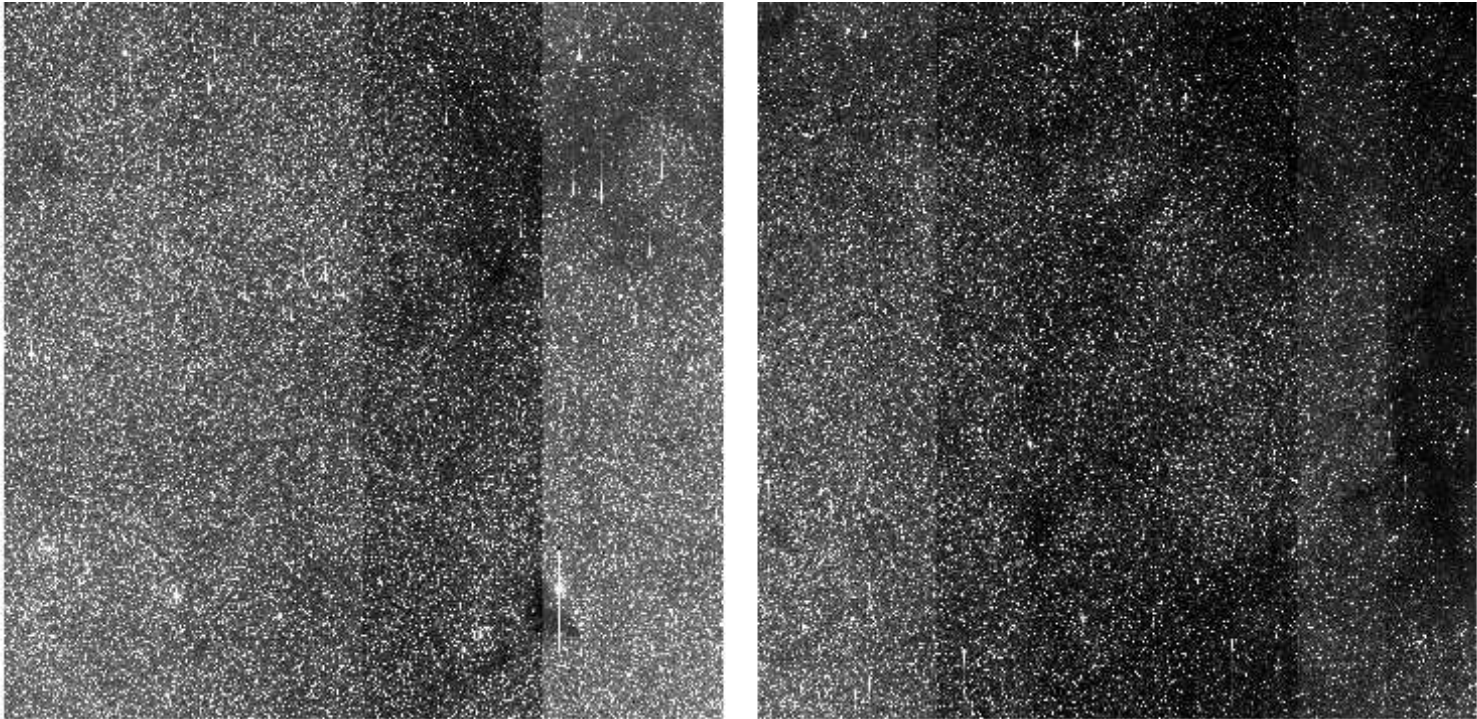
84.0

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3

0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030055.fits

BLG

OBJECT

BLG22

17:54:26.140

-33:15:27.10

60

1.20

15:19:36

I

2026-07-25T09:09:09

-273.15

48 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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56.6

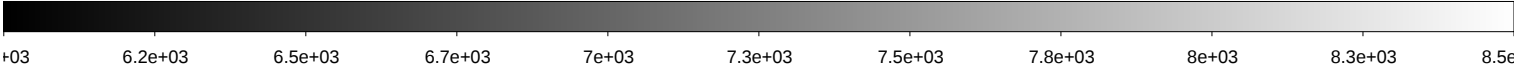
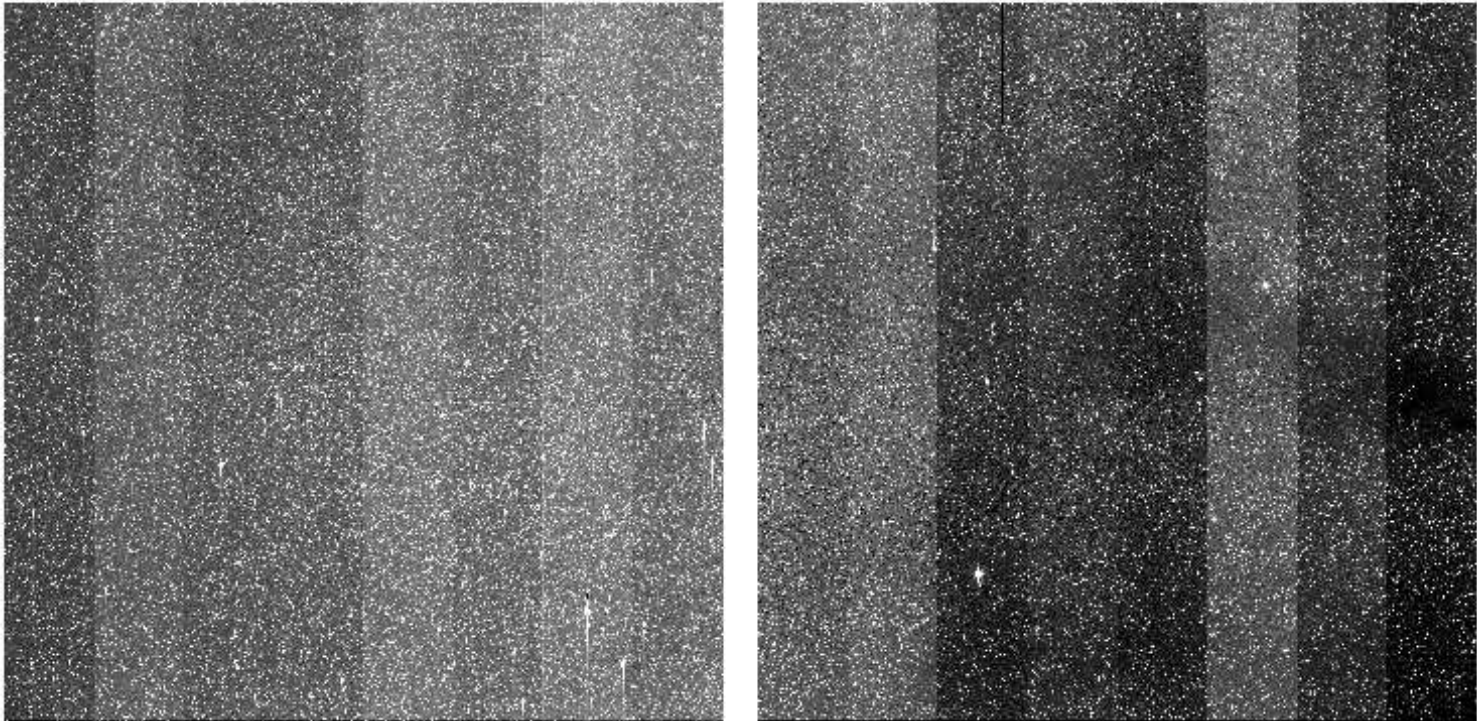
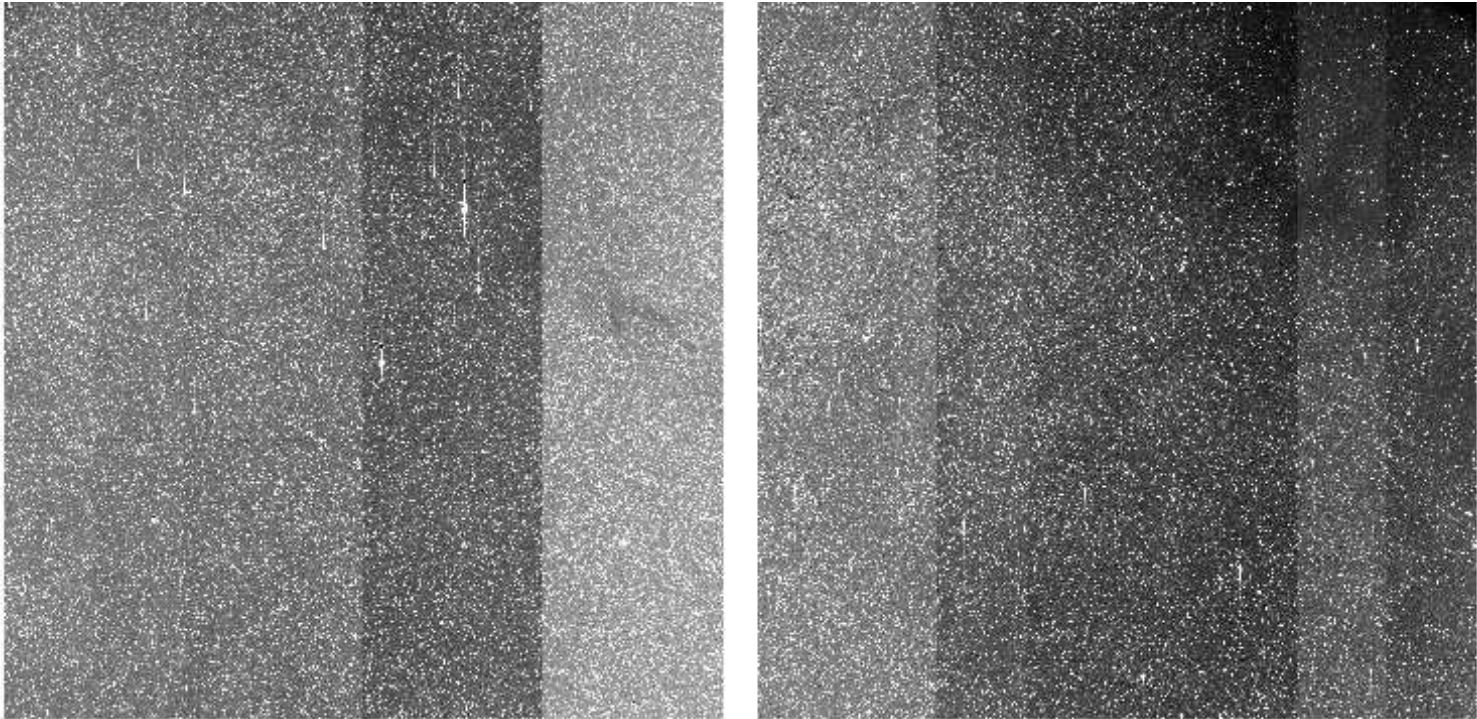
75.8

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0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030056.fits

BLG

OBJECT

BLG22

17:54:26.110

-33:15:27.50

90

1.19

15:21:35

V

2026-07-25T09:11:19

-273.15

49 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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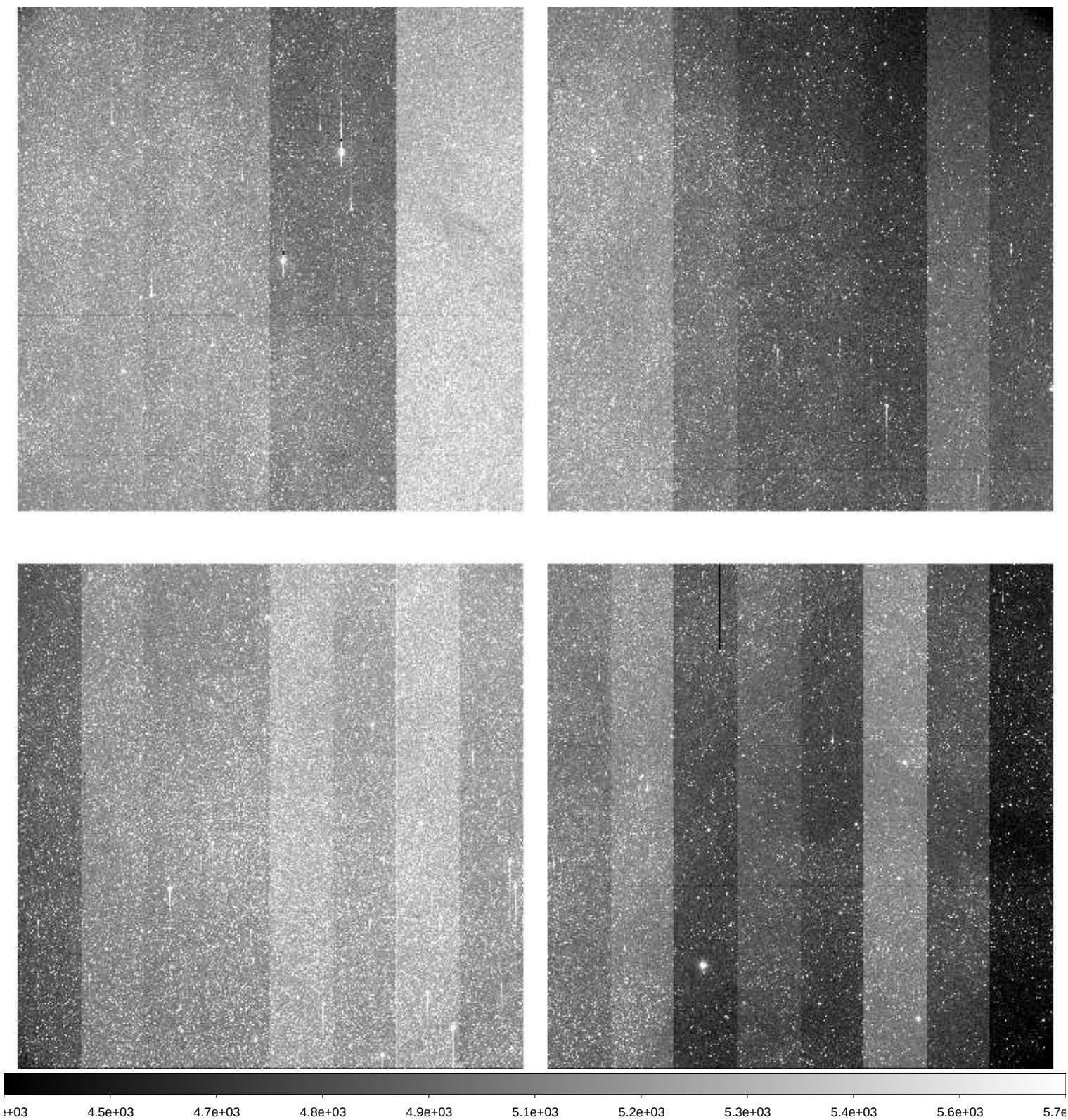
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File Name
Project ID
Image Type
Object Name
RA
DEC
Exposure Time
Airmass
Sidereal Time
Filter ID
Observation Date
CCD Temperature

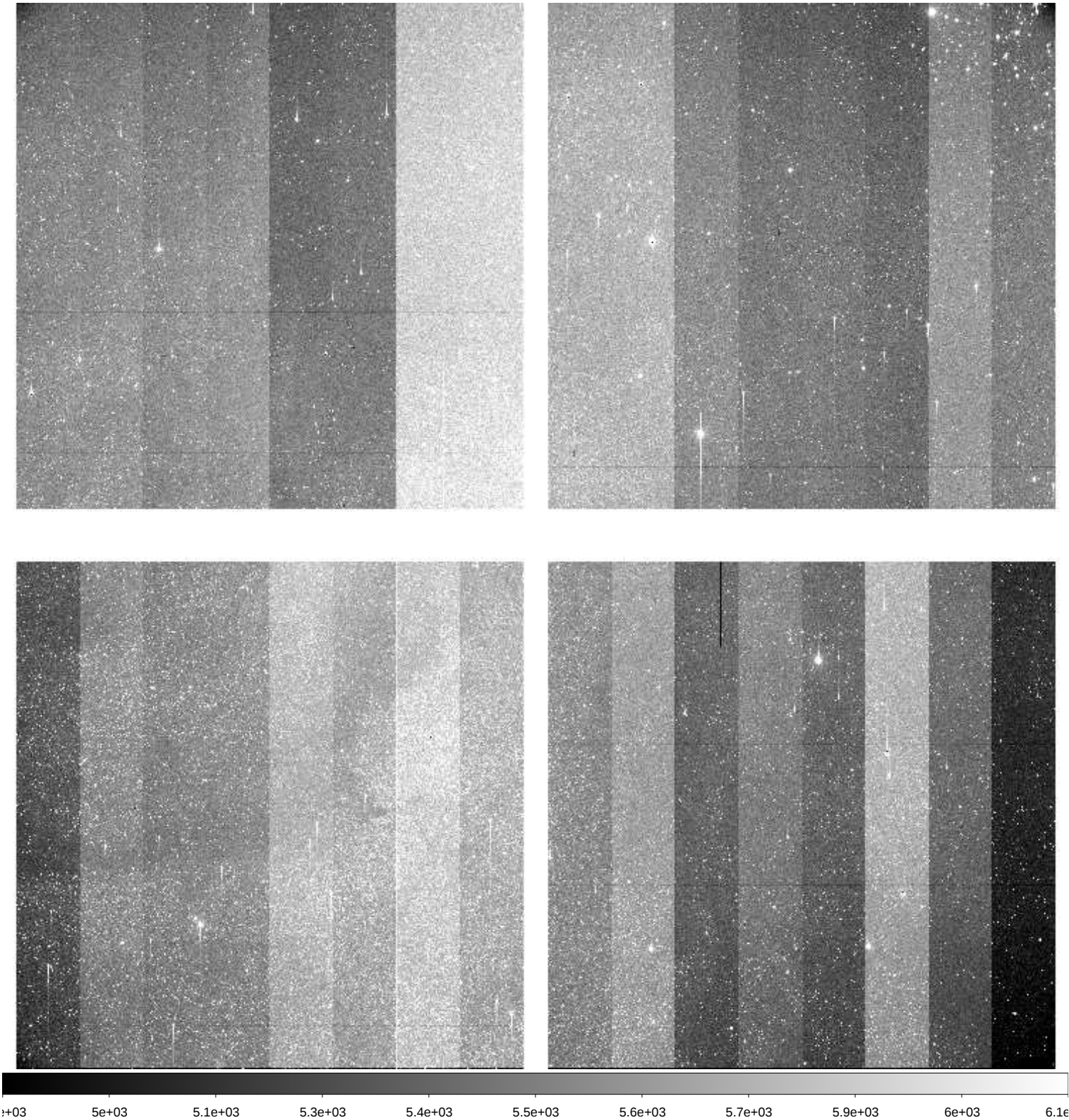
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kmta.20260725.030057.fits
BLG
OBJECT
BLG17
17:44:42.310
-33:15:22.40
90
1.16
15:24:14
V
2026-07-25T09:13:58
-273.15

ALT
AZ
Image Issue
CHIP
Weather
Moon Effect

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59.6
76.4
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3
0.6



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmta.20260725.030058.fits

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: OBJECT

: BLG17

: 17:44:42.240

: -33:15:22.20

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: 1.15

: 15:26:57

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: 2026-07-25T09:16:40

: -273.15

51 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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60.2

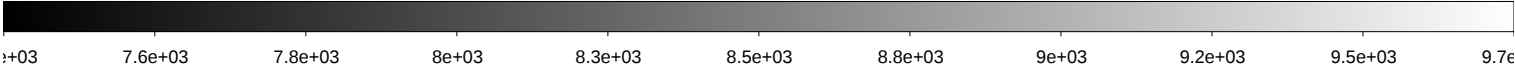
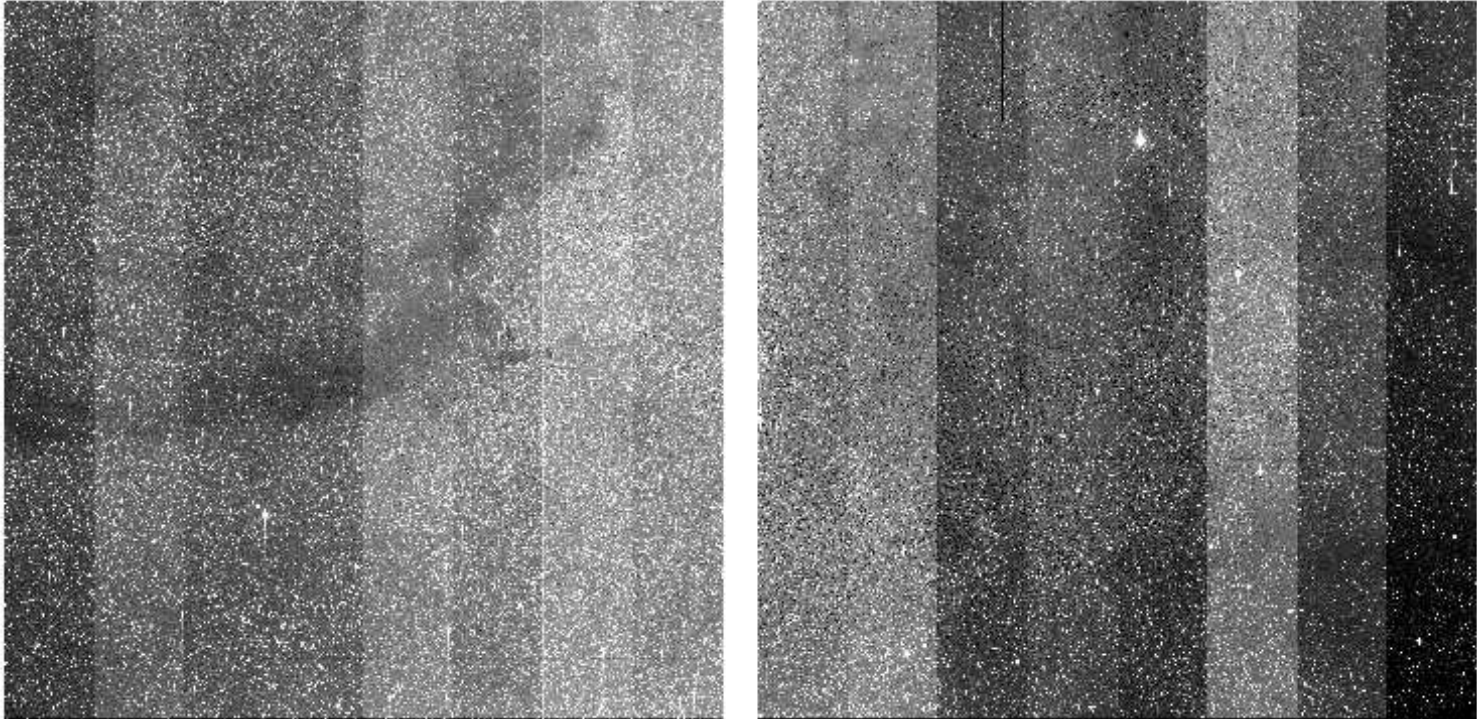
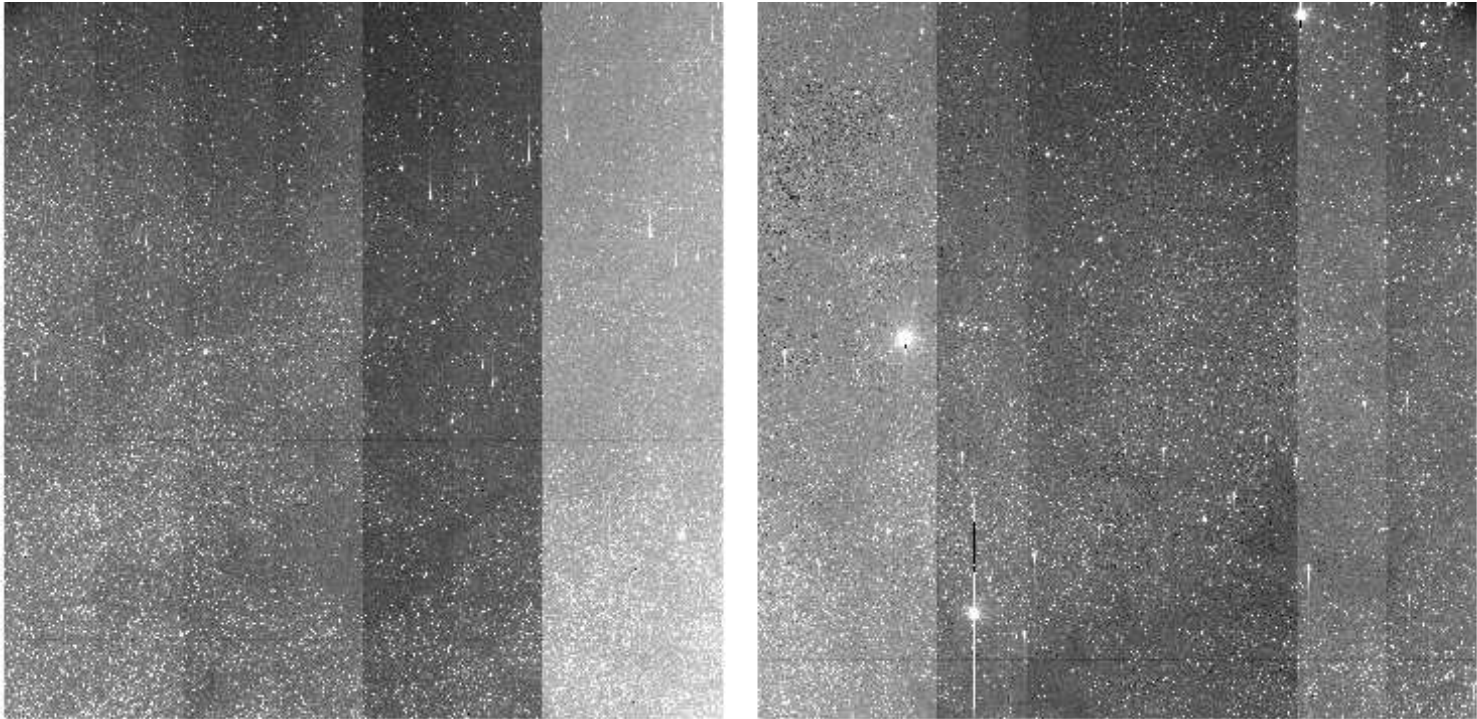
76.6

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0.6



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030059.fits

BLG

OBJECT

BLG02

17:54:26.120

-29:01:54.50

60

1.18

15:29:05

I

2026-07-25T09:18:49

-273.15

52 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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57.9

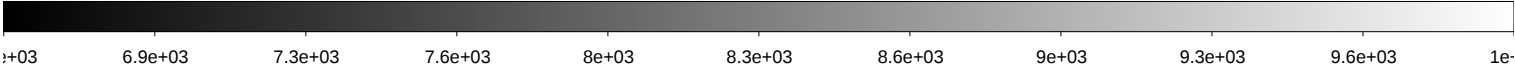
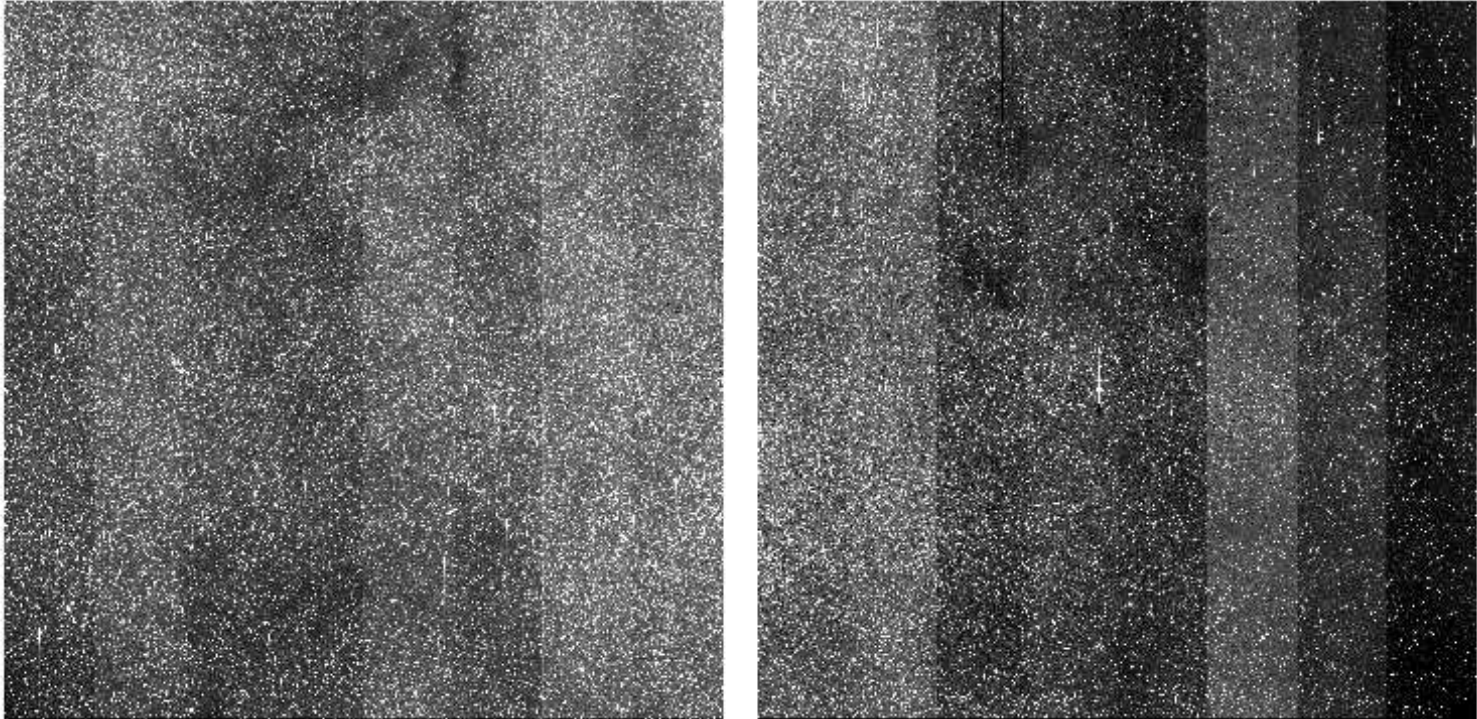
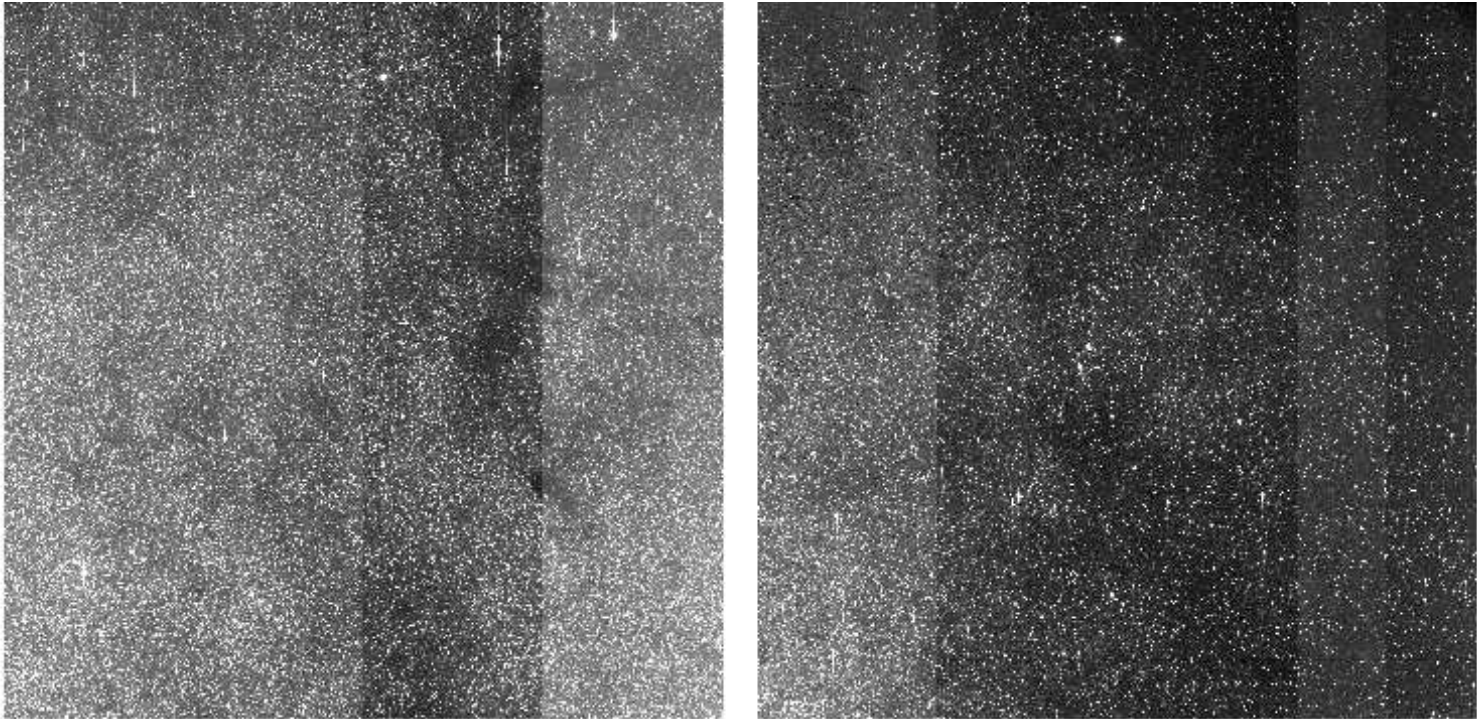
84.1

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0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030060.fits

BLG

OBJECT

BLG03

18:02:02.000

-27:56:57.00

60

1.20

15:31:14

I

2026-07-25T09:20:57

-273.15

53 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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56.4

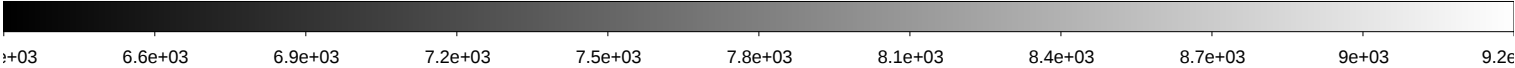
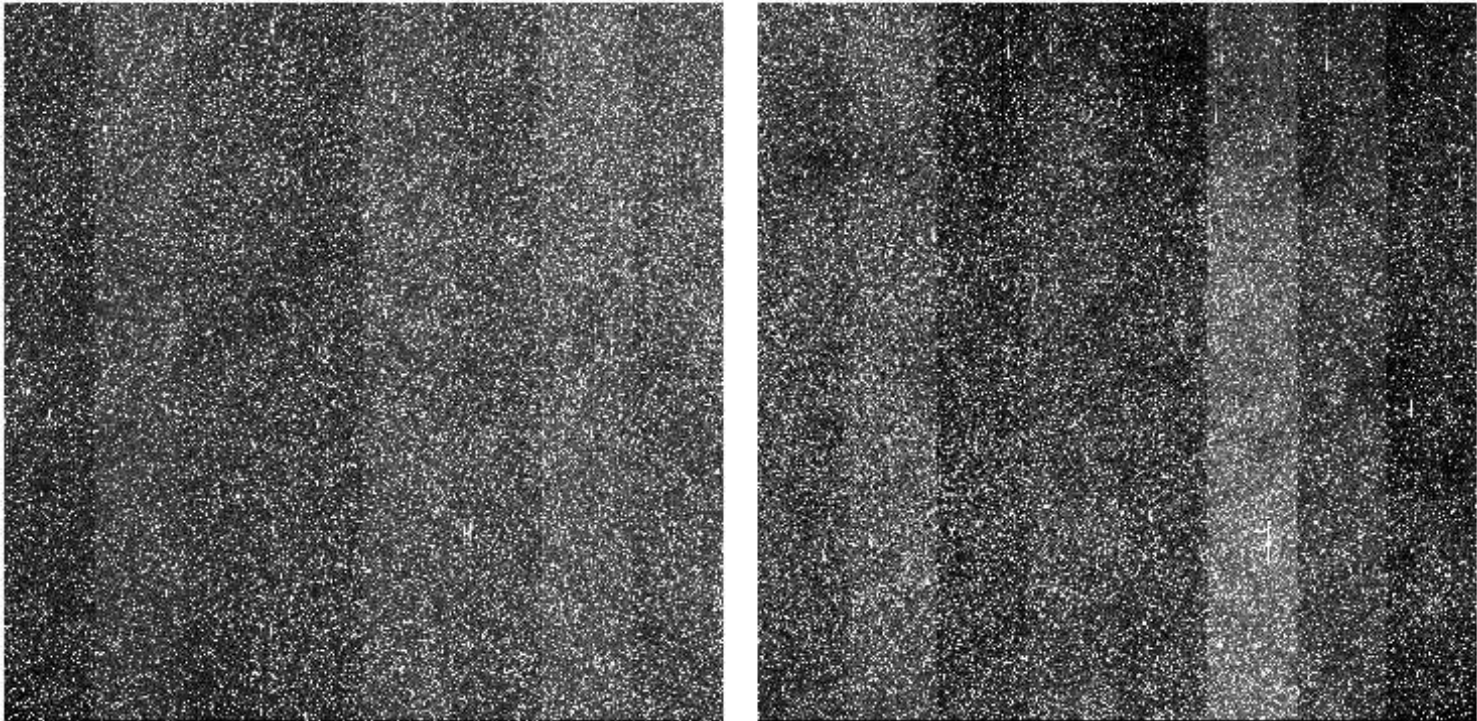
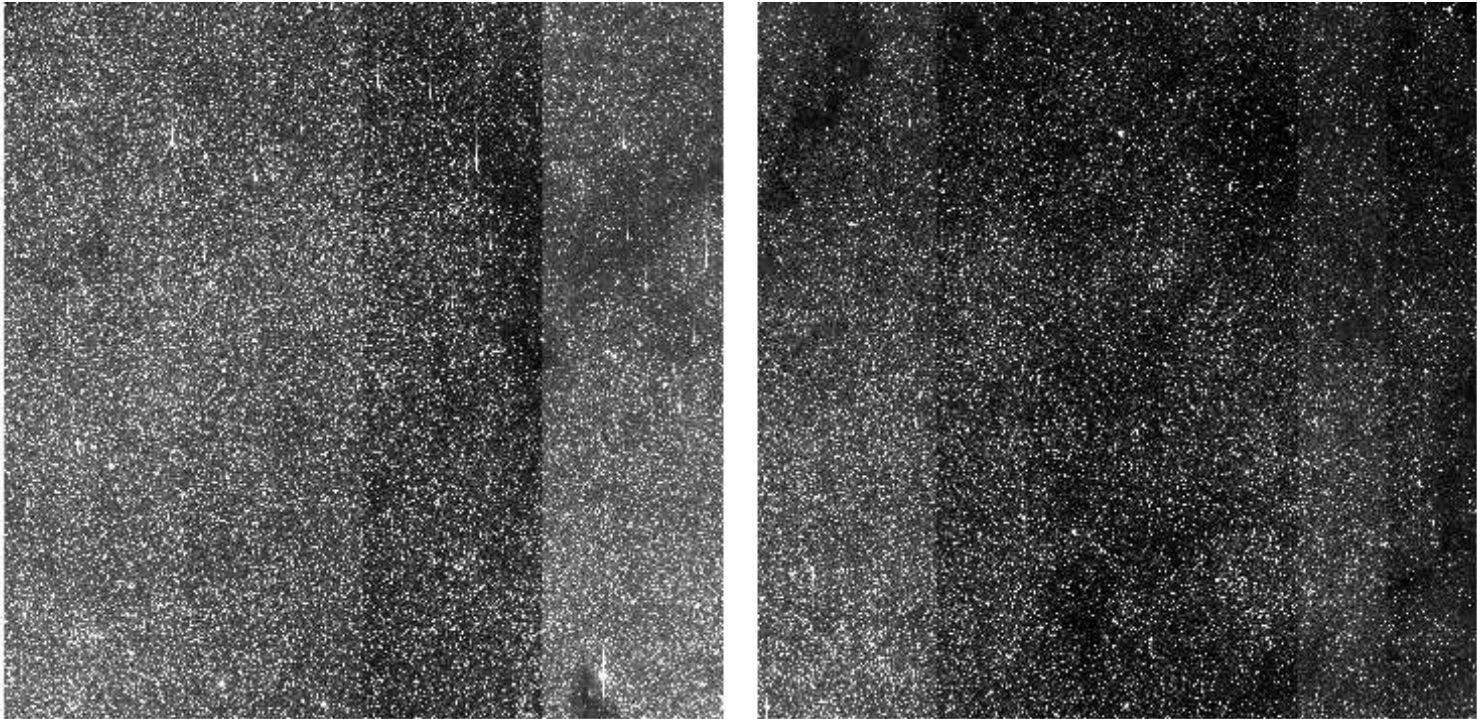
85.5

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0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030061.fits

BLG

OBJECT

BLG41

17:54:09.250

-31:15:52.70

60

1.16

15:33:25

I

2026-07-25T09:23:07

-273.15

54 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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59.3

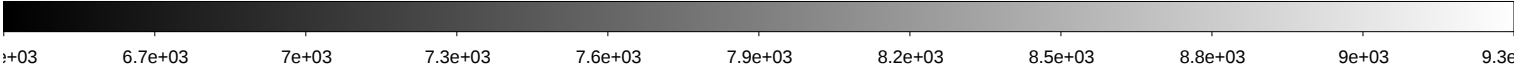
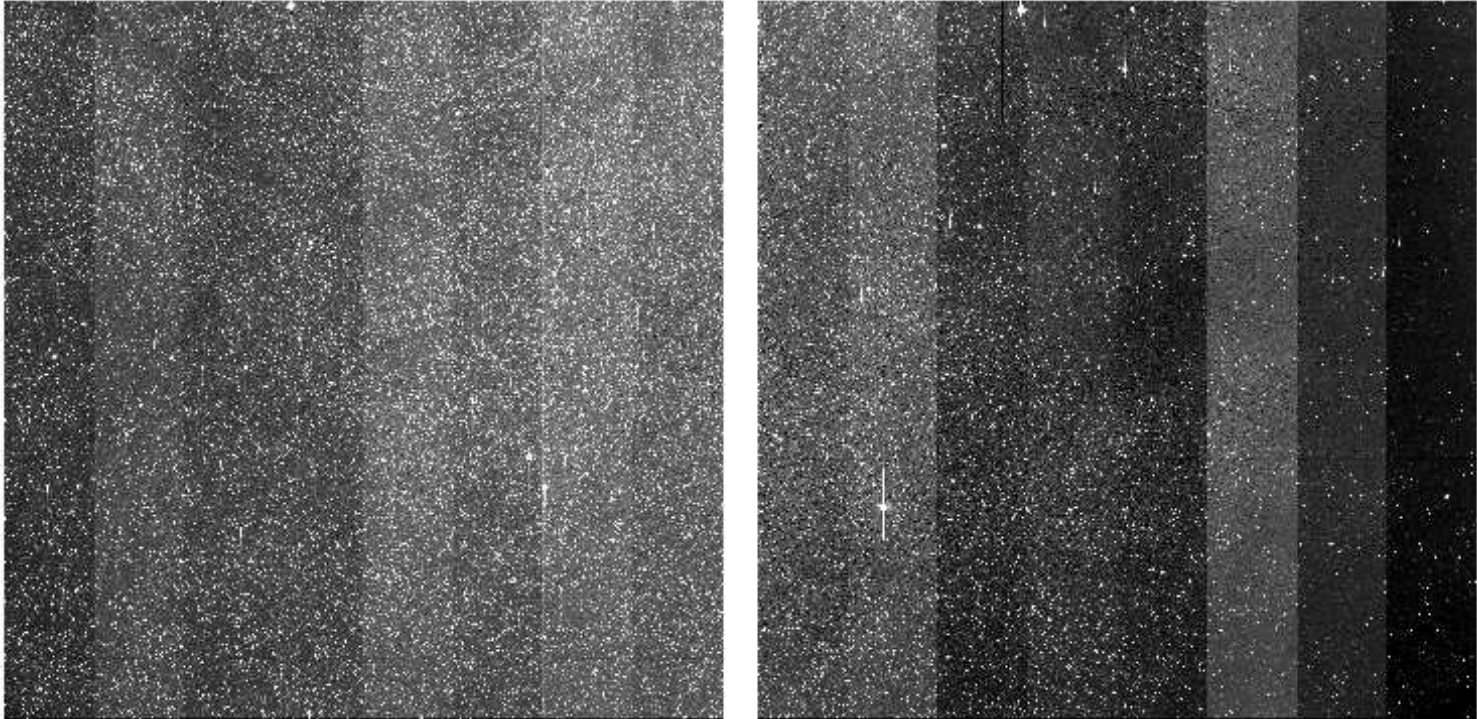
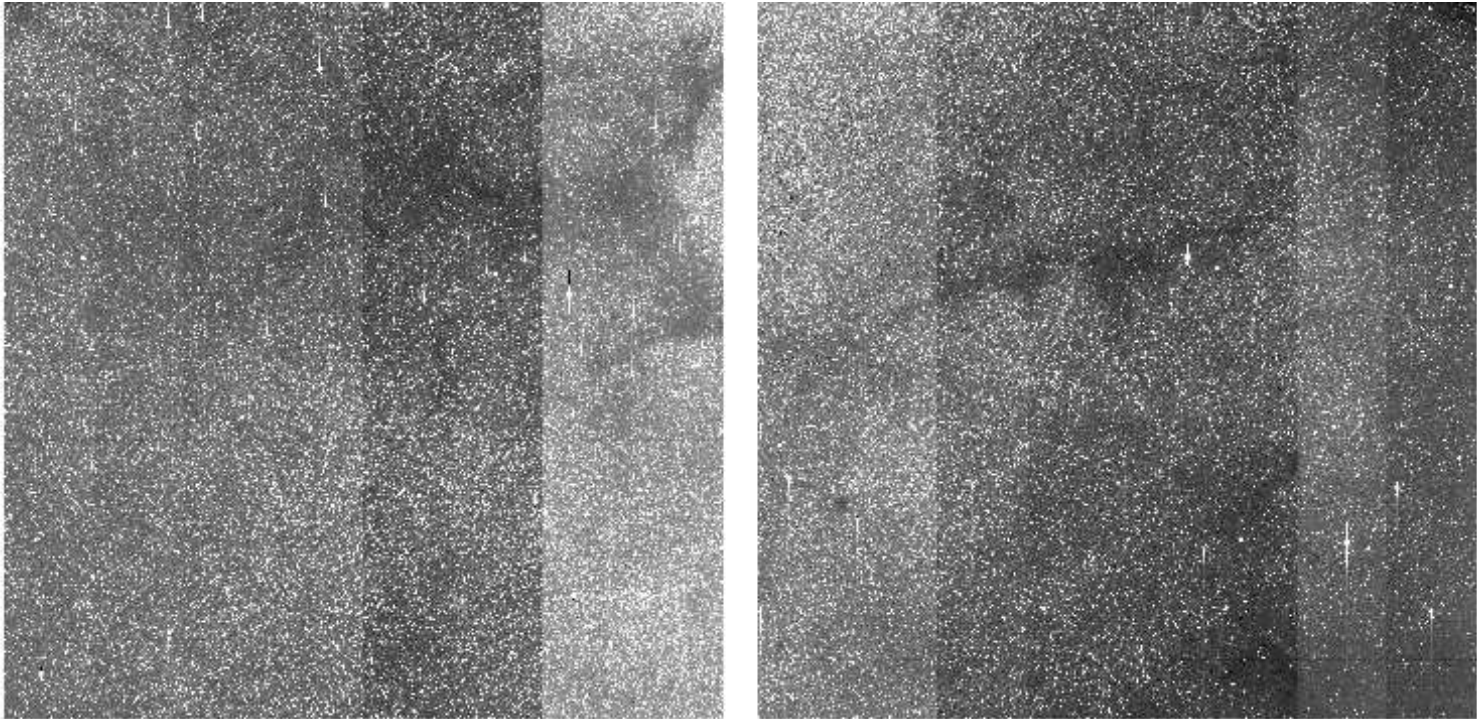
80.3

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0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmta.20260725.030062.fits

: BLG

: OBJECT

: BLG18

: 17:46:01.940

: -26:45:21.70

: 60

: 1.15

: 15:35:35

: I

: 2026-07-25T09:25:17

: -273.15

55 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

: 60.5

: 90.1

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: 3

: 0.7

Two side-by-side astronomical images showing a star field. The images exhibit vertical banding artifacts, likely due to the filter or sensor characteristics. The stars appear as bright points against a dark background.

Two side-by-side astronomical images showing a star field. The images exhibit vertical banding artifacts, likely due to the filter or sensor characteristics. The stars appear as bright points against a dark background.

A horizontal color calibration bar with numerical labels. The labels are: 38, 8440, 8641, 8844, 9045, 9248, 9450, 9651, 9854, 10055, 10256. The bar shows a gradient from dark to light, with a small white square at the far right.

File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030063.fits

BLG

OBJECT

BLG42

17:54:09.120

-29:09:22.10

60

1.16

15:37:44

I

2026-07-25T09:27:13

-273.15

56 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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59.8

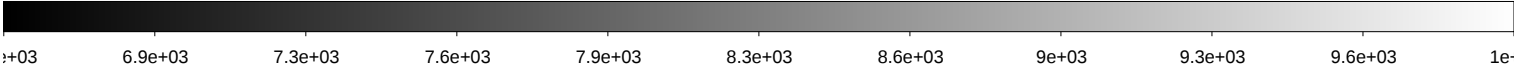
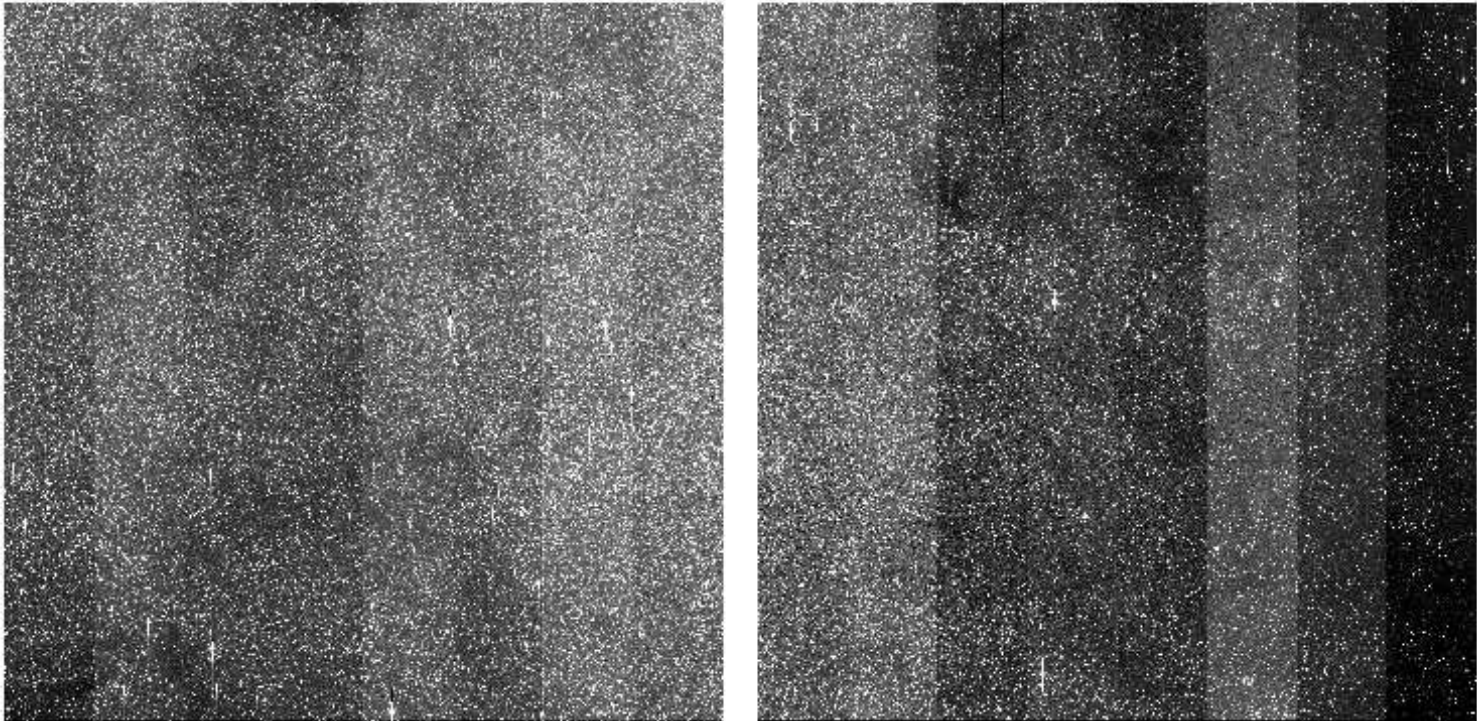
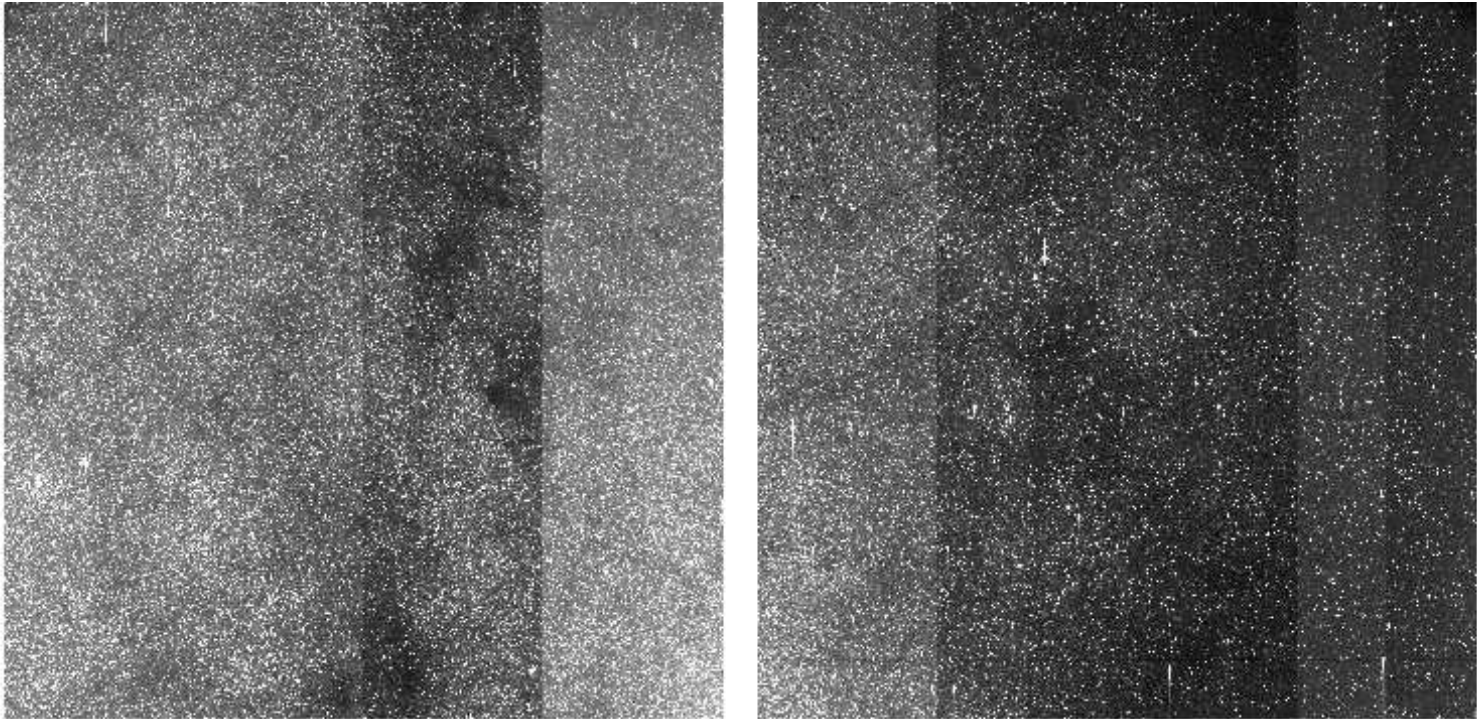
84.8

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0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmta.20260725.030064.fits

: BLG

: OBJECT

: BLG43

: 18:01:45.160

: -28:04:23.00

: 60

: 1.17

: 15:39:42

: I

: 2026-07-25T09:29:23

: -273.15

57 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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58.3

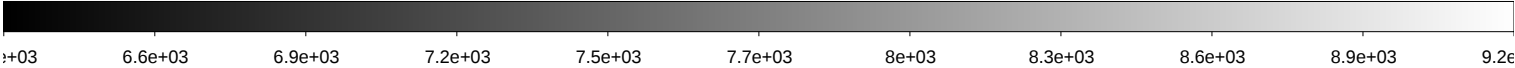
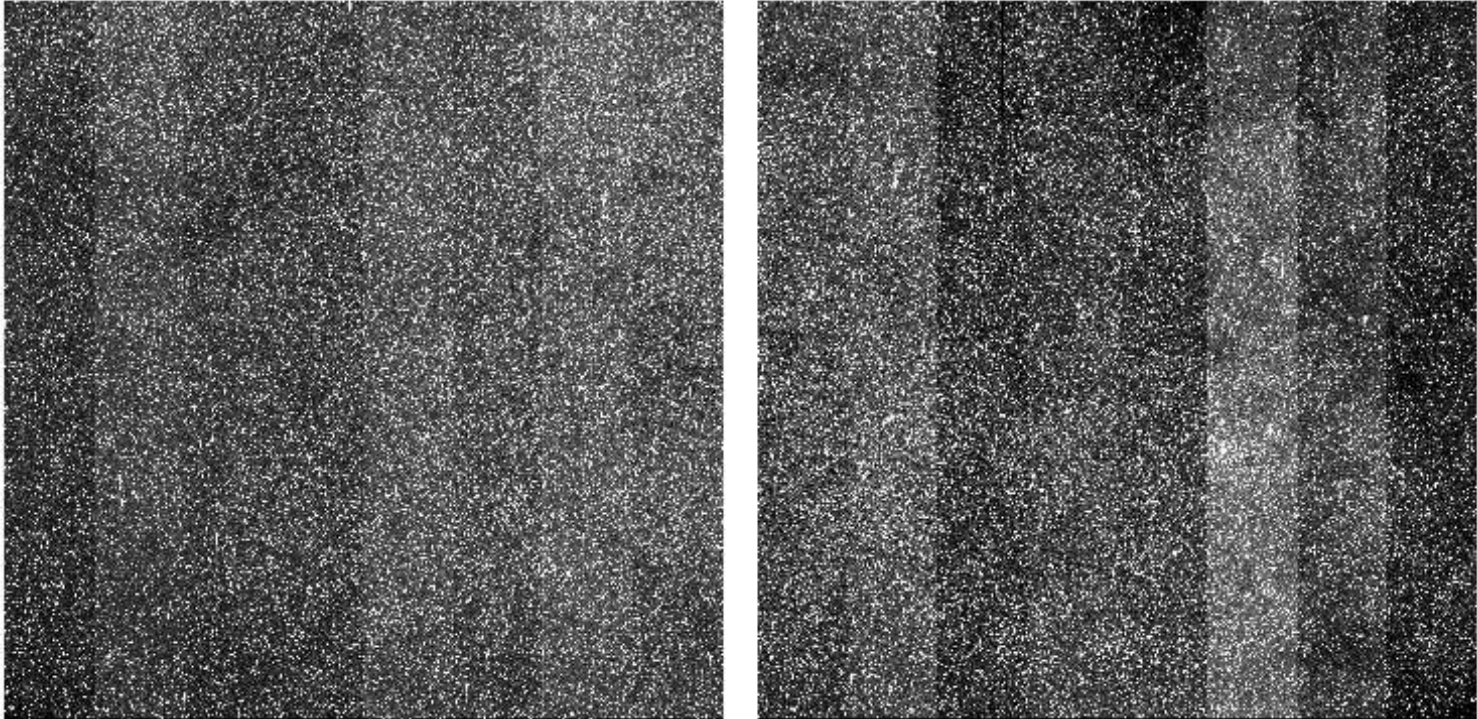
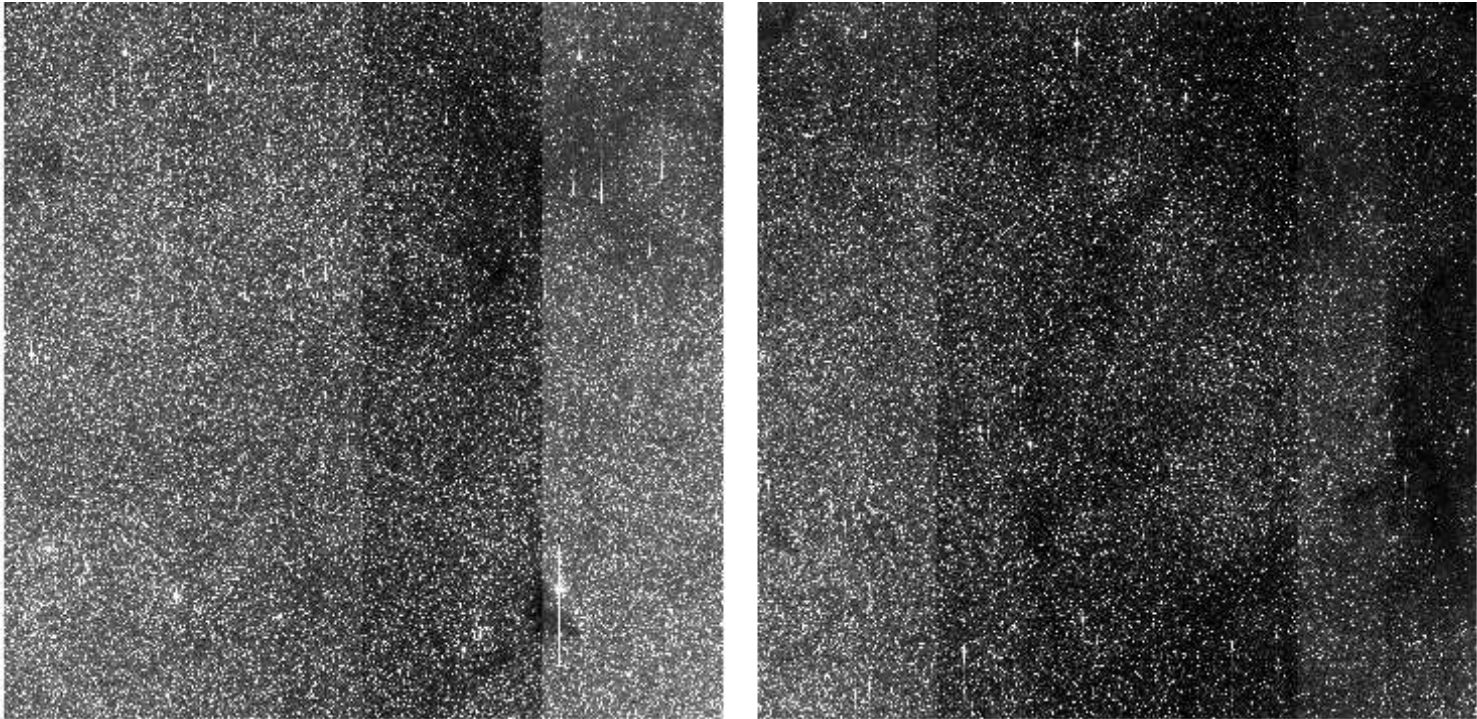
86.2

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0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmta.20260725.030065.fits

: BLG

: OBJECT

: BLG15

: 17:36:52.020

: -26:47:22.70

: 60

: 1.11

: 15:41:52

: I

: 2026-07-25T09:31:33

: -273.15

58 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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63.8

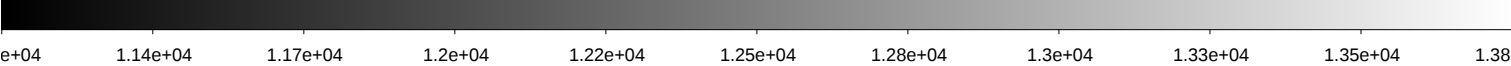
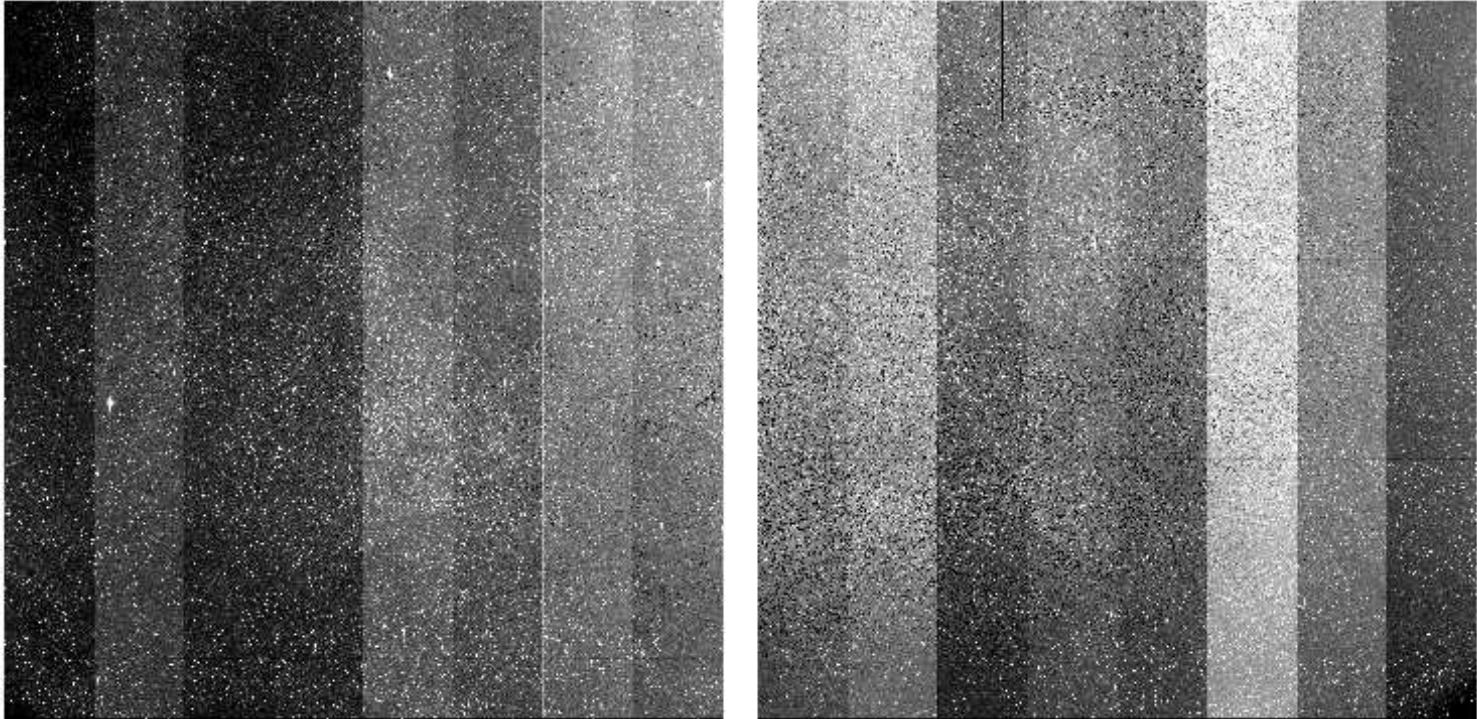
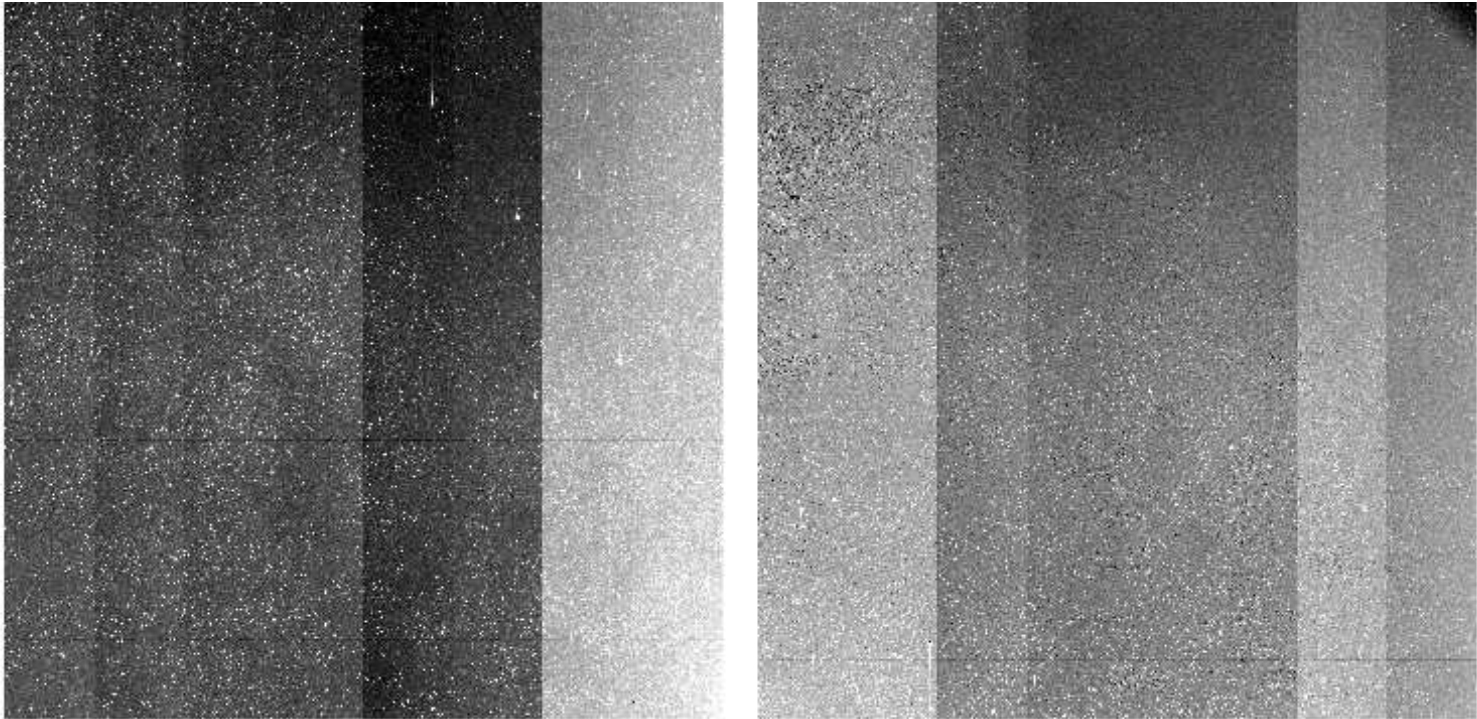
92.1

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1.0



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030066.fits

BLG

OBJECT

BLG14

17:36:52.050

-28:54:21.70

60

1.11

15:44:02

I

2026-07-25T09:33:42

-273.15

59 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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64.8

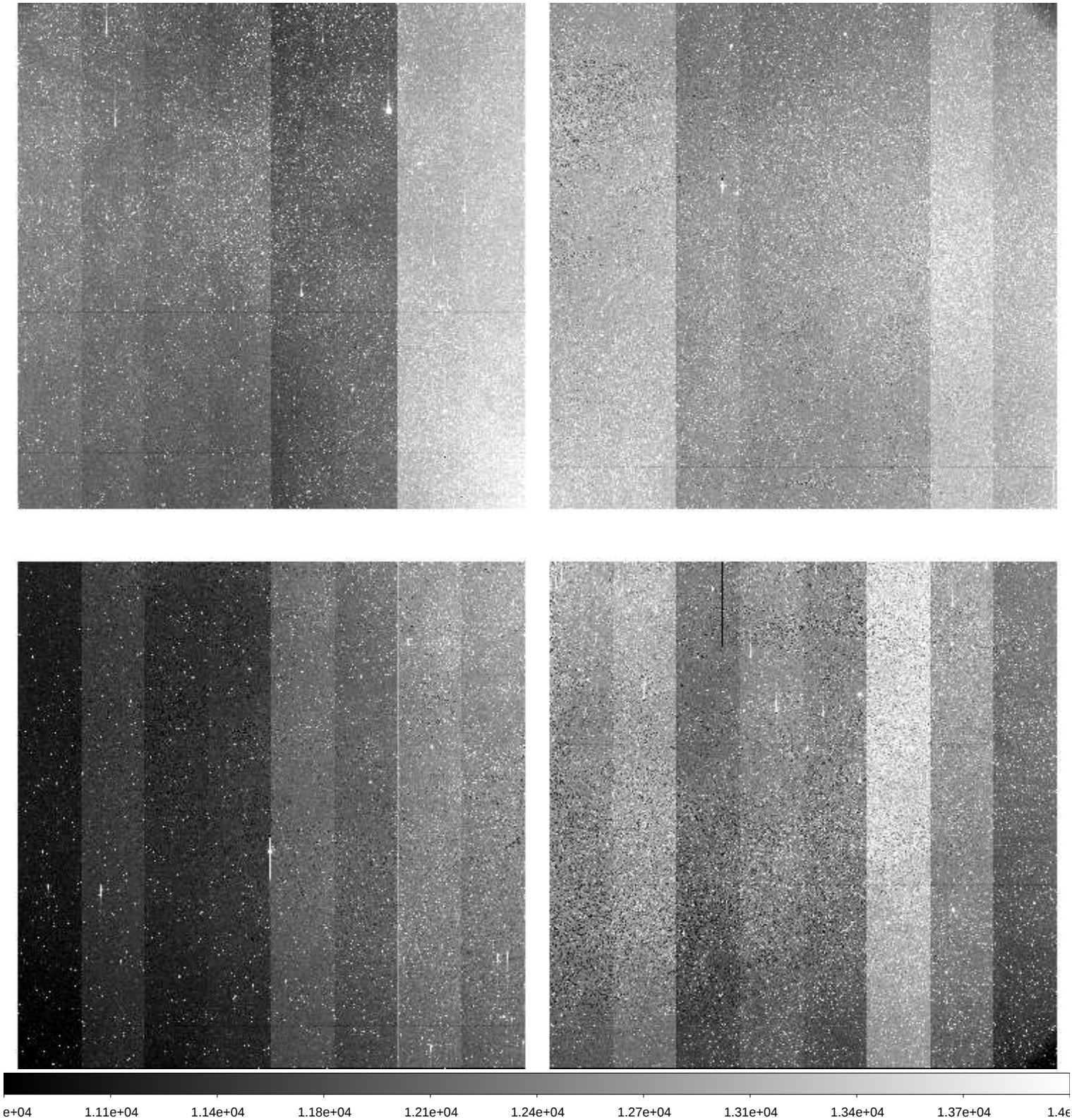
87.7

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1.0



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030067.fits

BLG

OBJECT

BLG02

17:54:25.940

-29:01:51.50

60

1.14

15:46:11

I

2026-07-25T09:35:51

-273.15

60 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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61.5

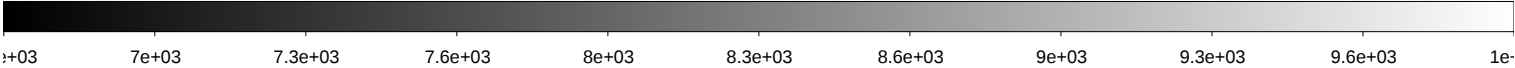
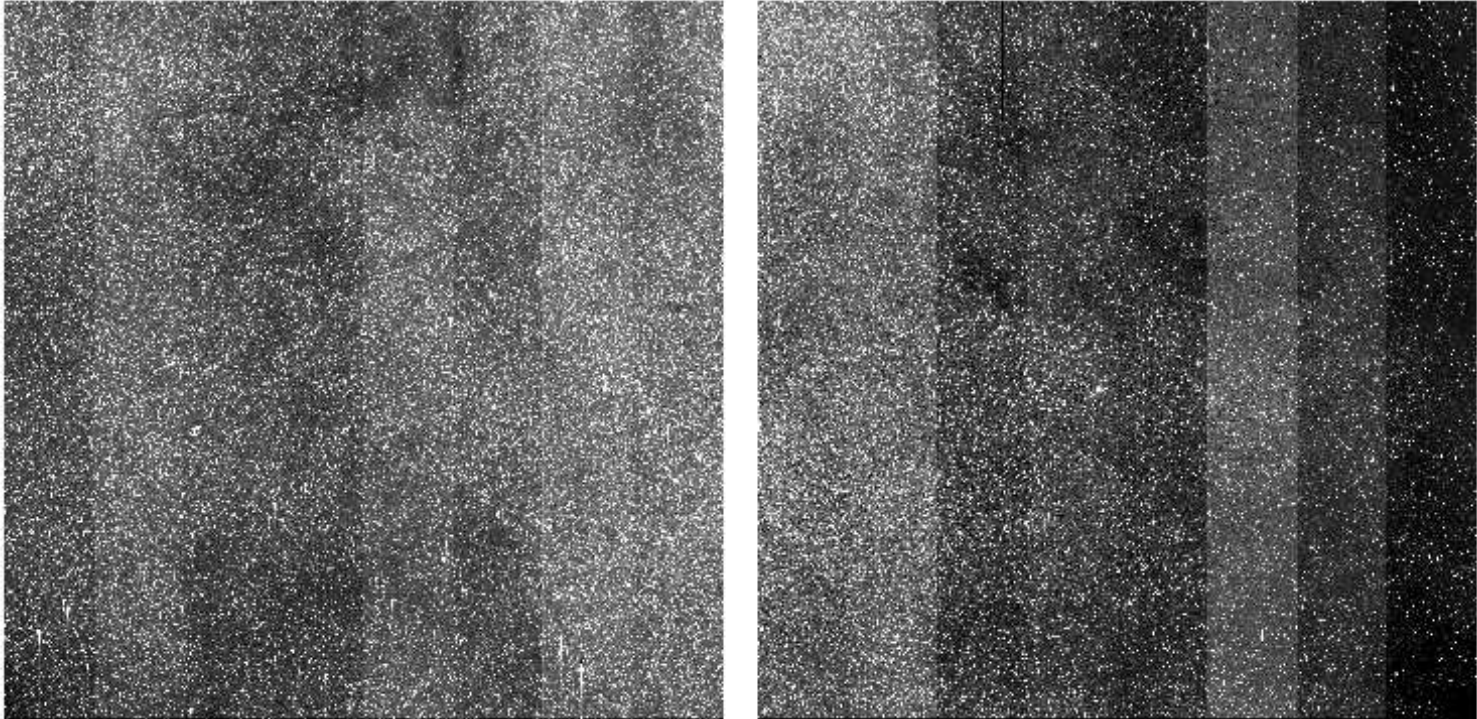
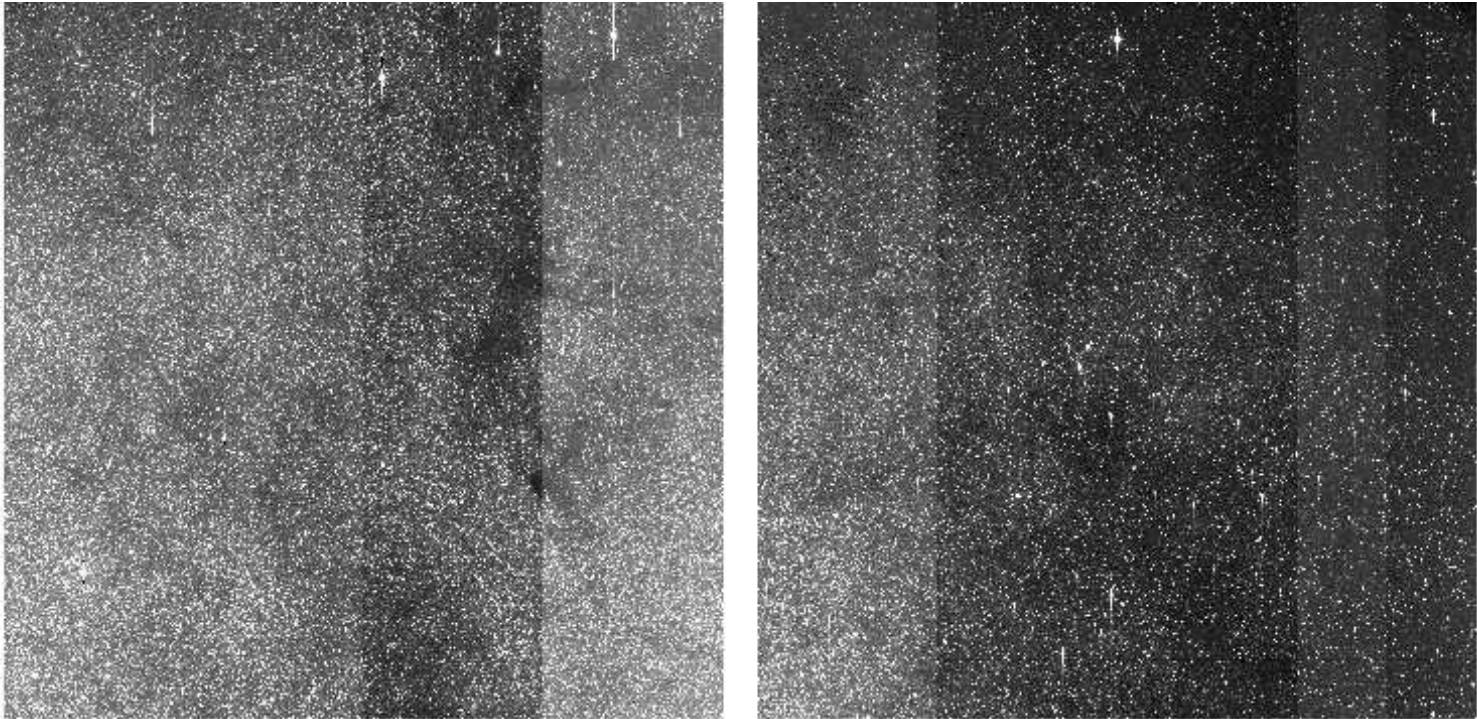
85.8

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0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030068.fits

BLG

OBJECT

BLG03

18:02:02.040

-27:56:51.90

60

1.15

15:48:20

I

2026-07-25T09:38:00

-273.15

61 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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60.1

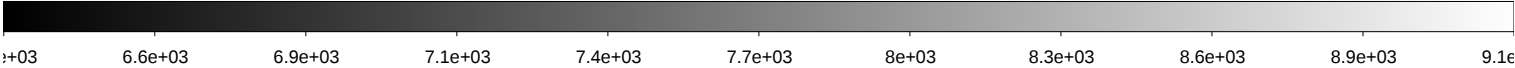
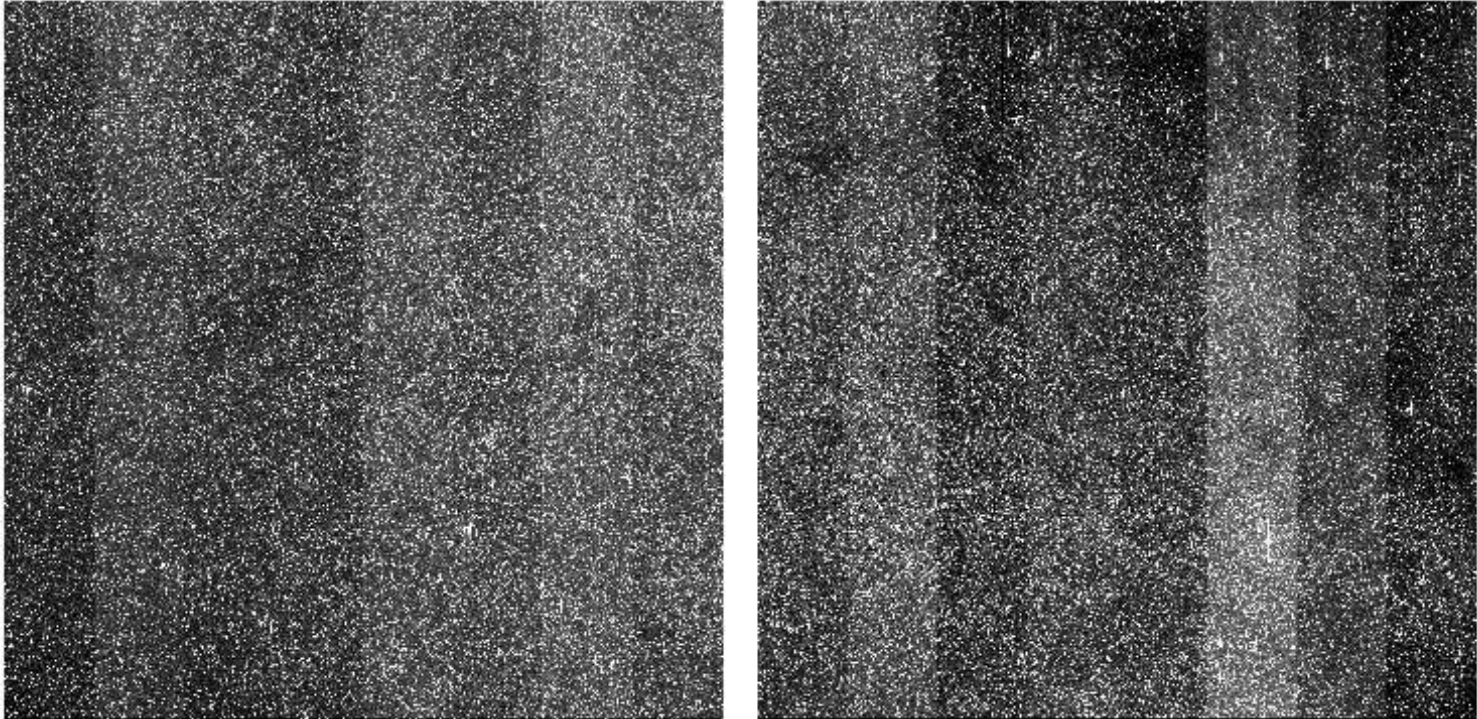
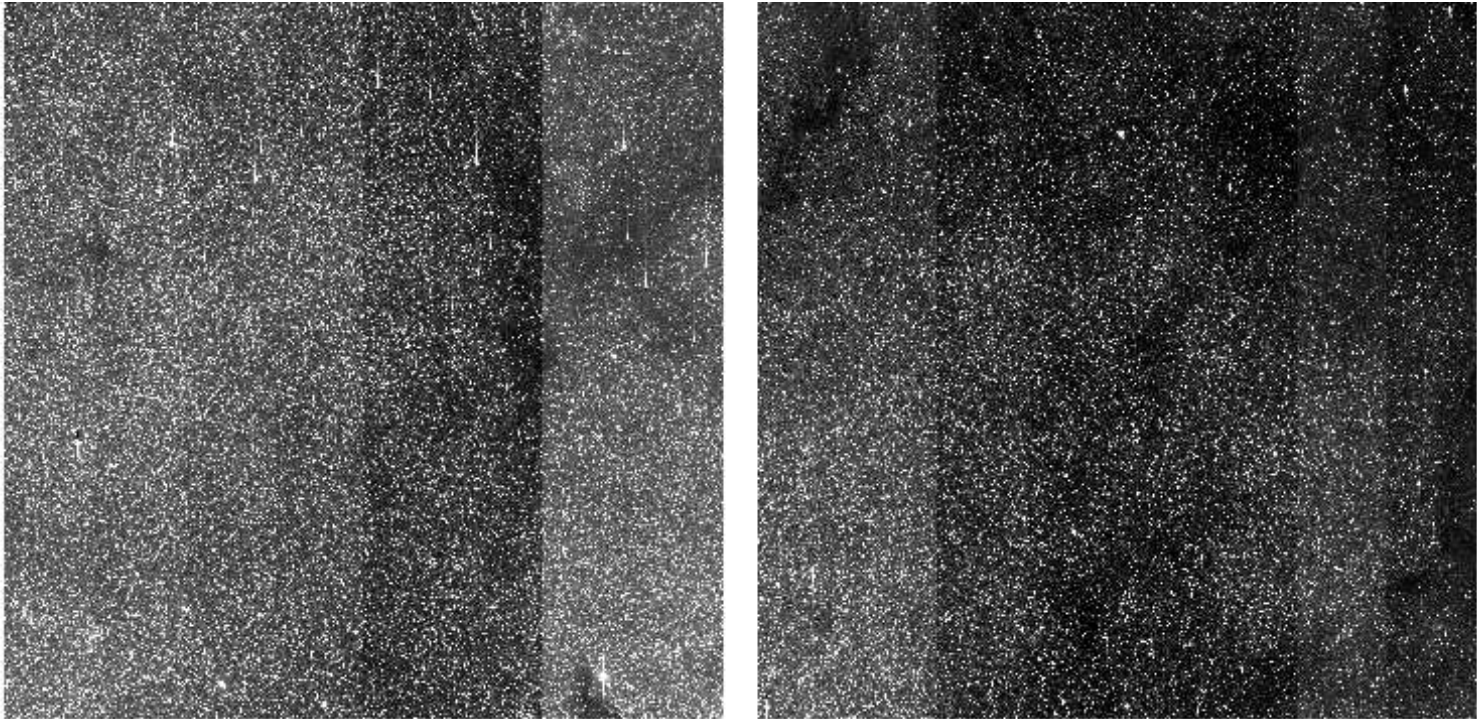
87.4

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3

0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

: kmta.20260725.030069.fits

: BLG

: OBJECT

: BLG01

: 17:54:26.020

: -31:08:22.40

: 60

: 1.12

: 15:50:30

: I

: 2026-07-25T09:39:57

: -273.15

62 / 80

ALT: 62.8

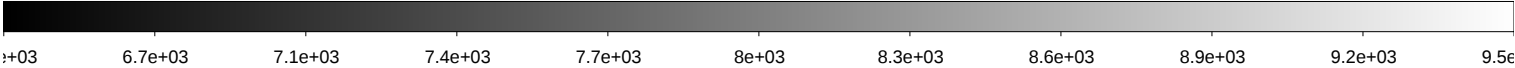
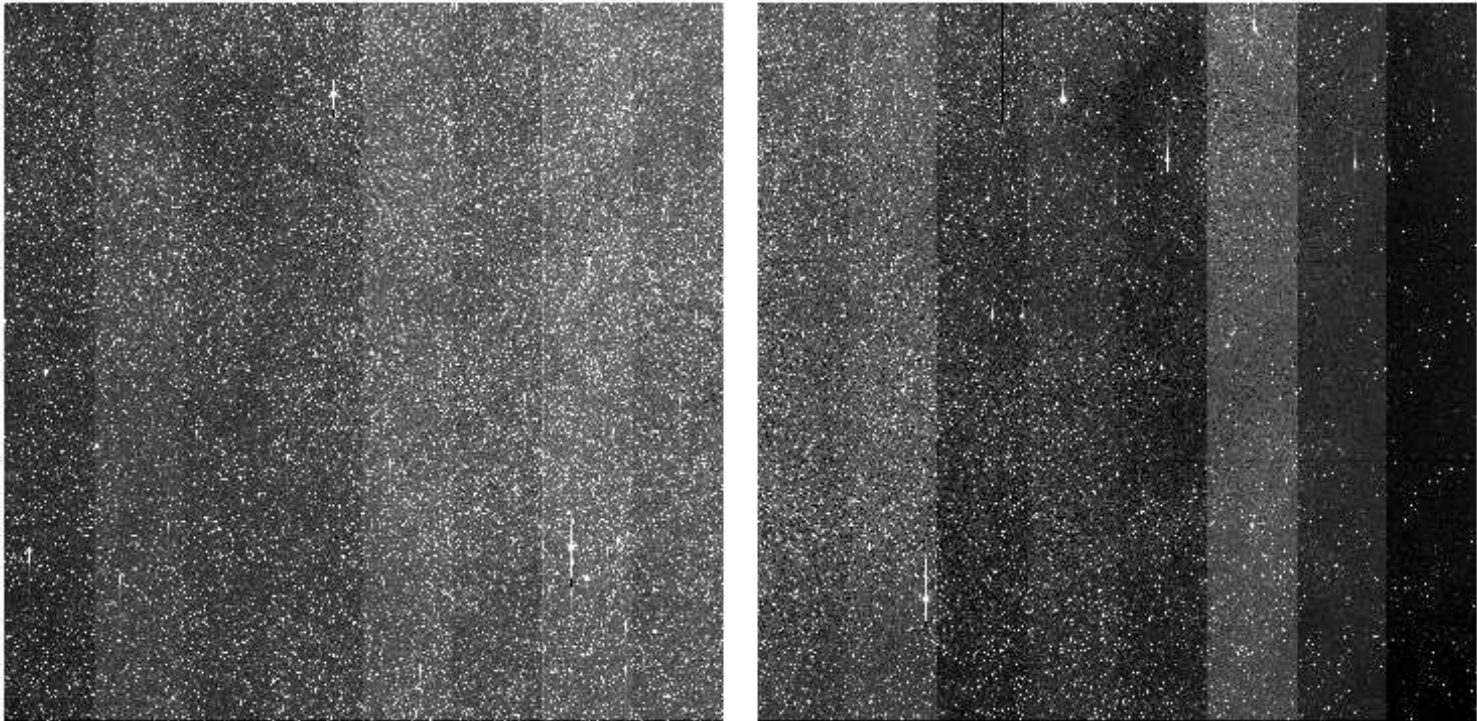
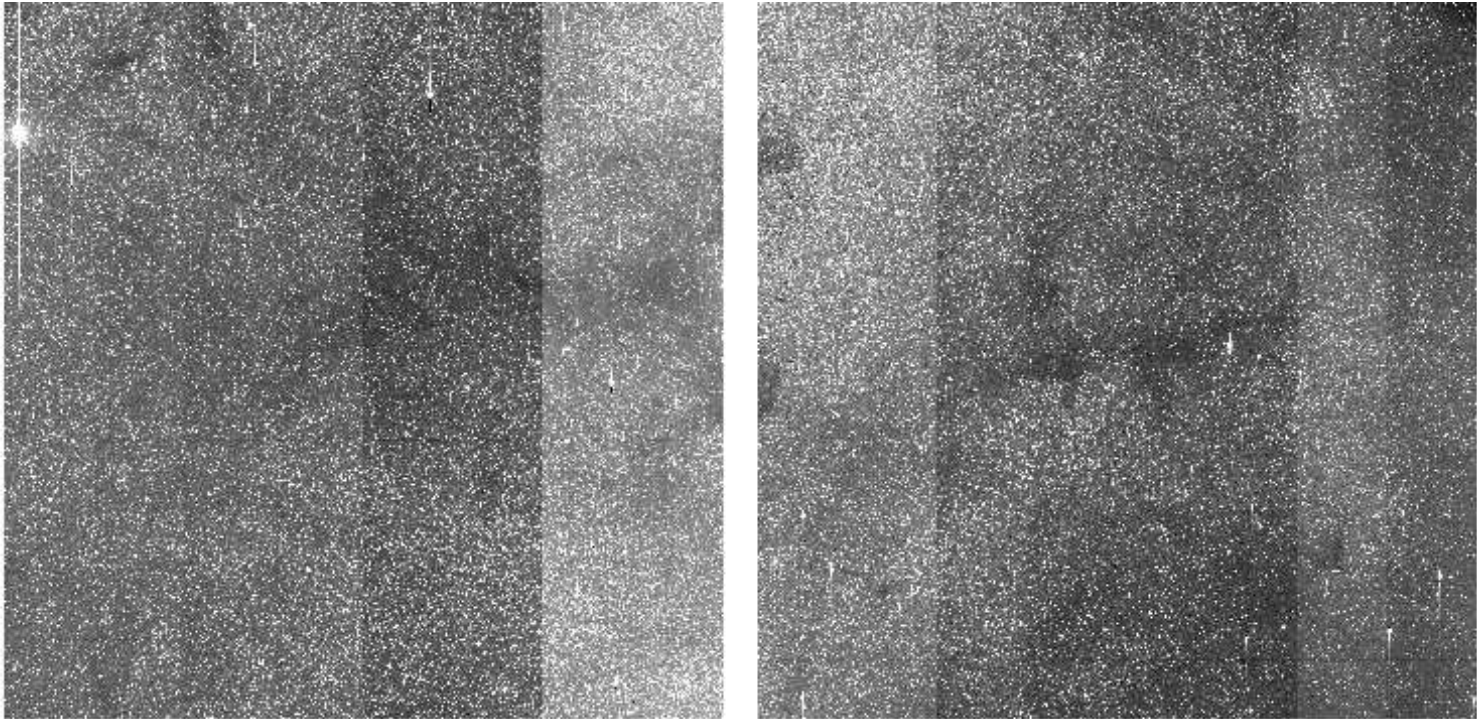
AZ: 81.7

Image Issue: —

CHIP: —

Weather: 3

Moon Effect: 0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030070.fits

BLG

OBJECT

BLG19

17:46:01.990

-24:40:21.80

60

1.12

15:52:27

I

2026-07-25T09:42:06

-273.15

63 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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63.4

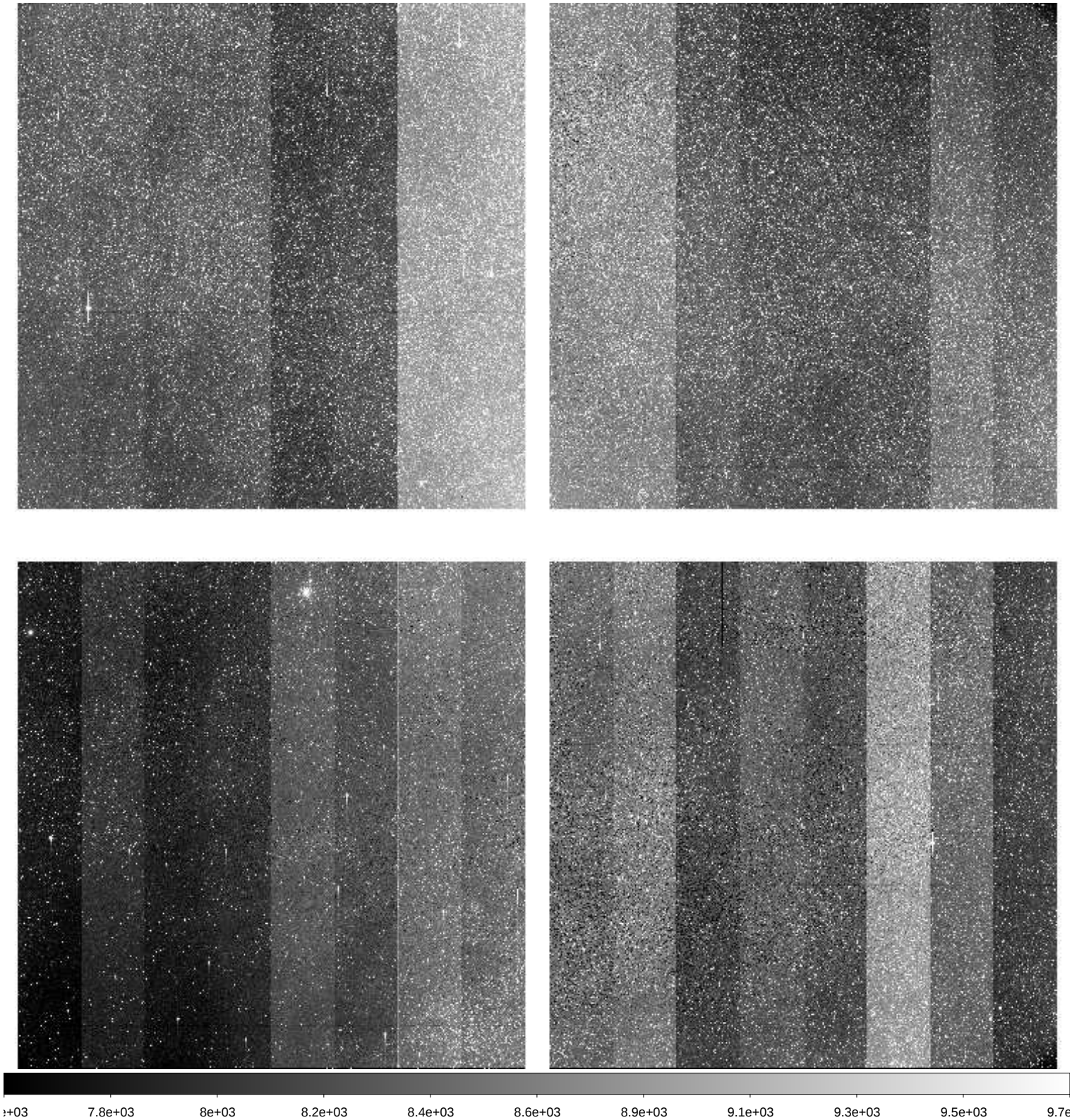
96.9

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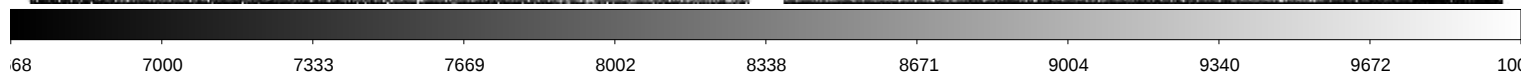
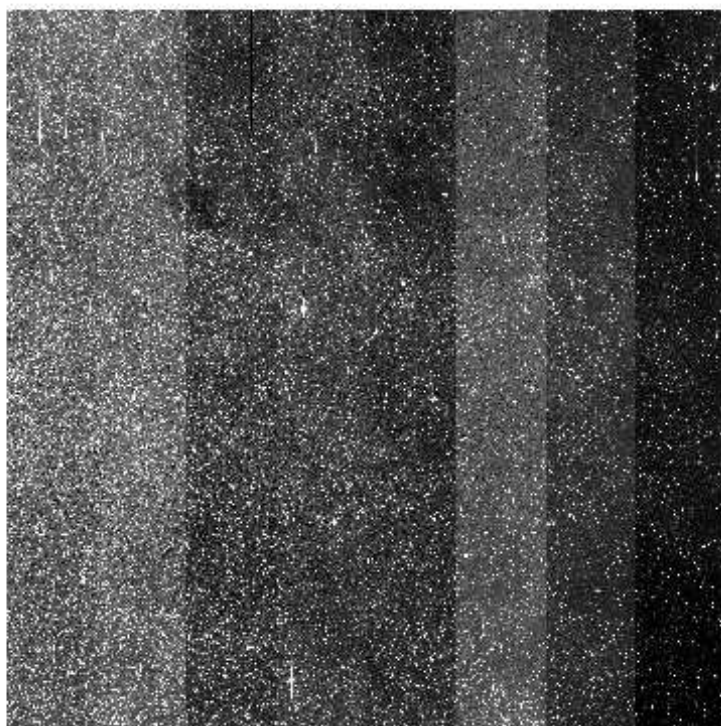
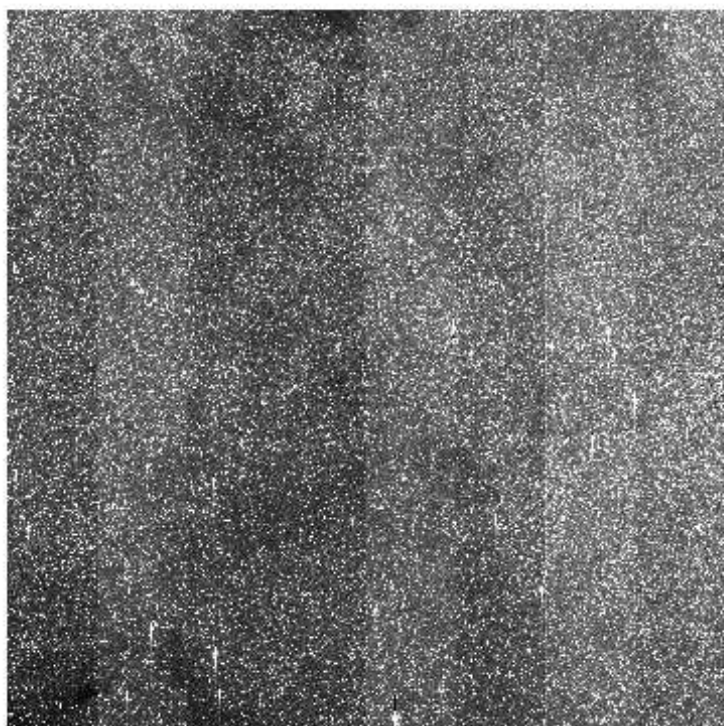
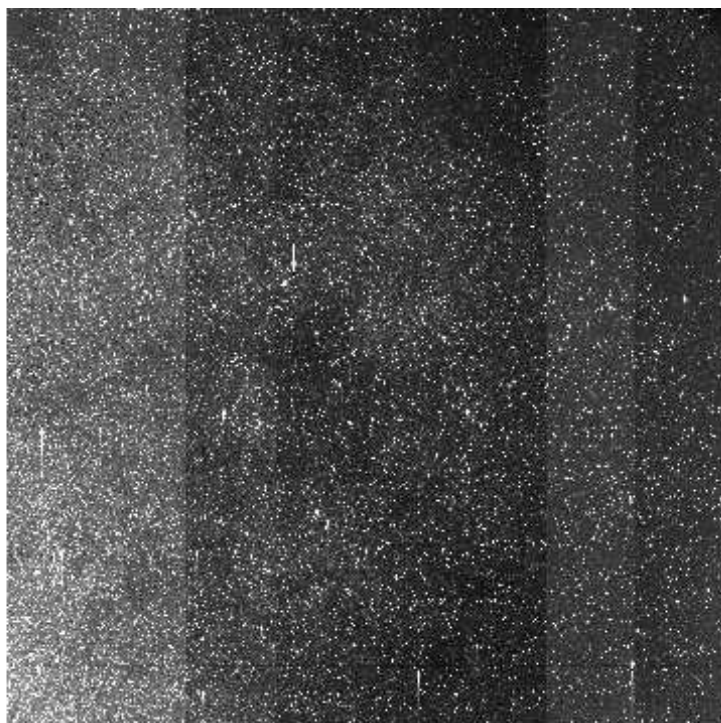
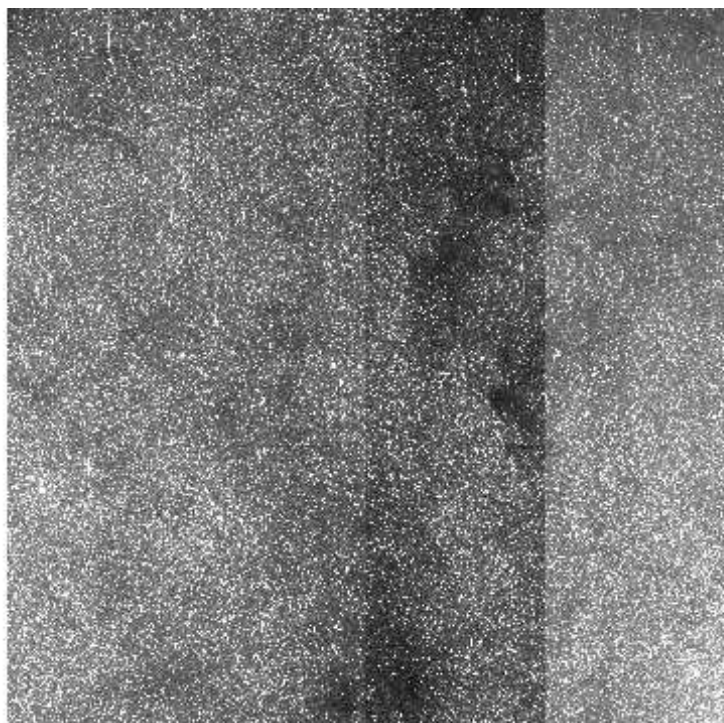
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0.6



File Name	:	km.ta.20260725.030071.fits	# 64 / 80 #
Project ID	:	BLG	
Image Type	:	OBJECT	
Object Name	:	BLG42	
RA	:	17:54:09.040	
DEC	:	-29:09:22.80	
Exposure Time	:	60	ALT
Airmass	:	1.12	AZ
Sidereal Time	:	15:54:36	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-07-25T09:44:15	Weather
CCD Temperature	:	-273.15	Moon Effect



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030072.fits

BLG

OBJECT

BLG43

18:01:44.960

-28:04:22.10

60

1.13

15:56:46

I

2026-07-25T09:46:25

-273.15

65 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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62.0

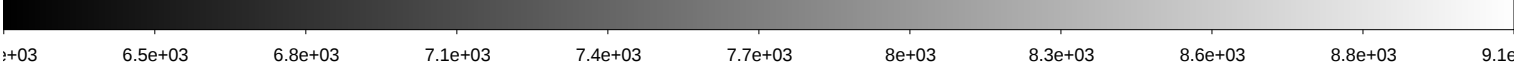
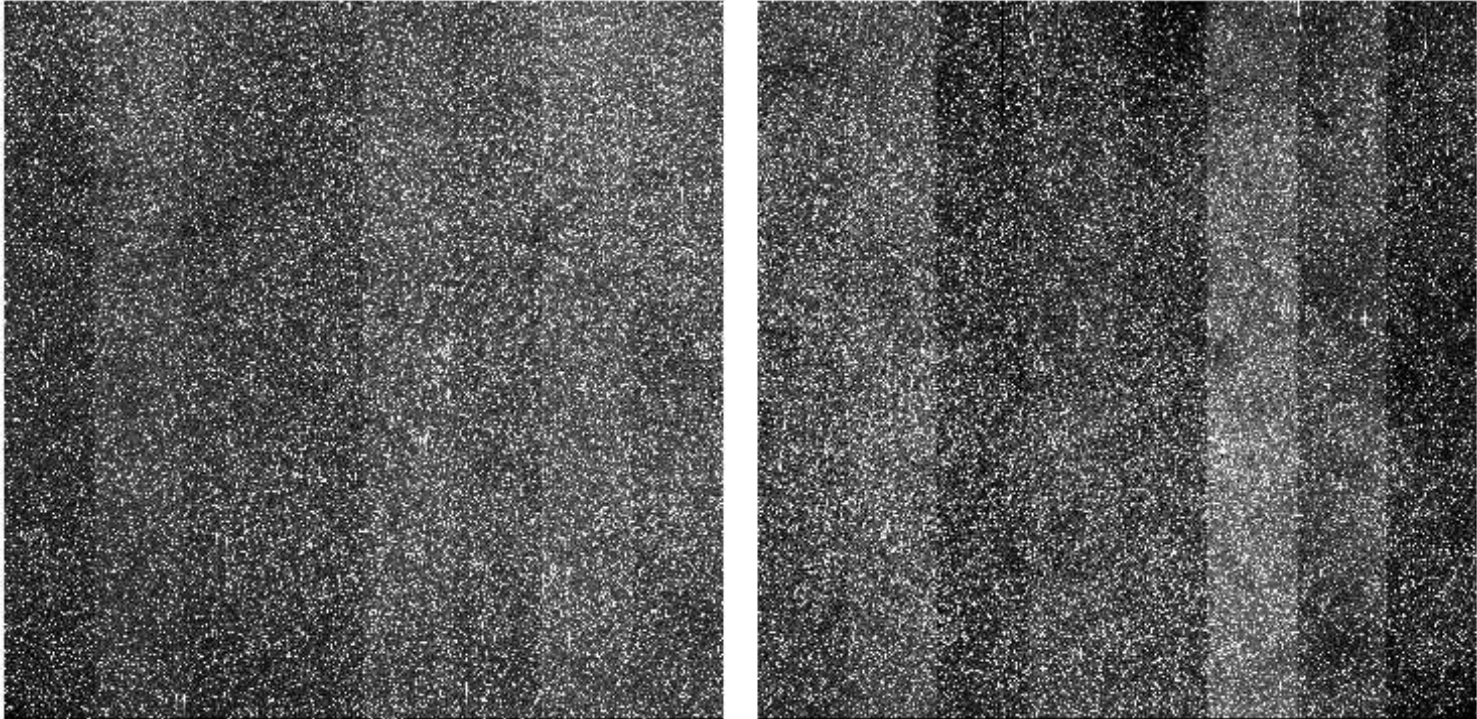
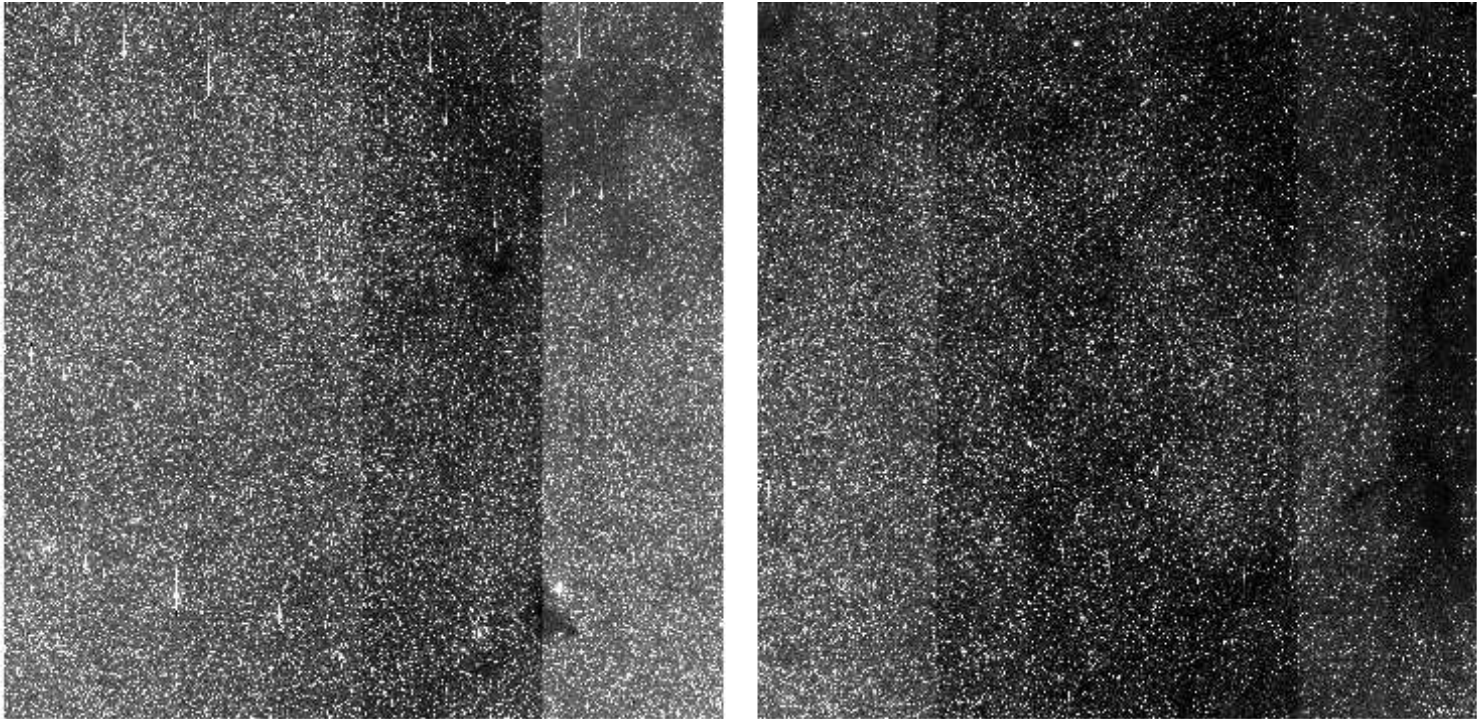
88.1

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3

0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030073.fits

BLG

OBJECT

BLG35

18:04:24.920

-25:50:21.90

60

1.14

15:58:56

I

2026-07-25T09:48:22

-273.15

66 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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61.3

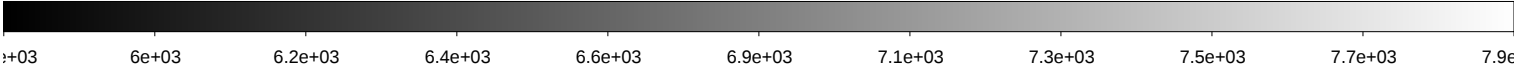
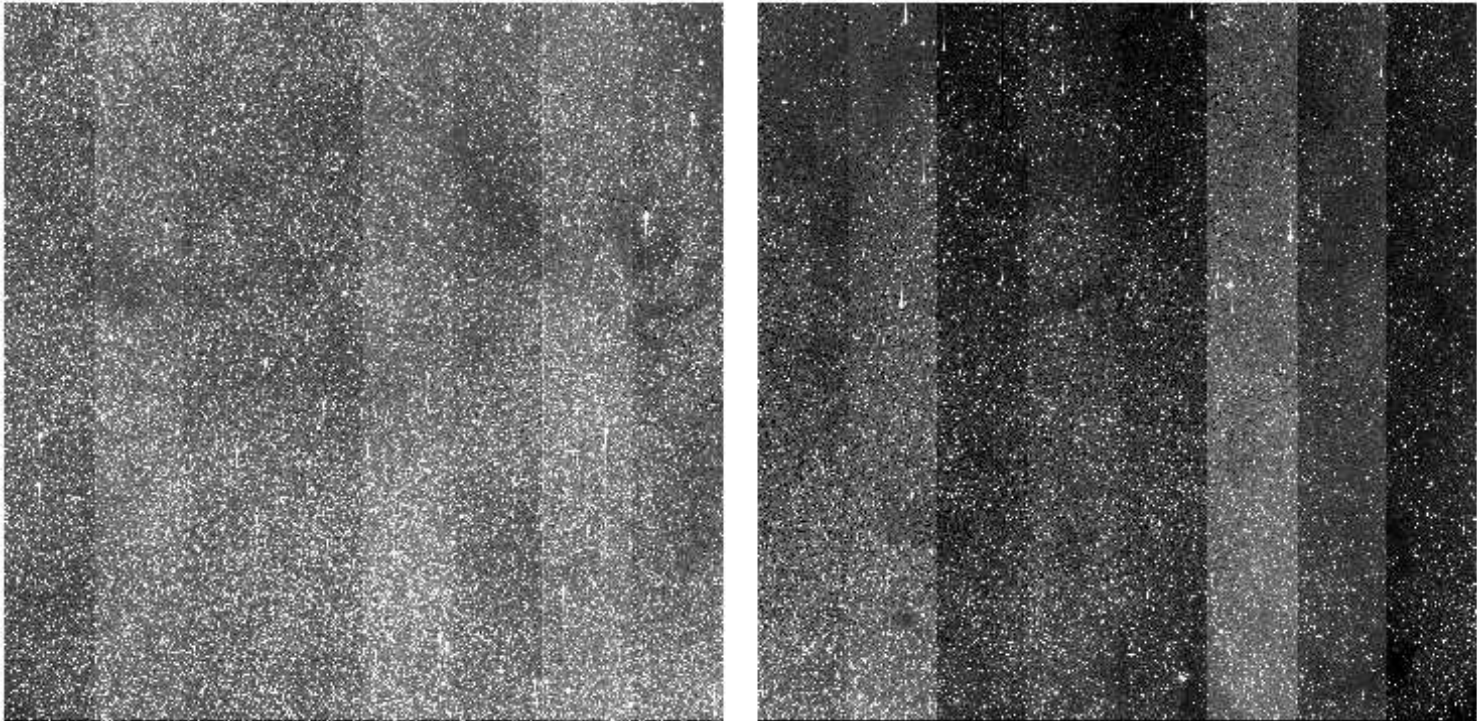
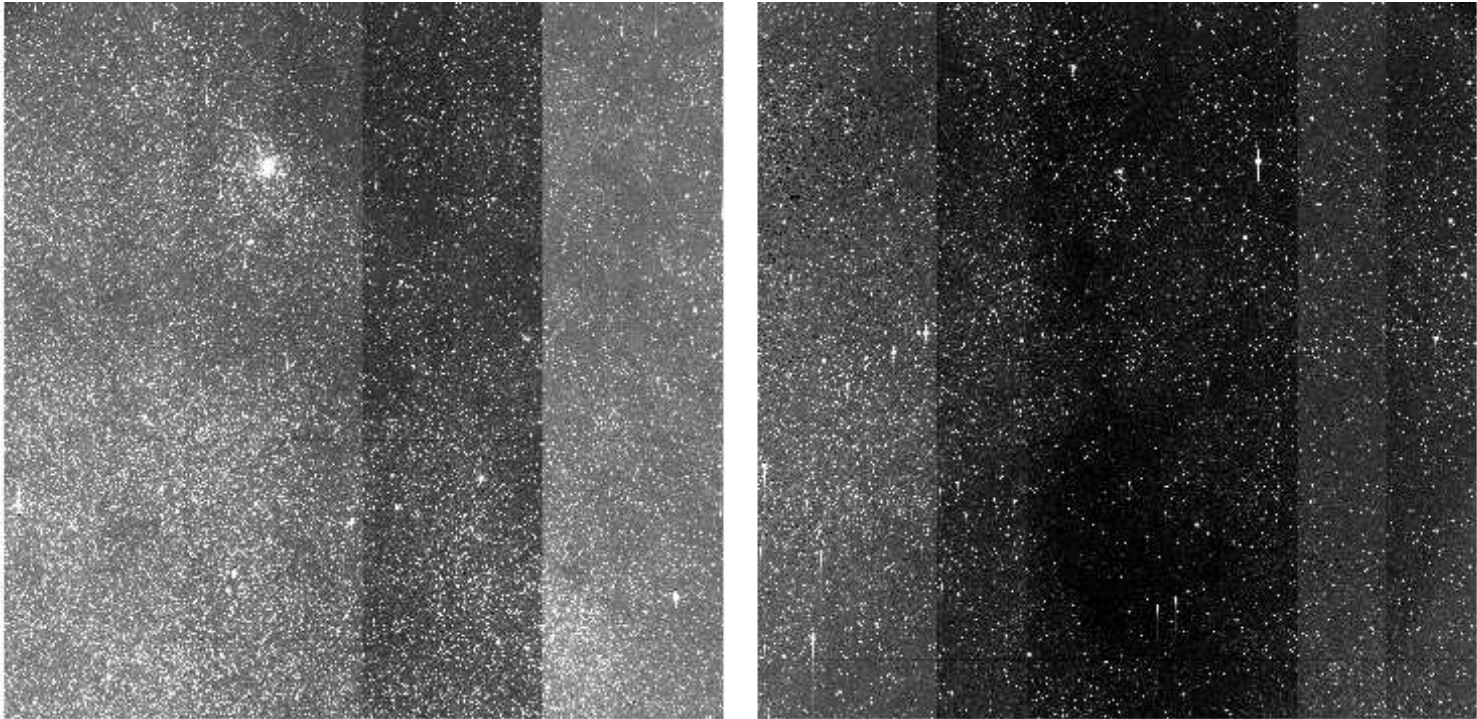
92.6

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3

0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030074.fits

BLG

OBJECT

BLG31

18:13:33.970

-25:50:21.90

60

1.16

16:00:52

I

2026-07-25T09:50:31

-273.15

67 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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59.7

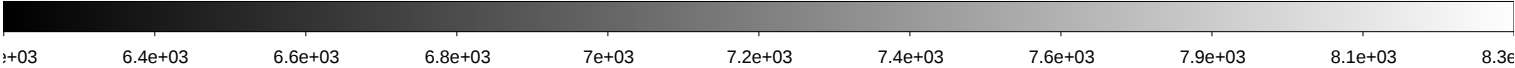
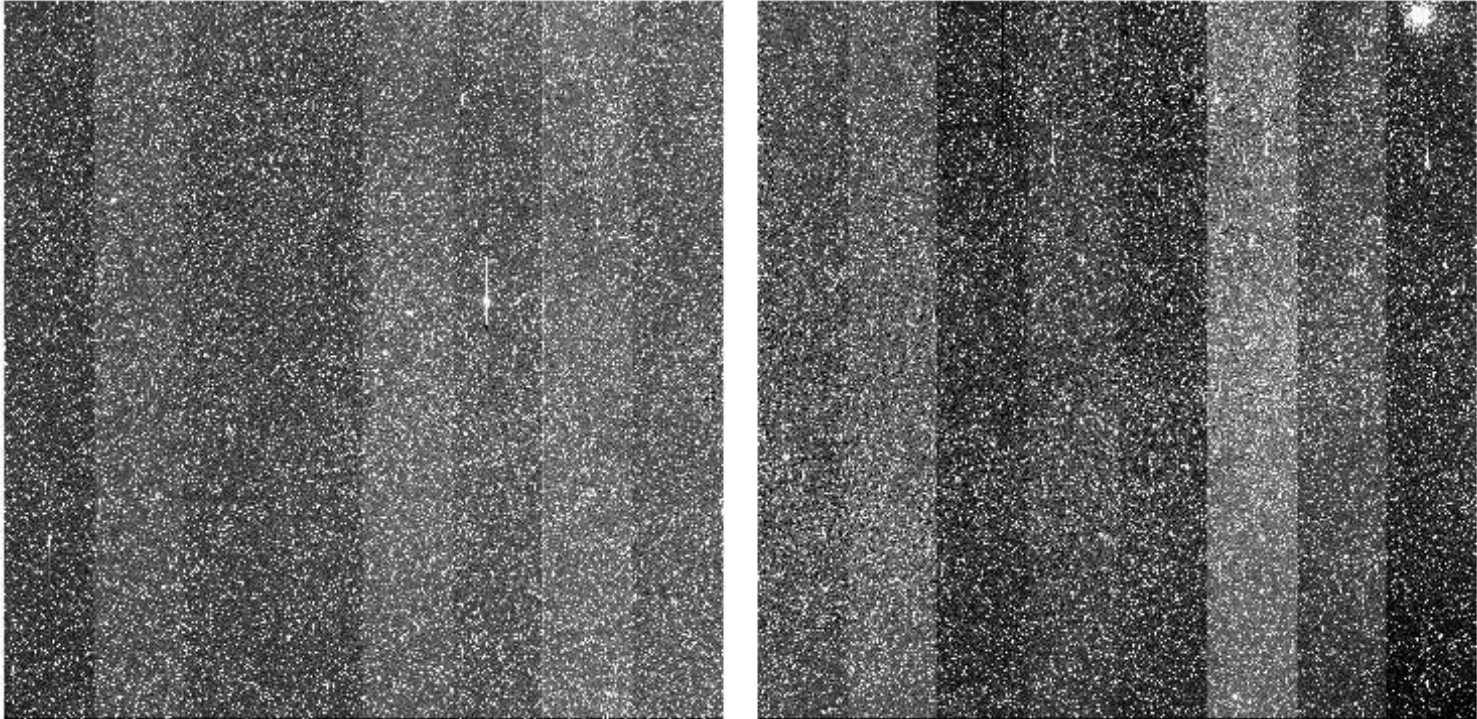
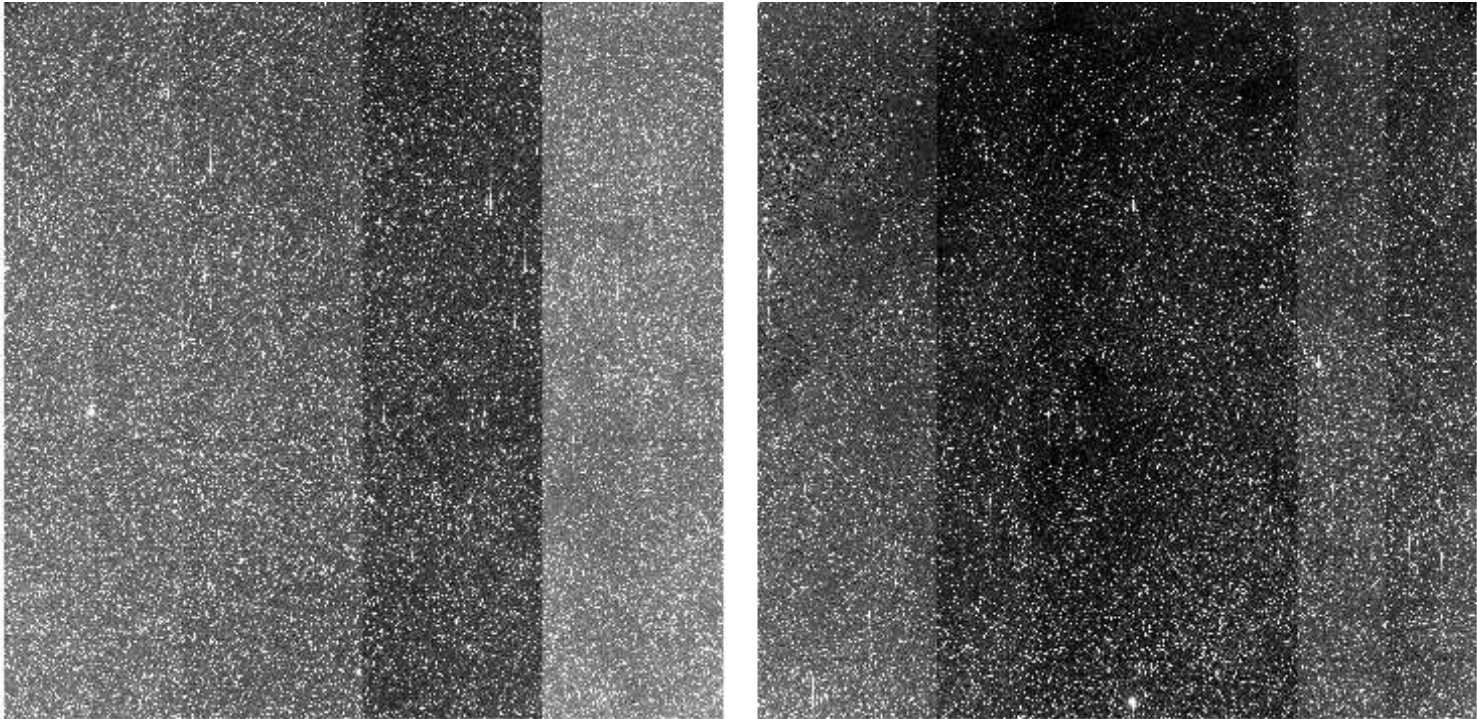
91.6

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3

0.3



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030075.fits

BLG

OBJECT

BLG02

17:54:26.050

-29:01:51.00

60

1.10

16:03:02

I

2026-07-25T09:52:39

-273.15

68 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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65.1

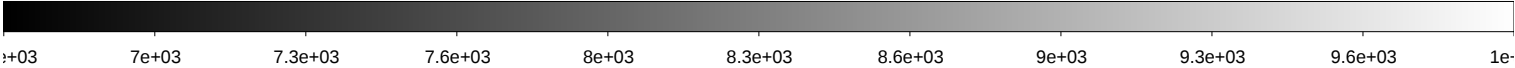
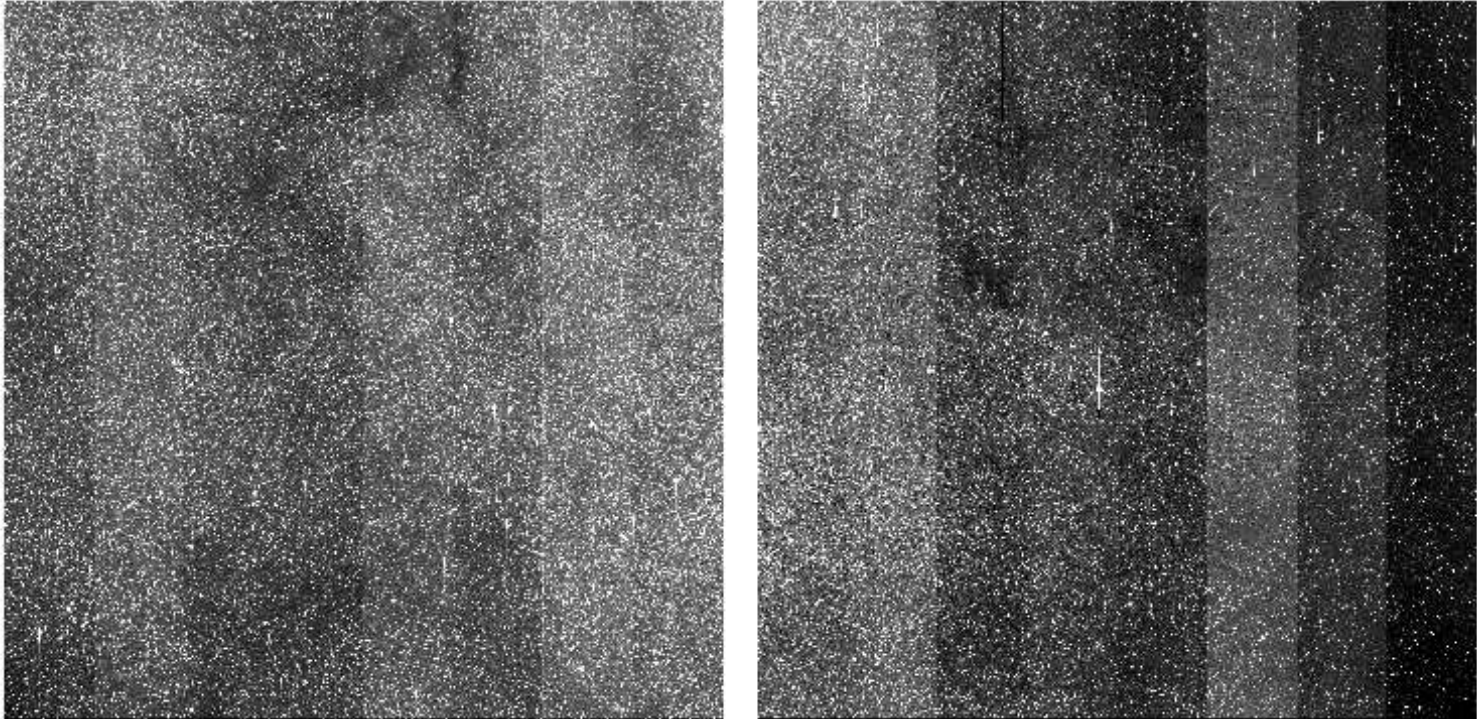
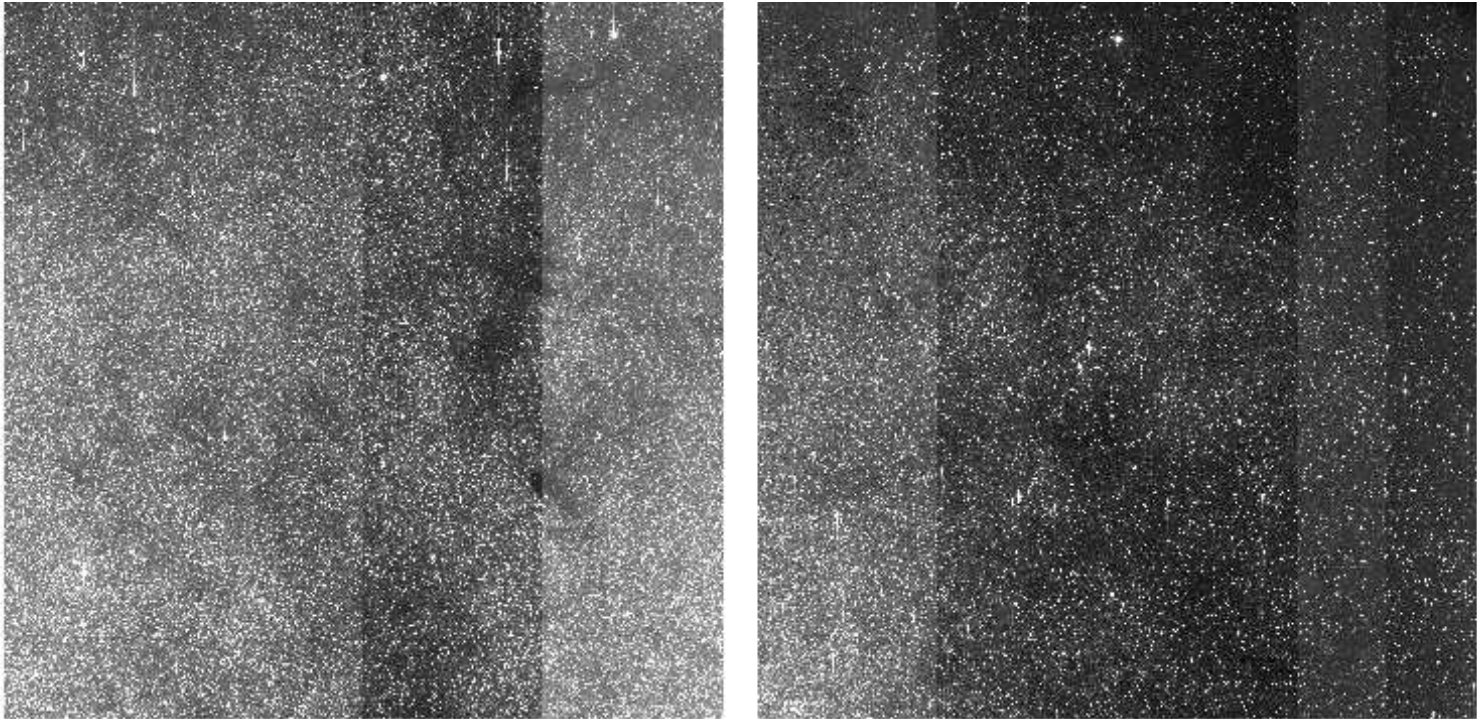
87.6

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0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030076.fits

BLG

OBJECT

BLG03

18:02:02.050

-27:56:53.30

60

1.12

16:05:13

I

2026-07-25T09:54:37

-273.15

69 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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63.7

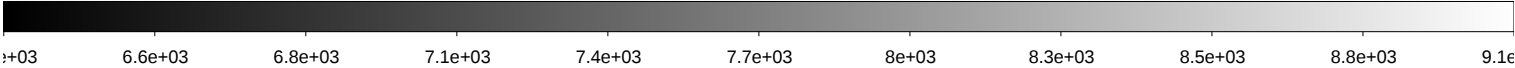
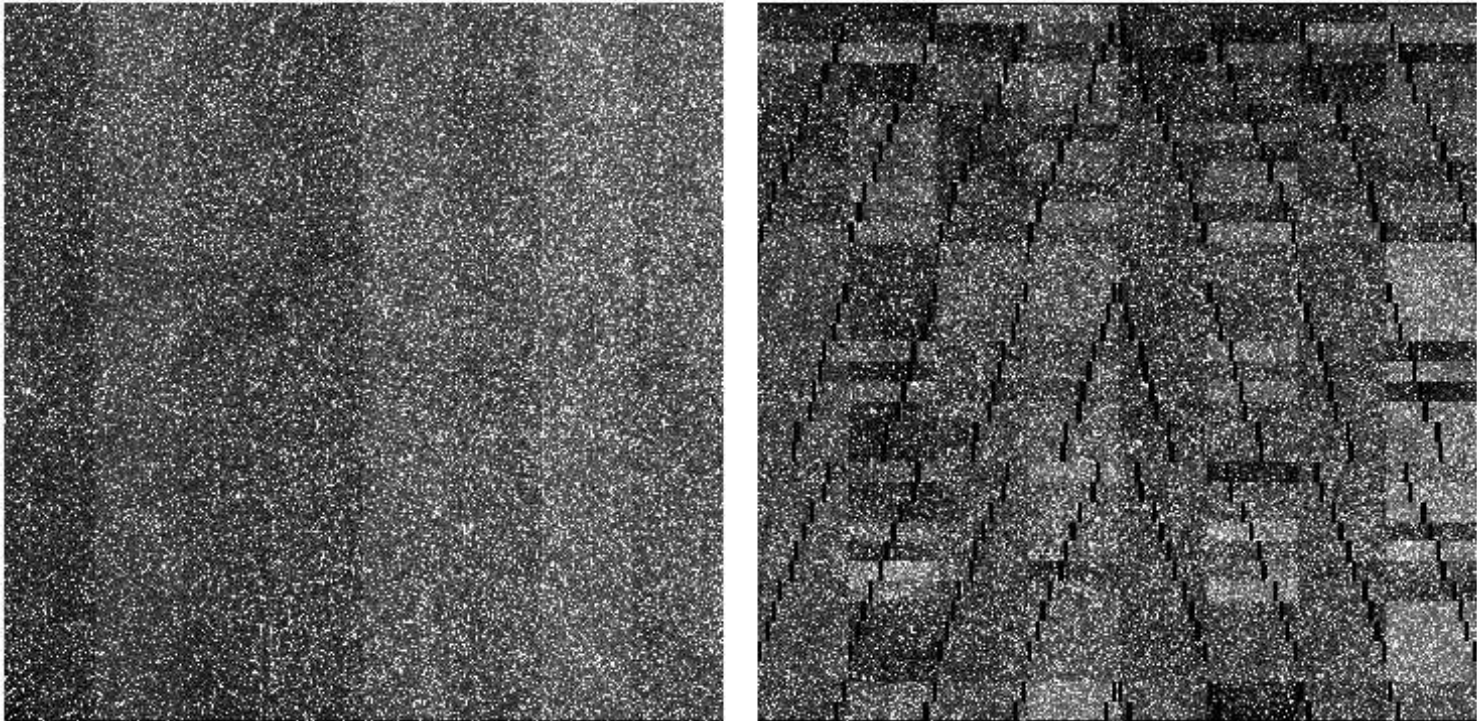
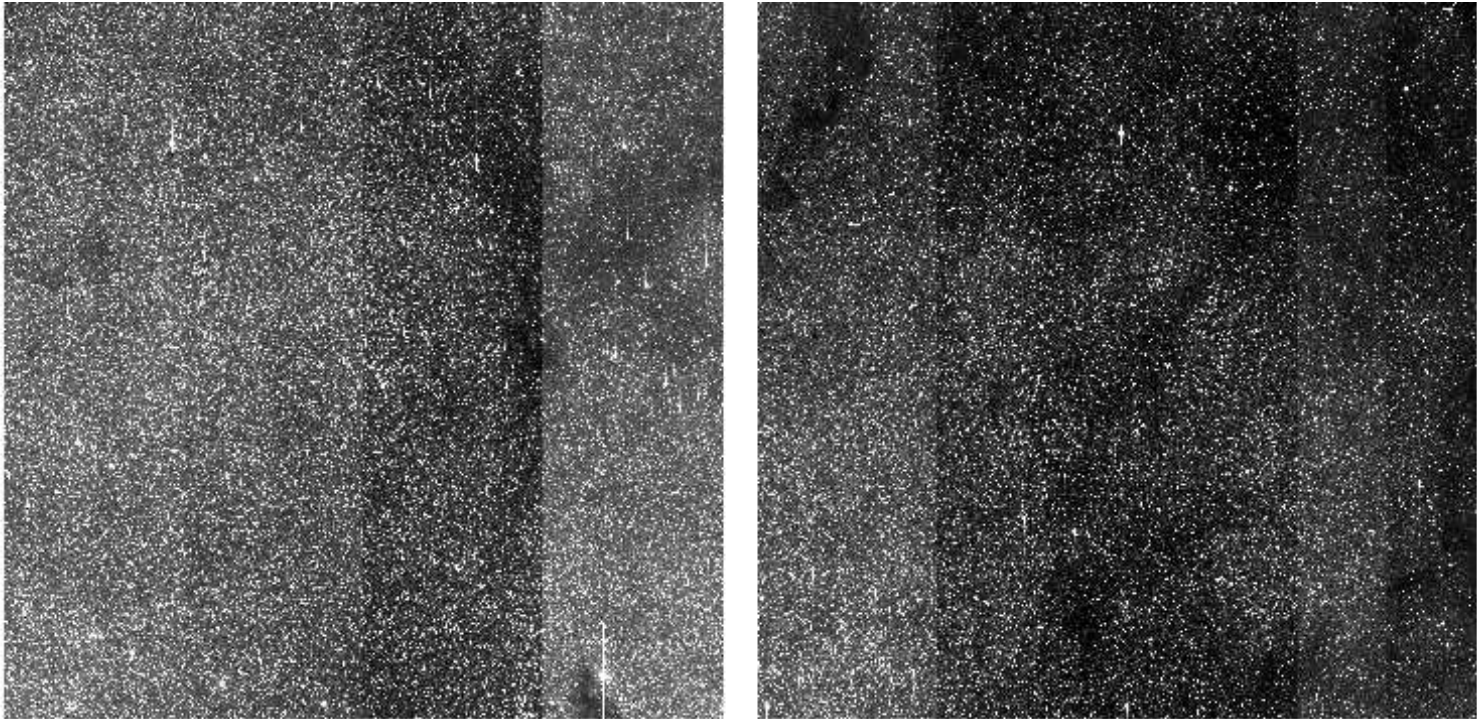
89.4

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0.4



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030077.fits

BLG

OBJECT

BLG41

17:54:09.090

-31:15:48.70

60

1.09

16:07:09

I

2026-07-25T09:56:46

-273.15

70 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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66.4

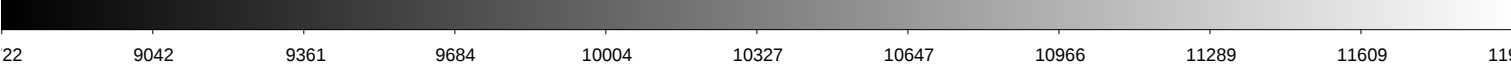
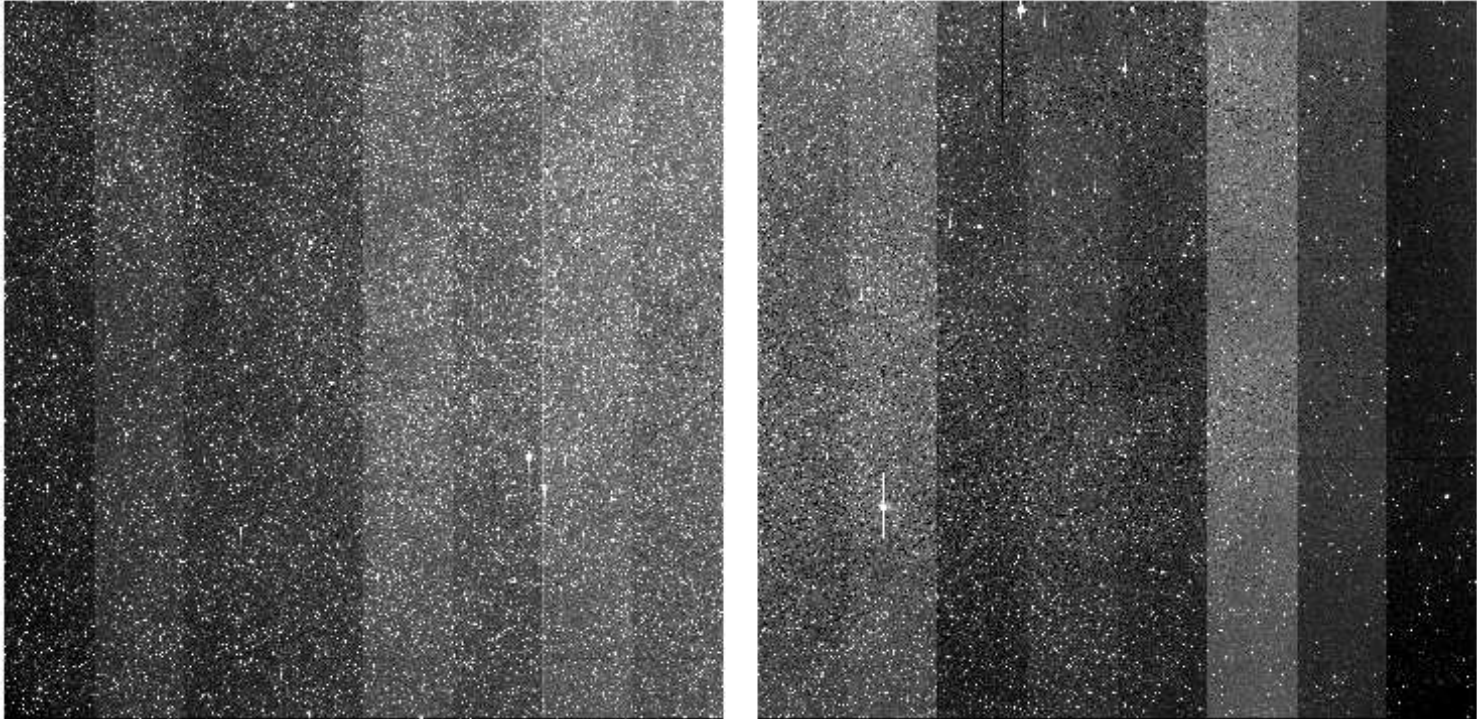
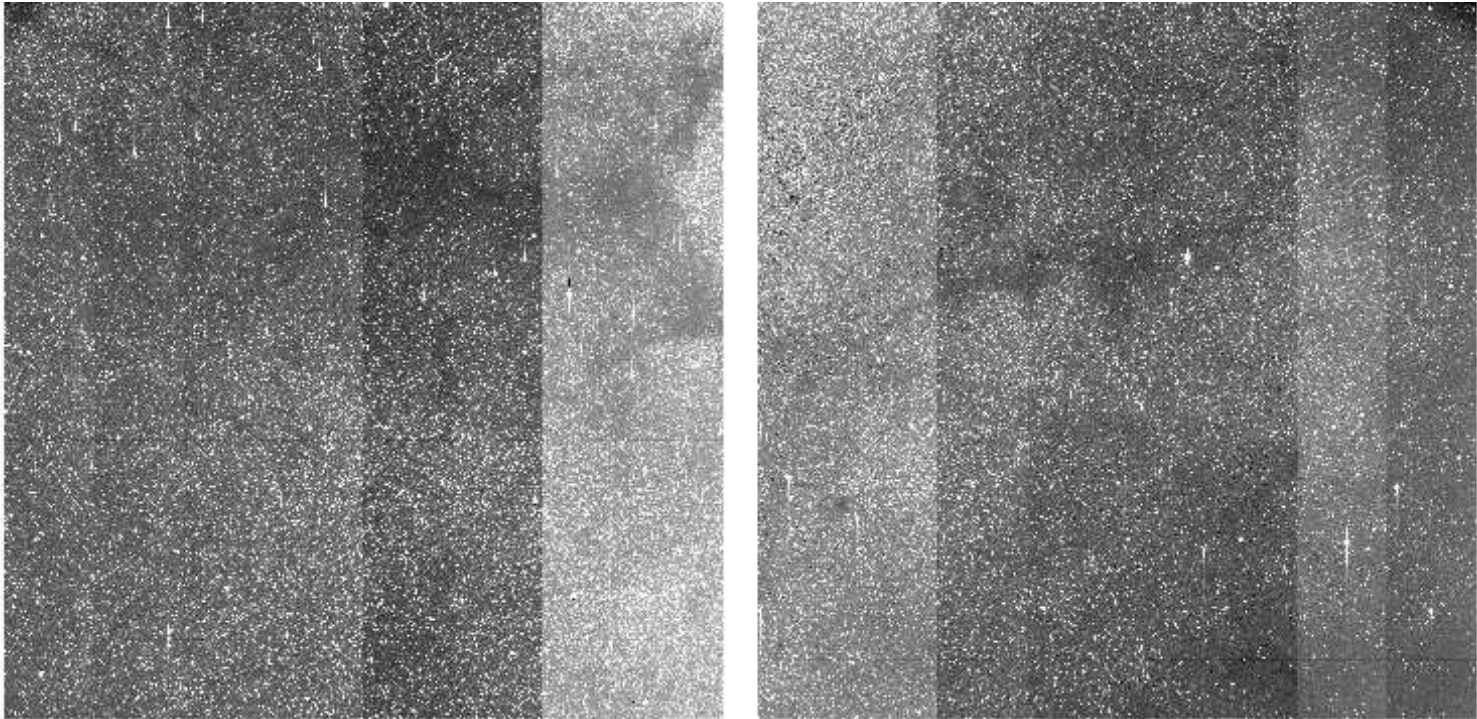
82.6

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3

0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030078.fits

BLG

OBJECT

BLG36

18:15:52.880

-23:44:21.90

60

1.15

16:09:21

I

2026-07-25T09:58:57

-273.15

71 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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60.3

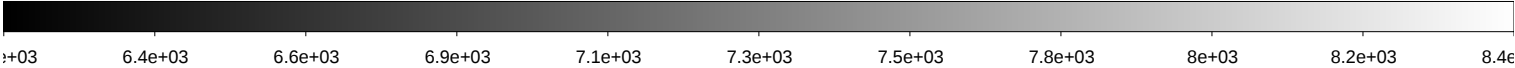
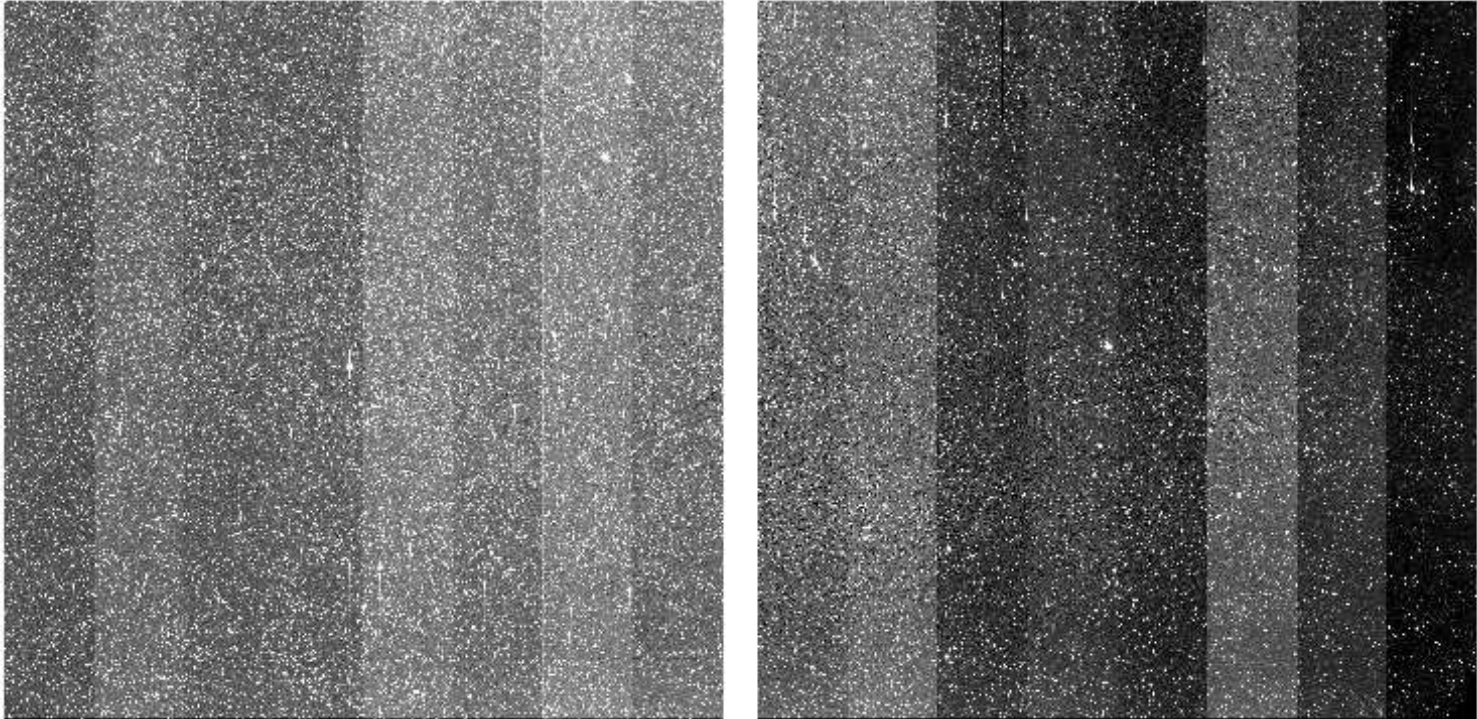
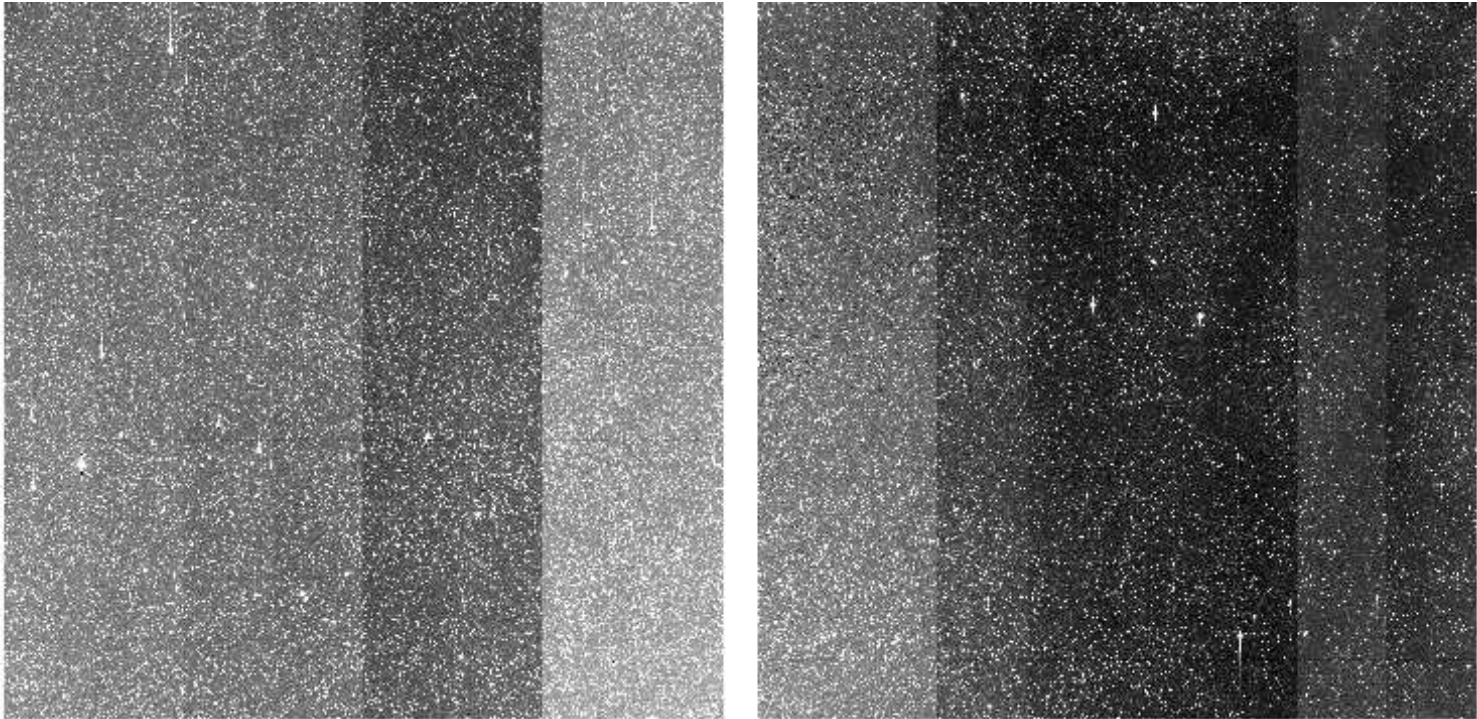
96.5

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0.3



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030079.fits

BLG

OBJECT

BLG42

17:54:08.990

-29:09:17.70

60

1.09

16:11:31

I

2026-07-25T10:01:07

-273.15

72 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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67.0

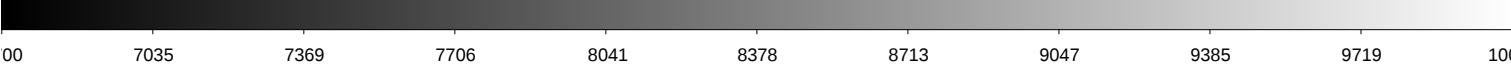
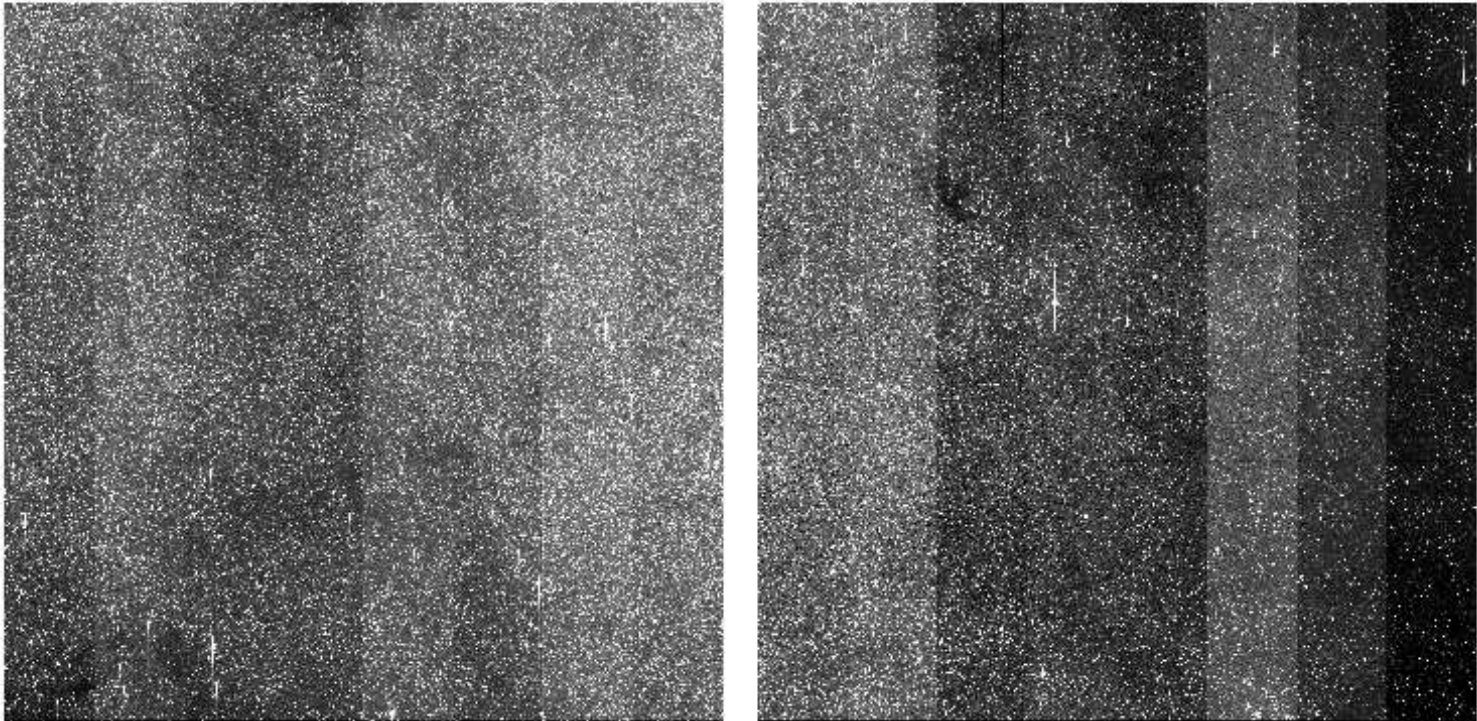
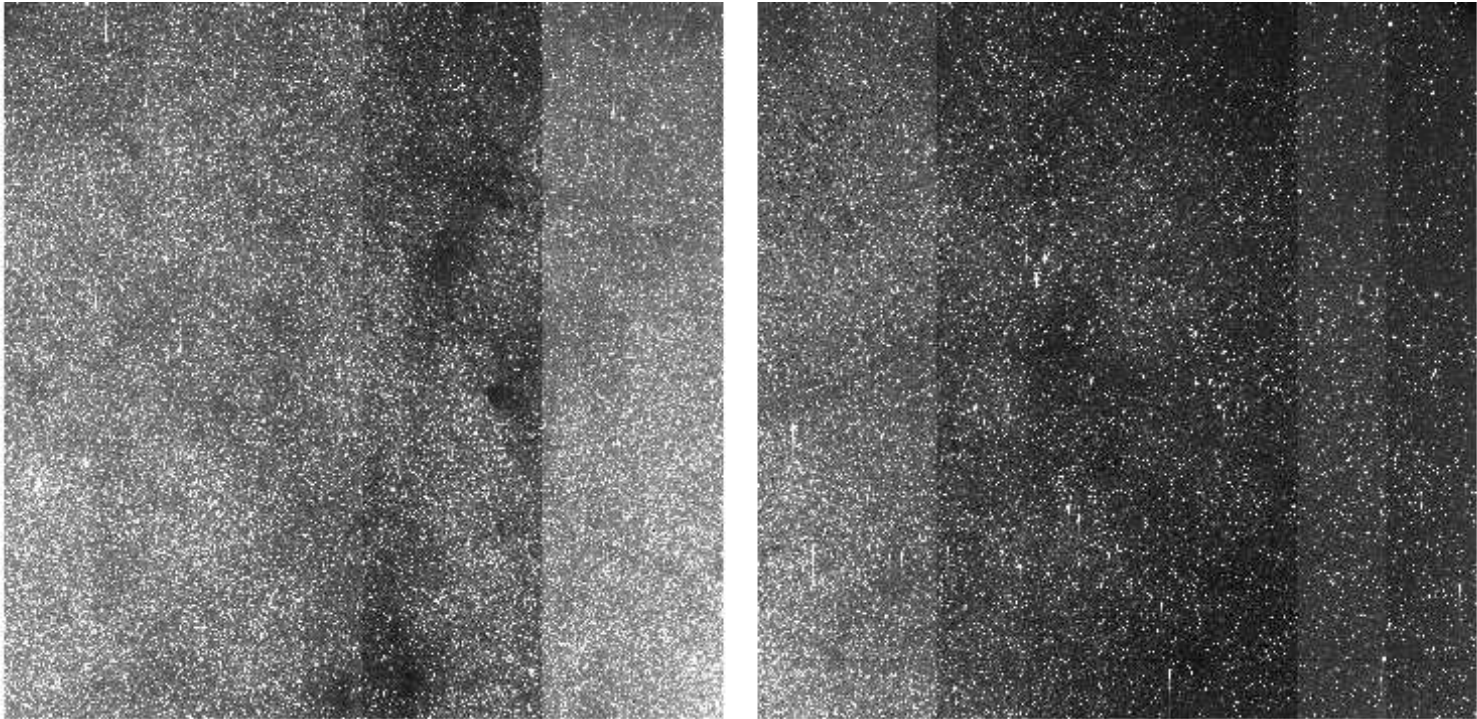
88.2

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0.5



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030080.fits

BLG

OBJECT

BLG43

18:01:45.030

-28:04:19.30

60

1.10

16:13:40

I

2026-07-25T10:03:16

-273.15

73 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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65.6

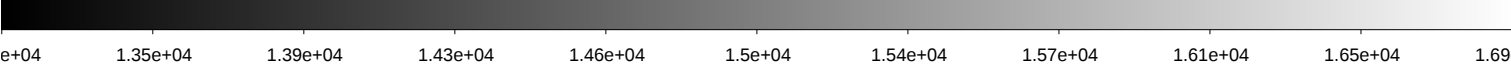
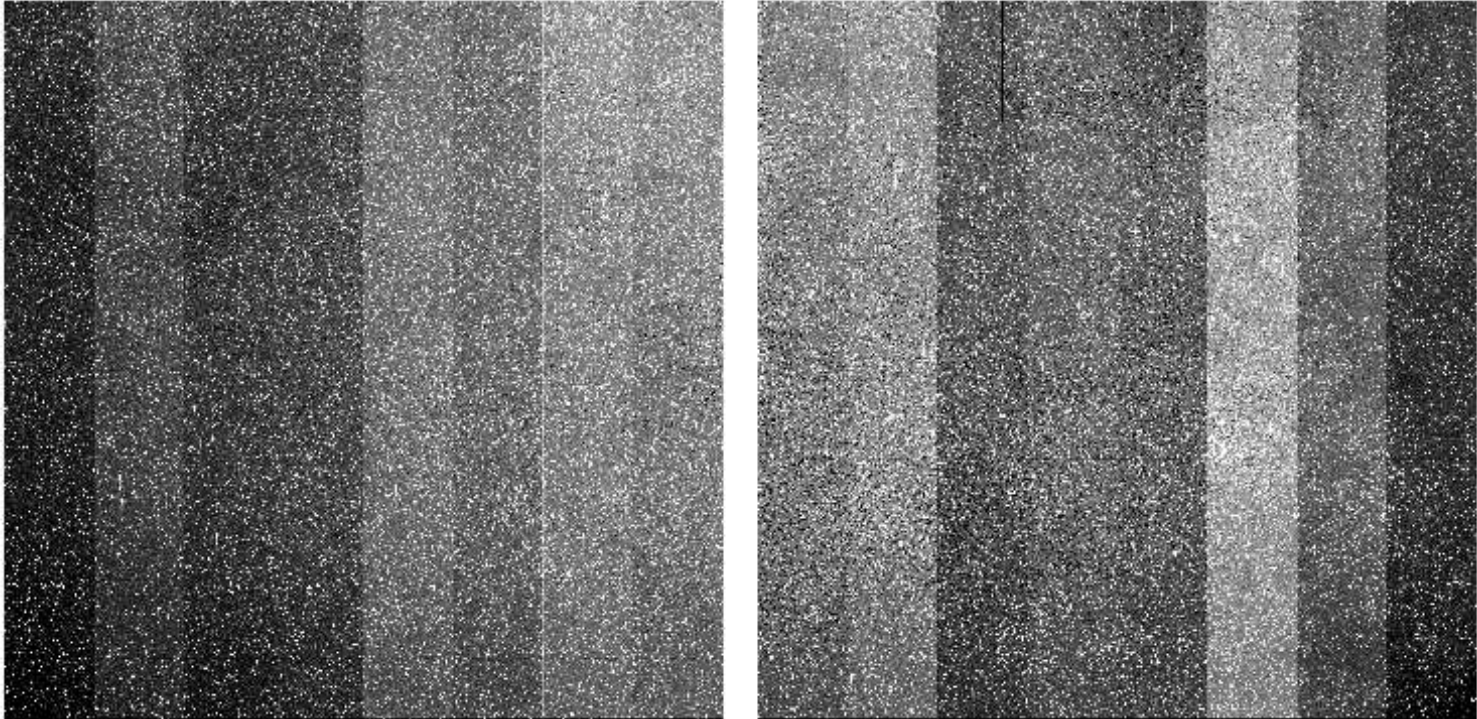
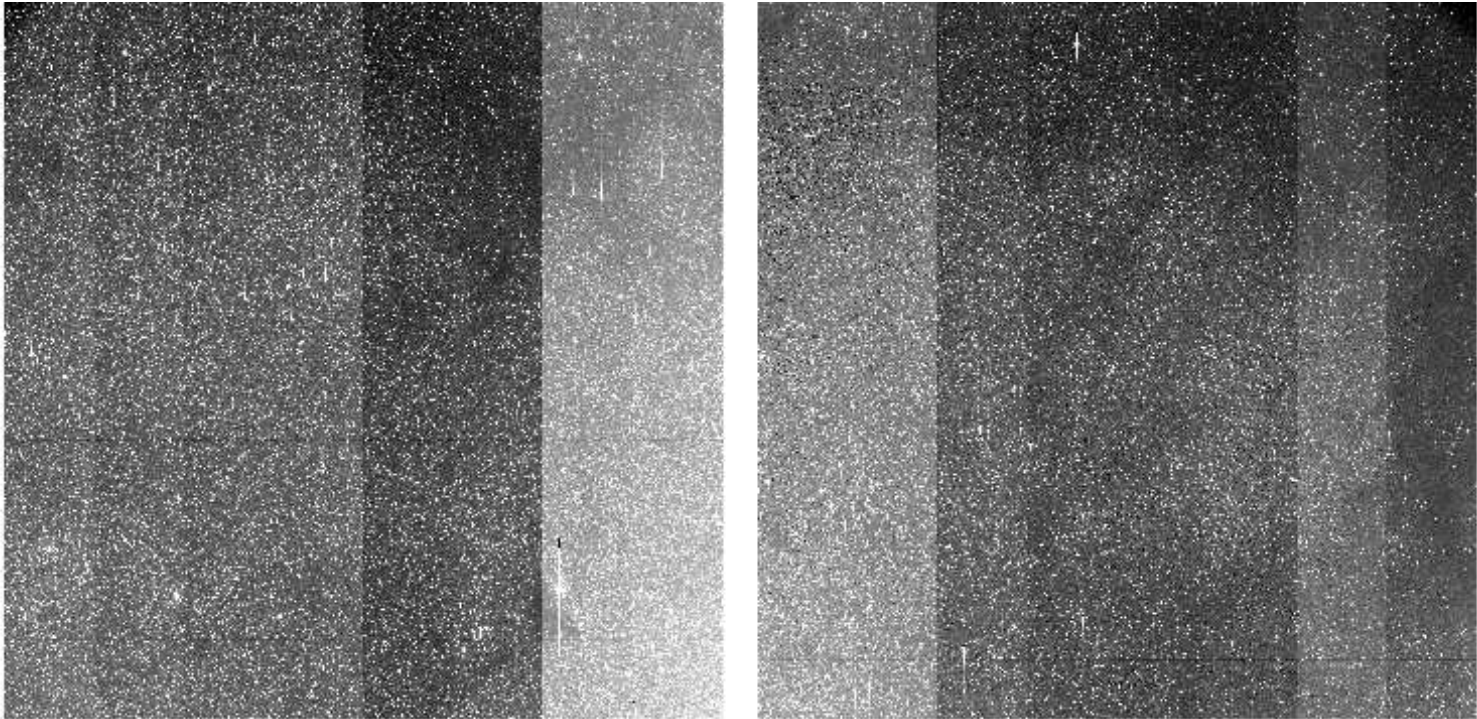
90.2

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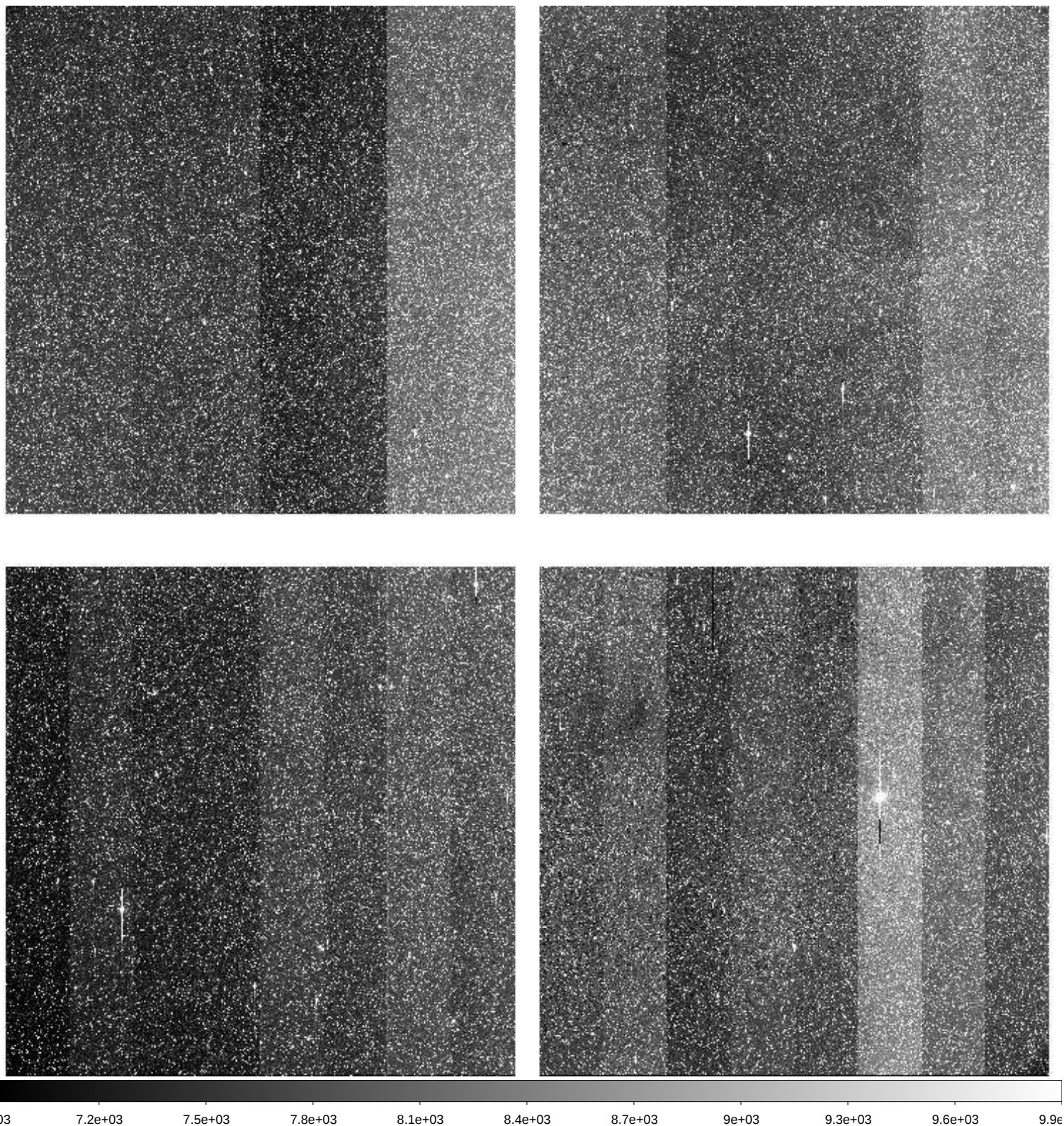
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3

0.4



File Name	:	km.ta.20260725.030081.fits	# 74 / 80 #
Project ID	:	BLG	
Image Type	:	OBJECT	
Object Name	:	BLG32	
RA	:	18:11:17.050	
DEC	:	-27:56:52.90	
Exposure Time	:	60	ALT
Airmass	:	1.11	AZ
Sidereal Time	:	16:15:50	Image Issue
Filter ID	:	I	CHIP
Observation Date	:	2026-07-25T10:05:25	Weather
CCD Temperature	:	-273.15	Moon Effect



File Name : **kmta.20260725.030082.fits** # 75 / 80 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 00:42:20.520

DEC : -31:06:02.60

Exposure Time : 0

Airmass : 1.00

Sidereal Time : 00:42:20

Filter ID : V

Observation Date : 2026-07-25T18:30:20

CCD Temperature : -273.15

ALT : 90.0

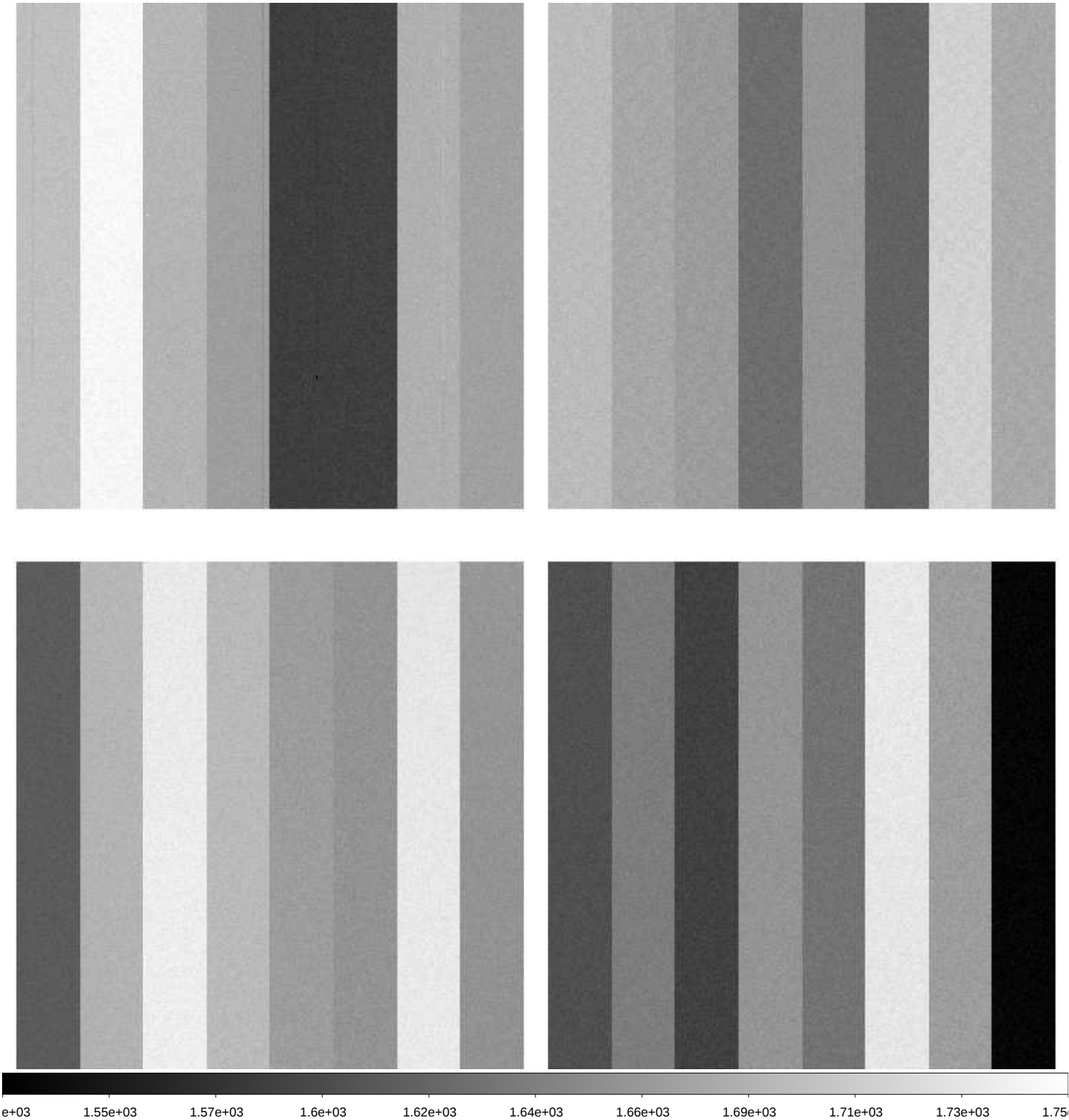
AZ : 0.0

Image Issue : —

CHIP : —

Weather : 3

Moon Effect : 0.0



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030083.fits

ALL

BIAS

bias

00:43:17.280

-31:06:02.60

0

1.00

00:43:17

V

2026-07-25T18:31:29

-273.15

76 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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90.0

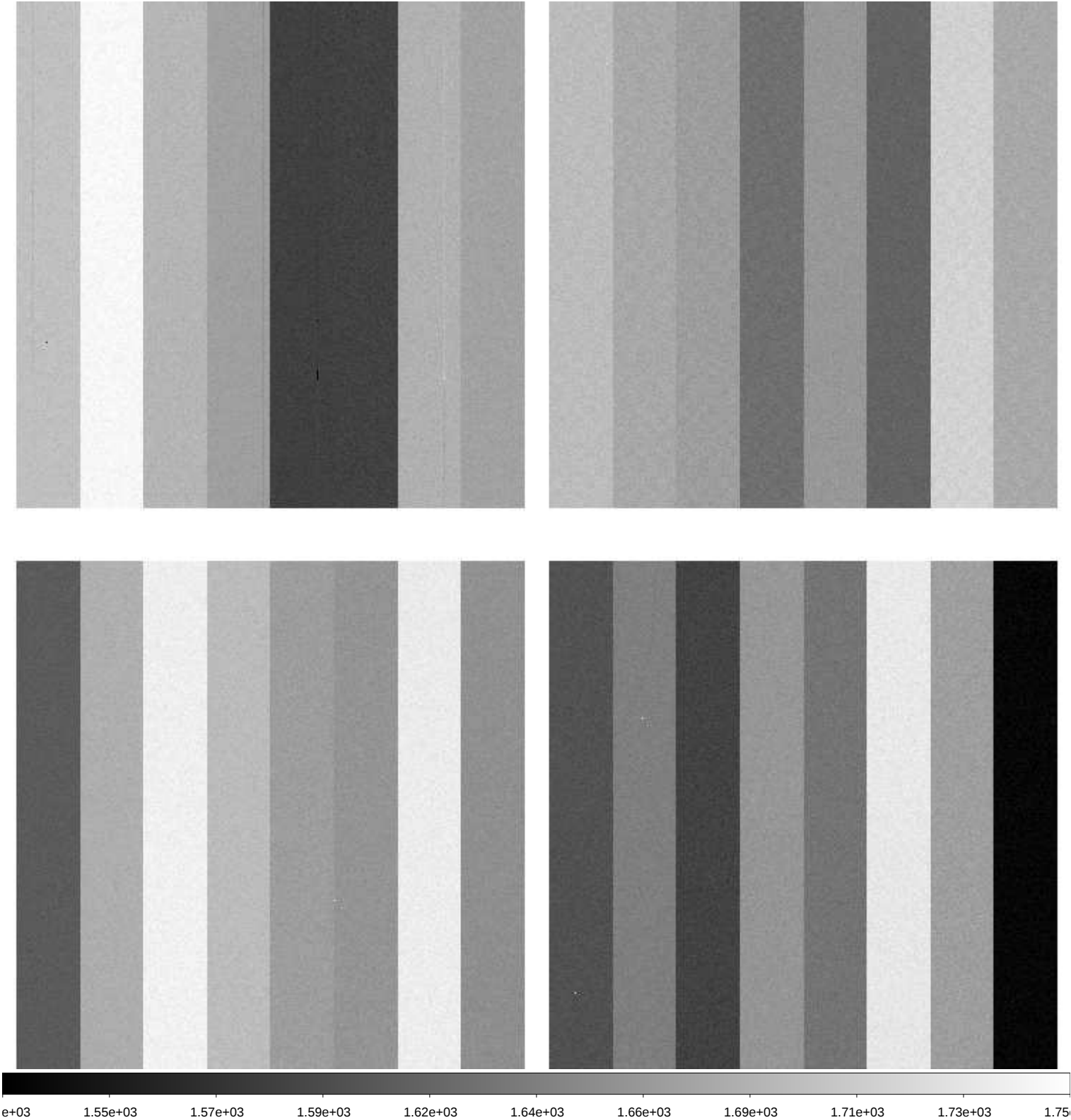
0.0

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0.0



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030084.fits

ALL

BIAS

bias

00:44:26.670

-31:06:02.60

0

1.00

00:44:26

V

2026-07-25T18:32:38

-273.15

77 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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90.0

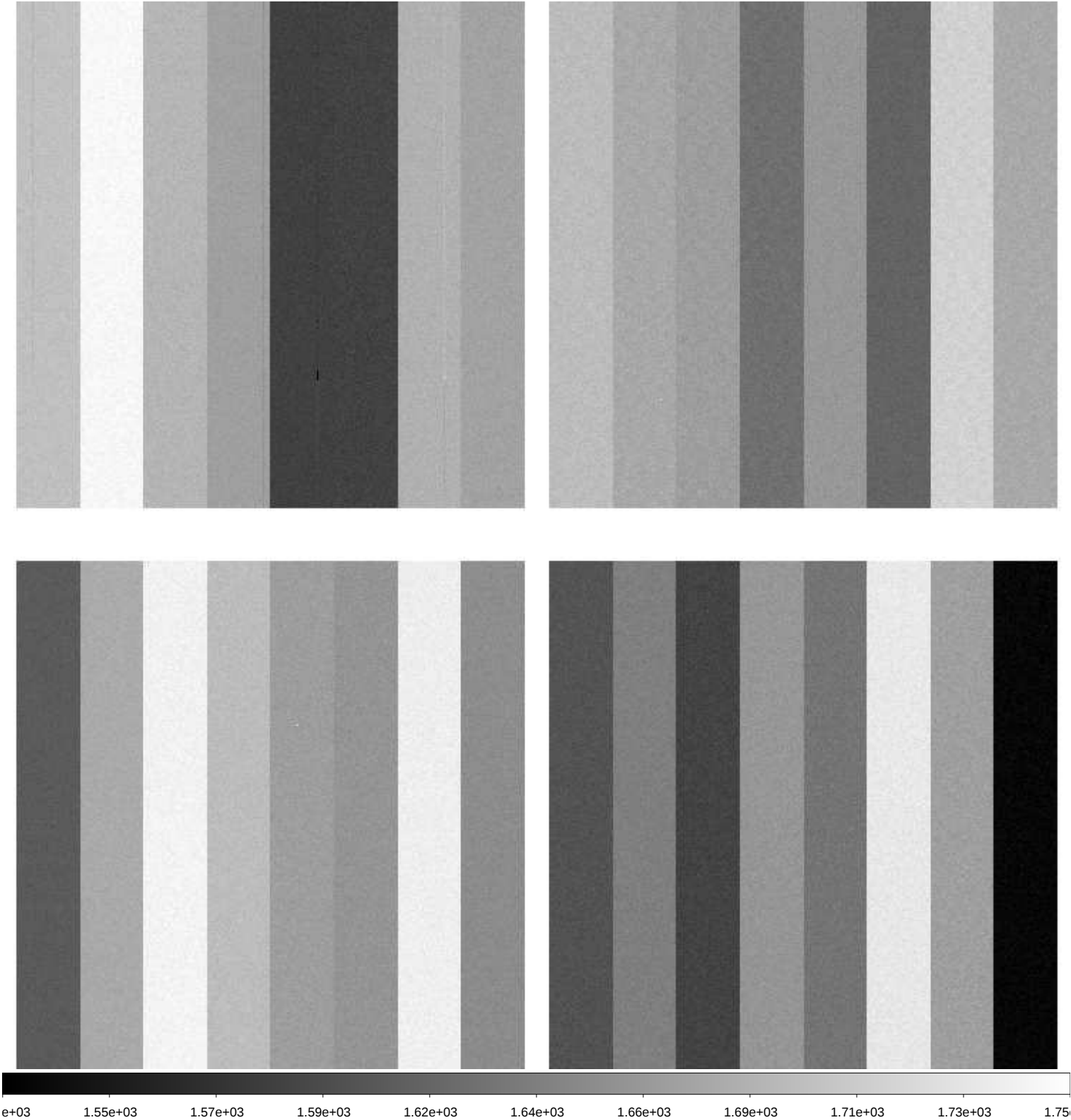
0.0

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0.0



File Name : **kmta.20260725.030085.fits** # 78 / 80 #

Project ID : ALL

Image Type : BIAS

Object Name : **bias**

RA : 00:45:35.860

DEC : -31:06:02.60

Exposure Time : 0

Airmass : 1.00

Sidereal Time : 00:45:35

Filter ID : V

Observation Date : 2026-07-25T18:33:47

CCD Temperature : -273.15

ALT : 90.0

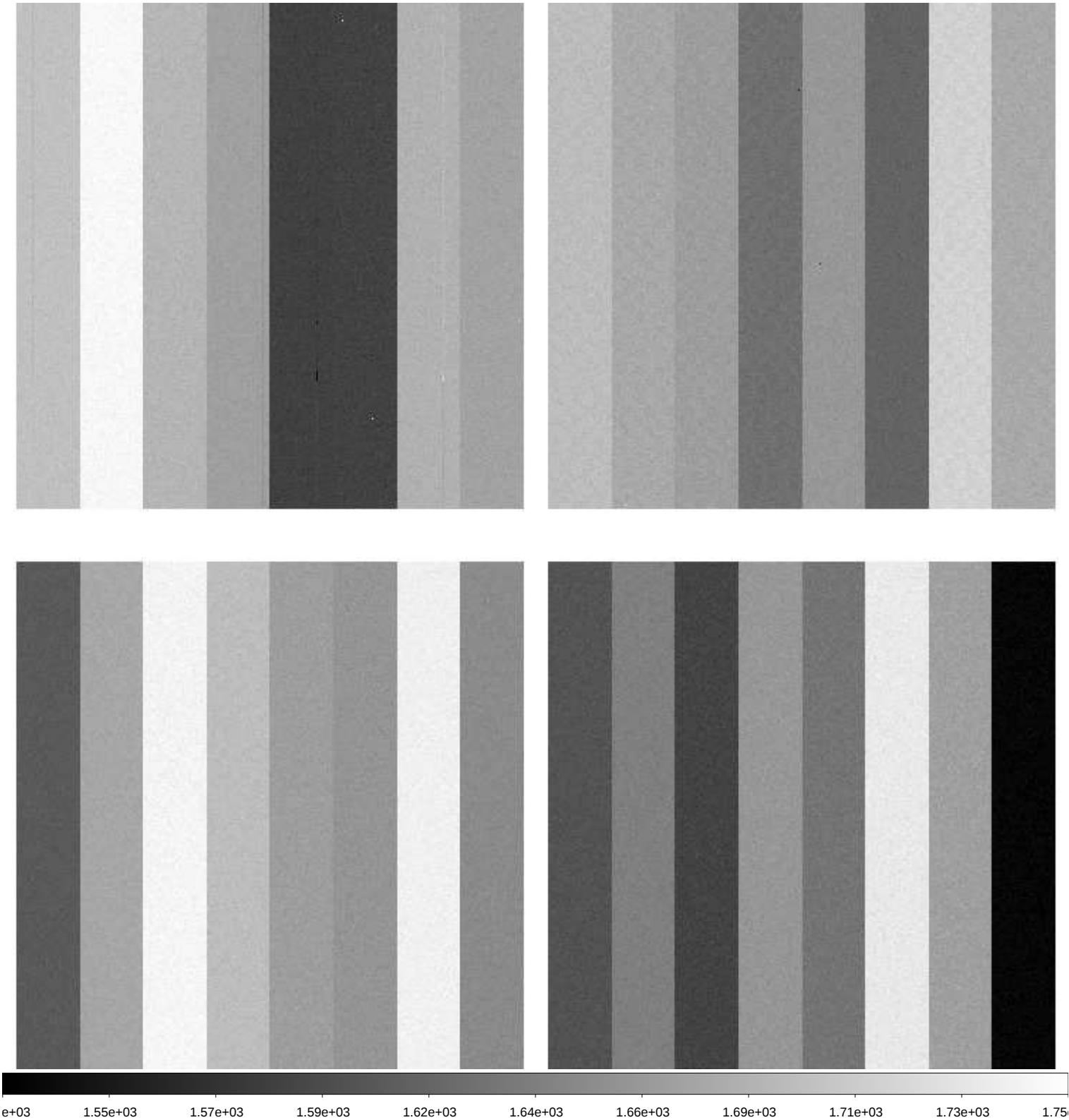
AZ : 0.0

Image Issue : —

CHIP : —

Weather : 3

Moon Effect : 0.0



File Name

Project ID

Image Type

Object Name

RA

DEC

Exposure Time

Airmass

Sidereal Time

Filter ID

Observation Date

CCD Temperature

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kmta.20260725.030086.fits

ALL

BIAS

bias

00:46:46.050

-31:06:02.60

0

1.00

00:46:46

V

2026-07-25T18:34:57

-273.15

79 / 80

ALT

AZ

Image Issue

CHIP

Weather

Moon Effect

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90.0

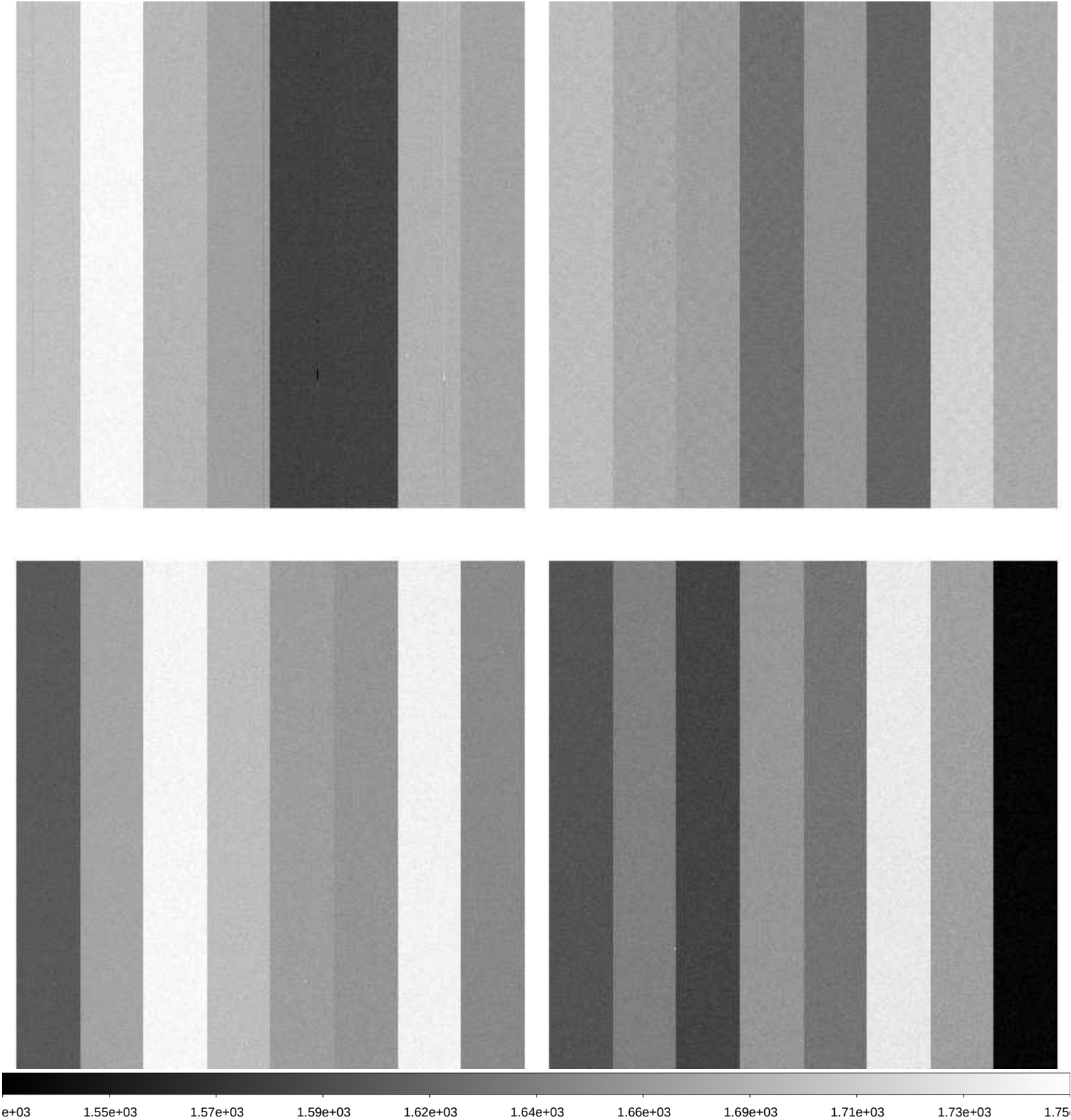
0.0

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0.0



File Name : **kmta.20260725.030087.fits** # 80 / 80 #

Project ID : OBS

Image Type : DARK

Object Name : **end**

RA : 00:47:55.040

DEC : -31:06:02.60

Exposure Time : 30

Airmass : 1.00

Sidereal Time : 00:47:55

Filter ID : V

Observation Date : 2026-07-25T18:36:06

CCD Temperature : -273.15

ALT : 90.0

AZ : 0.0

Image Issue : —

CHIP : —

Weather : 3

Moon Effect : 0.0

