

UT Date 2016-10-28 Observers P BerlindColl. Focus 1350 Grating/Grism 600

| File | Exp Time | UT Start | RA | Dec | Gr. | P.A. | Slit | Program | Bin | Comments |
|---------------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0001-0010.BIAS | 0 | 01:38 | 22:37:04.1 | +34:24:56 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0011-0025.FLAT | 7 | 01:45 | 22:37:04.1 | +34:24:56 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0026.COMP | 10 | 01:48 | 22:37:04.1 | +34:24:56 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0028.AWI0005d3d | 4 | 01:56 | 17:03:39.3 | +13:36:19 | 300 | 88 | 3.0 | #219 WISE Debr | 2 | |
| 0029.AWI0005d3d | 4 | 01:57 | 17:03:39.3 | +13:36:19 | 300 | 88 | 3.0 | #219 WISE Debr | 2 | |
| 0030.COMP | 10 | 01:57 | 17:03:39.3 | +13:36:19 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0031.AWI00059ad | 720 | 01:59 | 18:05:42.3 | +08:31:45 | 300 | 88 | 3.0 | #219 WISE Debr | 2 | |
| 0032.COMP | 10 | 02:11 | 18:05:42.3 | +08:31:45 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0033.AWI0002m4k | 70 | 02:12 | 18:27:49.9 | +00:12:00 | 300 | 88 | 3.0 | #219 WISE Debr | 2 | |
| 0034.AWI0002m4k | 41 | 02:14 | 18:27:49.9 | +00:12:00 | 300 | 88 | 3.0 | #219 WISE Debr | 2 | |
| 0035.COMP | 10 | 02:15 | 18:27:49.9 | +00:12:00 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0036.AWI0005bnf | 90 | 02:16 | 17:46:57.8 | +05:25:33 | 300 | 88 | 3.0 | #219 WISE Debr | 2 | |
| 0037.AWI0005bnf | 180 | 02:18 | 17:46:57.8 | +05:25:33 | 300 | 88 | 3.0 | #219 WISE Debr | 2 | |
| 0038.COMP | 10 | 02:21 | 17:46:57.8 | +05:25:33 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0039.AWI0005bk2 | 45 | 02:22 | 17:29:12.4 | +00:56:05 | 300 | 88 | 3.0 | #219 WISE Debr | 2 | |
| 0040.AWI0005bk2 | 60 | 02:27 | 17:29:12.4 | +00:56:05 | 300 | 88 | 3.0 | #219 WISE Debr | 2 | |
| 0041.COMP | 10 | 02:28 | 17:29:12.4 | +00:56:05 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0042.CSS_J211202.6-061636 | 898 | 02:31 | 21:12:02.5 | -06:16:38 | 300 | 88 | 3.0 | #220 ASASSN Tr | 2 | |
| 0043.CSS_J211202.6-061636 | 898 | 02:46 | 21:12:02.5 | -06:16:38 | 300 | 88 | 3.0 | #220 ASASSN Tr | 2 | |
| 0044.CSS_J211202.6-061636 | 898 | 03:01 | 21:12:02.5 | -06:16:38 | 300 | 88 | 3.0 | #220 ASASSN Tr | 2 | |

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|-----------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|----------|
| 0045.COMP | 10 | 03:17 | 21:12:02.5 | -06:16:38 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0046.BDp174708 | 90 | 03:18 | 22:11:31.4 | +18:05:34 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0047.BDp174708 | 90 | 03:20 | 22:11:31.4 | +18:05:34 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0048.COMP | 10 | 03:22 | 22:11:31.4 | +18:05:34 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0049.BDp284211 | 150 | 03:24 | 21:51:11.0 | +28:51:50 | 300 | 89 | 3.0 | #56 Spectropho | 2 | |
| 0050.COMP | 10 | 03:27 | 21:51:11.0 | +28:51:50 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0051.AWI0005dle | 40 | 03:30 | 17:56:26.3 | +62:37:10 | 300 | 89 | 3.0 | #219 WISE Debr | 2 | |
| 0052.AWI0005dle | 40 | 03:31 | 17:56:26.3 | +62:37:10 | 300 | 89 | 3.0 | #219 WISE Debr | 2 | |
| 0053.COMP | 10 | 03:32 | 17:56:26.3 | +62:37:10 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0054.AWI0005d5p | 15 | 03:35 | 18:02:30.7 | +58:37:39 | 300 | 89 | 3.0 | #219 WISE Debr | 2 | |
| 0055.AWI0005d5p | 15 | 03:35 | 18:02:30.7 | +58:37:39 | 300 | 89 | 3.0 | #219 WISE Debr | 2 | |
| 0056.AWI0005d5p | 15 | 03:37 | 18:02:30.7 | +58:37:39 | 300 | 89 | 3.0 | #219 WISE Debr | 2 | |
| 0057.COMP | 10 | 03:37 | 18:02:30.7 | +58:37:39 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0058.AWI0005d6h | 20 | 03:39 | 18:19:08.1 | +71:31:05 | 300 | 89 | 3.0 | #219 WISE Debr | 2 | |
| 0059.AWI0005d6h | 20 | 03:40 | 18:19:08.1 | +71:31:05 | 300 | 89 | 3.0 | #219 WISE Debr | 2 | |
| 0060.COMP | 10 | 03:40 | 18:19:08.1 | +71:31:05 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0061.AWI0005cs0 | 10 | 03:43 | 19:09:45.8 | +65:58:43 | 300 | 89 | 3.0 | #219 WISE Debr | 2 | |
| 0062.AWI0005cs0 | 8 | 03:44 | 19:09:45.8 | +65:58:43 | 300 | 89 | 3.0 | #219 WISE Debr | 2 | |
| 0063.COMP | 10 | 03:44 | 19:09:45.8 | +65:58:43 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0064.20132279+5151502 | 1800 | 03:54 | 20:13:22.8 | +51:51:50 | 300 | 89 | 3.0 | #141 2MASS Red | 2 | |

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|-----------------------|----------|----------|------------|-----------|-----|------|------|----------------|-----|---|
| 0065.COMP | 10 | 04:25 | 20:13:22.8 | +51:51:50 | 300 | 89 | 3.0 | 0 Calibration | 2 | |
| 0066.20145984+5123598 | 1200 | 04:27 | 20:14:59.8 | +51:24:00 | 300 | 89 | 3.0 | #141 2MASS Red | 2 | |
| 0067.COMP | 10 | 04:49 | 20:14:59.8 | +51:24:00 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0068.20170396+5017582 | 1800 | 04:50 | 20:17:04.0 | +50:17:58 | 300 | 88 | 3.0 | #141 2MASS Red | 2 | |
| 0069.COMP | 10 | 05:32 | 20:17:04.0 | +50:17:58 | 300 | 88 | 3.0 | 0 Calibration | 2 | |
| 0070.j0100p16 | 1800 | 05:49 | 01:00:29.8 | +16:33:50 | 600 | 88 | 1.5 | #178 Low Mass | 4 | |
| 0071.COMP | 10 | 06:20 | 01:00:29.8 | +16:33:50 | 600 | 88 | 1.5 | 0 Calibration | 4 | |
| 0072.j0118p16 | 631 | 06:23 | 01:18:00.1 | +16:10:15 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0073.COMP | 10 | 06:34 | 01:18:00.1 | +16:10:15 | 600 | 89 | 1.5 | 0 Calibration | 4 | |
| 0075.j0138p15 | 1200 | 07:53 | 01:38:56.9 | +15:27:41 | 600 | 89 | 1.5 | #178 Low Mass | 4 | |
| 0076.COMP | 10 | 08:16 | 01:38:56.9 | +15:27:41 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0077.j0154p11 | 1800 | 08:19 | 01:54:22.5 | +11:46:03 | 600 | 90 | 1.5 | #178 Low Mass | 4 | |
| 0078.COMP | 10 | 08:51 | 01:54:22.5 | +11:46:03 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0079.j0431p19 | 1500 | 08:56 | 04:31:23.5 | +19:11:22 | 600 | 90 | 1.5 | #178 Low Mass | 2 | binby2 after rtsystem crash and restart |
| 0080.COMP | 10 | 10:19 | 04:31:23.5 | +19:11:22 | 600 | 90 | 1.5 | 0 Calibration | 2 | |
| 0081.j0452m03 | 1800 | 10:21 | 04:51:32.2 | -03:33:08 | 600 | 90 | 1.5 | #178 Low Mass | 2 | |
| 0082.COMP | 10 | 10:58 | 04:51:32.2 | -03:33:08 | 600 | 90 | 1.5 | 0 Calibration | 2 | |
| 0083.G191B2B | 300 | 11:04 | 05:05:30.6 | +52:49:52 | 600 | 90 | 1.5 | #56 Spectropho | 2 | |
| 0084.COMP | 10 | 11:10 | 05:05:30.6 | +52:49:52 | 600 | 90 | 1.5 | 0 Calibration | 2 | |
| 0085.j0617p23 | 1200 | 11:12 | 06:17:54.2 | +23:37:53 | 600 | 90 | 1.5 | #178 Low Mass | 2 | |

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|----------------|-----------------|-----------------|------------|------------|------------|-------------|-------------|----------------|------------|-----------------|
| 0086.COMP | 10 | 11:40 | 06:17:54.2 | +23:37:53 | 600 | 90 | 1.5 | 0 Calibration | 2 | |
| 0087-0096.FLAT | 12 | 12:03 | 06:17:54.2 | +23:37:53 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0097-0106.BIAS | 0 | 12:04 | 06:17:54.2 | +23:37:53 | 600 | 90 | 1.5 | 0 Calibration | 4 | |
| 0107-0116.FLAT | 24 | 12:12 | 06:17:54.2 | +23:37:53 | 600 | 90 | 1.5 | 0 Calibration | 2 | |
| 0117-0126.BIAS | 0 | 12:14 | 06:17:54.2 | +23:37:53 | 600 | 90 | 1.5 | 0 Calibration | 2 | |
| 0127-0131.DARK | 900 | 13:25 | 06:17:54.2 | +23:37:53 | 600 | 90 | 1.5 | 0 Calibration | 2 | |
| 0132-0135.DARK | 900 | 14:26 | 06:17:54.2 | +23:37:53 | 600 | 90 | 1.5 | 0 Calibration | 4 | |