ESO

## ESO Phase 3 Data Release Description

Data Collection ZCOSMOS

Release Number 1
Data Provider S. Lilly

**Date** 01.10.2008 – update 27.02.2014

# zCOSMOS Data Release DR2

The zCOSMOS redshift survey has been designed to efficiently utilize VIMOS by splitting the survey into two parts. The first, zCOSMOS-bright, aims to produce a redshift survey of approximately 20,000 I-band selected galaxies at redshifts z < 1.2. Covering the approximately 1.7 deg $^2$  of the COSMOS field (essentially the full ACS-covered area), the transverse dimension at z ~ 1 is 75 Mpc. The second part, zCOSMOS-deep, will observe about 10,000 galaxies selected through well-defined colour selection criteria which mostly lie at 1.5 < z < 3.0. Simply to keep the required amount of telescope time manageable, the field of zCOSMOS-deep is restricted to the central 1 deg $^2$  of the COSMOS field.

This second release (DR2) contains the results of the zCOSMOS-bright spectroscopic observations that were carried out in VLT Service Mode during the period April 2005 to June 2006. 83 masks were observed, yielding 10643 spectra. Future releases will be made as the sample builds up.

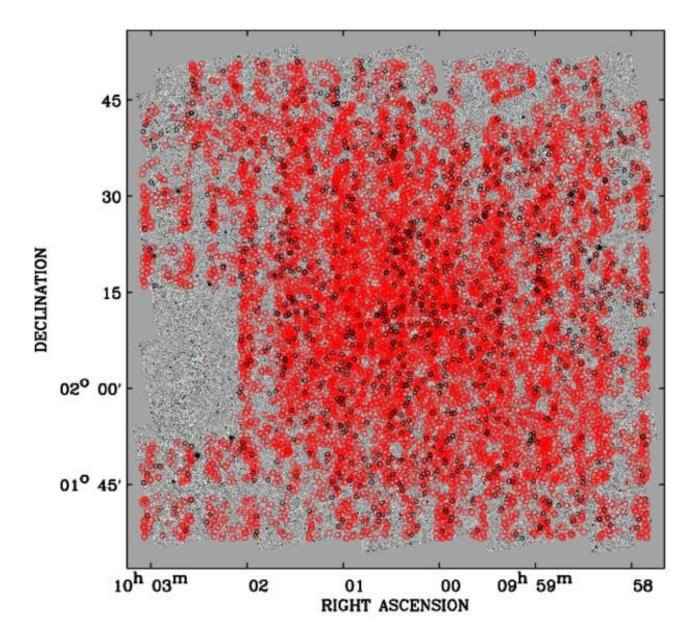
The full set of extracted and wavelength calibrated 1-dimensional spectra (FITS format), associated 5"x5" image cut-outs for each target (FITS and JPEG format) are being released. Furthermore, a catalogue is being provided where we give for each target the 1-D spectra filenames, the I-band magnitude used for the selection, as well as the measured redshift and confidence class. A full description of the survey can be found in the accompanying paper Lilly et al. 2009, ApJS, 184, 218.

∴ The data were reduced by the zCOSMOS team and prepared for release in collaboration with ESO
 ∴ (External Data Products group/Data Products department).

The Archive Science Group migrated the zCOSMOS-bright DR2 to the Phase 3 infrastructure allowing seamless publication with the Science Data Products. Although it was possible to recover the information needed for most of the files, ASG would like to inform the archive users that for all the science data products (1D-spectra) the keywords RA and DEC refer to the central position of the pointing, while OBJECT indicates the field observed. Moreover for 357 spectra out of 10643 files (~3%), the header keywords MJD-END, PROVi and the related NCOMBINE, TMID and TELAPSE values may not be correct.

The files possibly affected are listed at the end of this document. The original file name information is recorded in the ORIGFILE header keyword of the FITS files.

# Overview and survey layout



All observed VIMOS targets in this release are overlaid on the HST/ACS COSMOS F814W band mosaic. Red open circles stand for targets with a redshift and black open circles indicate observed targets without a redshift identification.

#### Release content

#### **Summary of reduced VIMOS observations**

A total of 10643 spectra could be extracted from the VIMOS observations and are presented in this release. Throughout the zCOSMOS-bright survey, 1 arcsec wide slits have been used with a wavelength range of approximately 5500 to 9700 Å sampled at roughly 2.5 Å/pixel.

The primary input catalogue for slit-mask design was generated using SExtractor (Bertin et al. 1996) applied to the COSMOS F814W HST/ACS images sampled at 0.03 arcsec/pixel (Koekemoer et al. 2007, Leauthaud et al. 2007) in a "hot and cold" two-pass process to first identify bright objects. This substantially reduced the tendency of the HST-based catalogue to "over-resolve" extended galaxies into multiple components. This initial SExtractor catalogue was then "cleaned" by carrying out a detailed comparison with one extracted from a stack of i\* images obtained with MEGACAM on the 3.6m Canada-France-Hawaii telescope and processed at the TERAPIX data reduction center in Paris. This catalogue was also used to supplement the ACS catalogue for regions where the ACS images were unavailable or unusable. The zCOSMOS-bright target catalogue is intended to be simply defined as having an ACS/HST SExtractor "magauto" brightness in the range 15.00 <  $I_{AB}$ (814) < 22.50.

Generally, objects to be inserted into the slit mask are chosen randomly from the target catalogue. However, a few percent of targets (generally X-ray sources) are designated as "compulsory" targets and inserted into the masks with first priority. As a result, they are over-represented in the spectroscopic catalogue, by a factor which happens to be close to 2.0. Objects strongly suspected of being stars on the basis of morphology and spectral energy distribution are not included in the masks as targets and are classificed as "forbidden". These are about 15% of the I < 22.5 sample. However, the criteria for this exclusion are deliberately quite conservative and about 4% of the spectroscopic targets turn out to be stars.

For each slit there is a primary target. Naturally, sometimes other targets happen to fall in the same slit. These "secondary targets" are indicated by preceding the redshift confidence class (see below) by a "2". Sometimes, these secondary objects were forbidden, but their spectra were anyway reduced and included in the catalogue.

Given the inevitable complexity of the sample, users who require statistically complete samples are strongly encouraged to contact the zCOSMOS team for guidance.

#### **Release Notes**

#### Data reduction method

The VIMOS observations were reduced using the v1.0 of the <u>VIPGI</u> software package (Scodeggio et al., 2005, Pub.Astr.Soc.Pac., 117, 1284). Determination of redshifts is a multi-step process and involves the use of different approaches tailored to the individual spectra. These include first a computer-aided determination based on cross-correlation with template spectra coupled to continuum fitting and principal component analysis, using the EZ software (Garilli et al., in preparation). This preliminary automated step is followed by a detailed visual examination of the one- and two-dimensional spectrograms of every object to critically assess the validity of the automated redshift. In those cases where the automatic procedure fails, a new redshift is computed based on the wavelengths of recognized features. Two fully independent reductions are carried out of each spectrum, yielding two independent redshift measurements. These are compared and "reconciled" (generally in a face-to-face meeting) to yield a final redshift and Confidence Class.

#### Redshift accuracy and reliability

About 600 objects have been observed more than once, either from repeat observations of whole masks, repeated inclusion in different masks as primary targets, or because an object is a primary target in one mask and a secondary in another. From these repeat observations, the typical redshift uncertainty in zCOSMOS-bright is estimated to be (1 sigma) 110 km/s.

Each redshift is assigned to a Confidence Class which captures this crucial information. zCOSMOS Confidence Classes have been developed from those adopted in the CFRS and VVDS surveys. It is important to note that they are based on the confidence in the final redshift and not on the quality of the spectrum per se. The basic confidence scheme ranges from Class 0 (no redshift obtained) to Class 4 (very secure redshift). In practice there is little real difference between Classes 3 and 4 and they may be safely combined for most purposes. Two additional classes with special meaning are then added. Class 9 signifies a one-line redshift where the line is undoubtedly real, as well as being sufficiently strong and isolated that we can be confident that the line is either H-alpha or [OII] 3727 - yielding two possible redshifts. A Class 8 is also a one line redshift, but for Broad Line AGN. For these two cases, we use photo-z to check the line identification (see below) - finding that we guessed right in over 85% of cases - and modifying the redshift to the alternate one if that is consistent with the photo-z.

The basic confidence scheme is then modified with possible preceding digit(s) as follows: An additional "1" digit before the Class (i.e. adding "10" to the Class) signifies a broad line AGN: e.g. Class 13 is a very secure BL AGN redshift. A "2" digit before the Class signifies that the object was a secondary target because it was detected in a slit positioned on another target: e.g. Class 24 is a very secure serendipitous object while Class 213 is a secure serendipitous broad line AGN redshift. Note that all Class 0 and 20 objects (i.e. redshift failures of primary and secondary targets) have been retained in the catalogue. For the Class 0 objects, these objects were given a "fair trial". However, the Class 20 failures are not fair since the light could have been substantially reduced through misalignment of the secondary target with the slit. Indeed the distribution of Confidence Classes for the secondary targets is noticably skewed towards lower confidence redshifts for the same reason.

The statistical reliability of the spectroscopic redshifts in the various Confidence Classes is assessed by both the agreement or otherwise of redshifts independently derived from repeat observations of 600 galaxies (see above), and by the consistency or otherwise with photometric redshifts derived from the COSMOS multi-band photometric data using photo-z for AGN (Salvato et al. 2008), stars and galaxies (Ilbert et al. 2008) and where these are unavailable, from ZEBRA measurements (Feldmann et al 2008).

Confidence Class	Description	Spectroscopic verification	Photo-z consistency within dz=0.08(1+z)
Class 4	Very secure redshift, beautiful redshift	>99.5%	97%
Class 3	Secure redshift	>99.5%	97%
Class 9	One line redshift (best guess)	95% after correction	84%-95% after correction with photo-z
Class 2	Probable redshift	92%	93%
Class 1	Insecure redshift	70%	72%

These two approaches show very good agreement, apart from a "ceiling" in the photo-z reliability of about 97% due to difficulties in the photometry (merged objects etc). This suggests that consistency or otherwise with the photometric redshift can be used to indicate which of the less reliable spectroscopic redshifts are probably right and which are likely to be wrong. We therefore add a decimal place to the Confidence Class to reflect this additional information. The integer part is based solely on the spectrum itself, followed by a decimal place which contains (a posteriori) information on the consistency of the spectroscopic redshift with the photometric redshift as given in the following table.

Confidence class	spectroscopic/photometric consistency	
.5	Spectroscopic redshift consistent within 0.08(1+z) of the photometric redshift, both for galaxies, stars and AGN.	
.4	No photometric redshift available, includes all spectroscopic AGN and stars	
.3	Special case for Class 18 and 9: Consistent with photo-z only after the redshift changed to the alternate redshift, a switch which is then applied	
.1	Spectroscopic and photometric redshifts are not consistent at the level of 0.08(1+z)	

There is an obvious trade-off between reliability and completeness: the two most reliable Classes 3 and 4, with spectroscopic reliability > 99.5% in the above table, currently comprise about 61% of the zCOSMOS-bright sample. However, many users will likely prefer to utilize the photo-z information and use the extended set of Classes (All 4's, all 3's, 9.5 + 9.4 + 9.3 + 2.5 + 2.4 + 1.5) which is still 99 % reliable and comprises over 80% of the sample.

#### Comparison to previous releases

This release which is the second of this survey supersedes the first <u>zCOSMOS</u> data release <u>DR1</u>. It revises and significantly extends the previous DR1 release of October 2007 which consisted of 7 masks. Some of the DR1 1-dimensional spectra have been re-extracted to improve the wavelength calibration and the redshift re-measured. Also, for several class 8 and class 9 objects, redshifts have been updated due to improved photometric redshift information. Note that the assignment of zCOSMOS identification numbers has not been altered with the new release, so that the DR1 targets may be identified unambiguously.

#### Data format

For each target the following data files are being released: the 1-dimensional spectrum in FITS format, and the corresponding 5"x5" image cut-out from the F814W ACS image (in FITS and JPEG format).

The following naming convention has been adopted for the individual files:

```
zCOSMOS_BRIGHT_DR2_aa_bb.fits 1-d spectrum image cut-out (FITS format) zCOSMOS_BRIGHT_DR2_aa_cc_F814W.jpg image cut-out (JPEG format)
```

where  $\langle aa \rangle$  is the object ID;  $\langle bb \rangle$  indicates the mask ID of the observation (e.g., ZCMRa35\_M1), quadrant, slit and object number;  $\langle cc \rangle$  are the center coordinates of the image.

The target catalog, containing object ID, target position, redshift, confidence class, target magnitude (F814W), and filenames of 1-d spectra, is being released in FITS format.

### Data retrieval

Please request your copy of the data from the ESO Science Archive using the ESO Data Products Query Form: http://archive.eso.org/wdb/wdb/adp/phase3\_main/form

# Acknowledgements

When using data products provided in this release, acknowledgement should be given in the text to the zCOSMOS project, referring to this DR2 and the publication . In addition, please also use the following statement in your articles when using these data:

Based on observations made with ESO Telescopes at the La Silla or Paranal Observatories under programme ID 175.A-0839.

# List of the 1-D spectra whit possible header keywords inconsistencies:

```
z COSMOS\_BRIGHT\_DR2\_000801047\_ZCMRa51\_M1\_Q1\_30\_2. fits
zCOSMOS_BRIGHT_DR2_000801097_ZCMRa51_M1_Q1_32_1.fits
zCOSMOS_BRIGHT_DR2_000801138_ZCMRa51_M1_Q1_31_1.fits
zCOSMOS_BRIGHT_DR2_000801235_ZCMRa51_M1_Q1_28_1.fits
z COSMOS\_BRIGHT\_DR2\_000801365\_ZCMRa51\_M1\_Q1\_29\_1. fits
zCOSMOS_BRIGHT_DR2_000801477_ZCMRa51_M1_Q4_33_1.fits
zCOSMOS_BRIGHT_DR2_000801497_ZCMRa51_M1_Q4_31_1.fits
zCOSMOS_BRIGHT_DR2_000801709_ZCMRa51_M1_Q4_32_1.fits
zCOSMOS_BRIGHT_DR2_000801731_ZCMRa51_M1_Q4_34_2.fits
zCOSMOS_BRIGHT_DR2_000801750_ZCMRa51_M1_Q4_30_1.fits
zCOSMOS BRIGHT DR2 000804903 ZCMRa51 M1 Q1 13 2.fits
zCOSMOS_BRIGHT_DR2_000804916_ZCMRa51_M1_Q2_24_1.fits
zCOSMOS_BRIGHT_DR2_000804924_ZCMRa51_M1_Q2_31_1.fits
zCOSMOS_BRIGHT_DR2_000804934_ZCMRa51_M1_Q1_25_1.fits
zCOSMOS_BRIGHT_DR2_000804944_ZCMRa51_M1_Q1_5_1.fits
zCOSMOS_BRIGHT_DR2_000804945_ZCMRa51_M1_Q1_19_1.fits
zCOSMOS_BRIGHT_DR2_000804950_ZCMRa51_M1_Q2_26_2.fits
zCOSMOS_BRIGHT_DR2_000804954_ZCMRa51_M1_Q1_8_1.fits
zCOSMOS_BRIGHT_DR2_000804965_ZCMRa51_M1_Q1_15_1.fits
zCOSMOS_BRIGHT_DR2_000804979_ZCMRa51_M1_Q1_11_1.fits
zCOSMOS_BRIGHT_DR2_000805007_ZCMRa51_M1_Q2_29_1.fits
zCOSMOS_BRIGHT_DR2_000805029_ZCMRa51_M1_Q1_3_1.fits
zCOSMOS_BRIGHT_DR2_000805046_ZCMRa51_M1_Q1_23_1.fits
zCOSMOS_BRIGHT_DR2_000805050_ZCMRa51_M1_Q1_21_1.fits
zCOSMOS_BRIGHT_DR2_000805073_ZCMRa51_M1_Q2_28_4.fits
zCOSMOS_BRIGHT_DR2_000805075_ZCMRa51_M1_Q1_16_1.fits
zCOSMOS_BRIGHT_DR2_000805095_ZCMRa51_M1_Q1_6_1.fits
zCOSMOS_BRIGHT_DR2_000805230_ZCMRa51_M1_Q1_17_1.fits
zCOSMOS BRIGHT DR2 000805239 ZCMRa51 M1 Q2 32 1.fits
zCOSMOS_BRIGHT_DR2_000805315_ZCMRa51_M1_Q1_27_1.fits
zCOSMOS_BRIGHT_DR2_000805422_ZCMRa51_M1_Q1_26_1.fits
zCOSMOS_BRIGHT_DR2_000805424_ZCMRa51_M1_Q2_22_1.fits
zCOSMOS_BRIGHT_DR2_000805439_ZCMRa51_M1_Q1_9_1.fits
zCOSMOS_BRIGHT_DR2_000805441_ZCMRa51_M1_Q1_9_2.fits
zCOSMOS_BRIGHT_DR2_000805460_ZCMRa51_M1_Q1_1_1.fits
zCOSMOS_BRIGHT_DR2_000805464_ZCMRa51_M1_Q2_30_1.fits
zCOSMOS_BRIGHT_DR2_000805480_ZCMRa51_M1_Q1_12_1.fits
zCOSMOS_BRIGHT_DR2_000805499_ZCMRa51_M1_Q1_18_1.fits
zCOSMOS_BRIGHT_DR2_000805514_ZCMRa51_M1_Q1_7_1.fits
zCOSMOS_BRIGHT_DR2_000805544_ZCMRa51_M1_Q1_4_1.fits
zCOSMOS_BRIGHT_DR2_000805546_ZCMRa51_M1_Q1_14_1.fits
zCOSMOS_BRIGHT_DR2_000805549_ZCMRa51_M1_Q1_10_2.fits
zCOSMOS_BRIGHT_DR2_000805550_ZCMRa51_M1_Q2_25_1.fits
zCOSMOS_BRIGHT_DR2_000805560_ZCMRa51_M1_Q2_23_2.fits
zCOSMOS_BRIGHT_DR2_000805587_ZCMRa51_M1_Q1_20_1.fits
zCOSMOS_BRIGHT_DR2_000805588_ZCMRa51_M1_Q2_27_1.fits
zCOSMOS_BRIGHT_DR2_000805594_ZCMRa51_M1_Q1_2_5.fits
zCOSMOS_BRIGHT_DR2_000805602_ZCMRa51_M1_Q1_24_1.fits
zCOSMOS_BRIGHT_DR2_000805608_ZCMRa51_M1_Q1_22_1.fits
zCOSMOS_BRIGHT_DR2_000805765_ZCMRa51_M1_Q4_19_1.fits
zCOSMOS_BRIGHT_DR2_000805767_ZCMRa51_M1_Q3_25_1.fits
zCOSMOS_BRIGHT_DR2_000805769_ZCMRa51_M1_Q4_2_1.fits
zCOSMOS_BRIGHT_DR2_000805774_ZCMRa51_M1_Q4_2_2.fits
zCOSMOS_BRIGHT_DR2_000805778_ZCMRa51_M1_Q4_27_1.fits
zCOSMOS_BRIGHT_DR2_000805782_ZCMRa51_M1_Q3_29_3.fits
zCOSMOS_BRIGHT_DR2_000805787_ZCMRa51_M1_Q3_32_2.fits
zCOSMOS_BRIGHT_DR2_000805789_ZCMRa51_M1_Q3_32_3.fits
zCOSMOS_BRIGHT_DR2_000805790_ZCMRa51_M1_Q4_4_2.fits
zCOSMOS_BRIGHT_DR2_000805806_ZCMRa51_M1_Q3_27_1.fits
zCOSMOS_BRIGHT_DR2_000805818_ZCMRa51_M1_Q4_17_2.fits
z COSMOS\_BRIGHT\_DR2\_000805819\_Z CMRa51\_M1\_Q4\_17\_1. fits
zCOSMOS BRIGHT DR2 000805834 ZCMRa51 M1 Q4 21 1.fits
zCOSMOS_BRIGHT_DR2_000805838_ZCMRa51_M1_Q4_9_1.fits
zCOSMOS_BRIGHT_DR2_000805840_ZCMRa51_M1_Q4_14_1.fits
zCOSMOS_BRIGHT_DR2_000805843_ZCMRa51_M1_Q4_23_2.fits
zCOSMOS BRIGHT DR2 000805853 ZCMRa51 M1 Q4 6 1.fits
zCOSMOS_BRIGHT_DR2_000805873_ZCMRa51_M1_Q4_25_3.fits
zCOSMOS_BRIGHT_DR2_000805879_ZCMRa51_M1_Q4_29_1.fits
zCOSMOS_BRIGHT_DR2_000805880_ZCMRa51_M1_Q4_11_1.fits
zCOSMOS_BRIGHT_DR2_000805889_ZCMRa51_M1_Q3_33_1.fits
zCOSMOS_BRIGHT_DR2_000805946_ZCMRa51_M1_Q4_12_2.fits
```

```
zCOSMOS BRIGHT DR2 000806017 ZCMRa51 M1 Q4 7 1.fits
zCOSMOS_BRIGHT_DR2_000806158_ZCMRa51_M1_Q4_15_1.fits
zCOSMOS_BRIGHT_DR2_000806164_ZCMRa51_M1_Q3_24_6.fits
zCOSMOS_BRIGHT_DR2_000806180_ZCMRa51_M1_Q3_30_1.fits
zCOSMOS BRIGHT DR2 000806198 ZCMRa51 M1 Q4 1 2.fits
zCOSMOS_BRIGHT_DR2_000806224_ZCMRa51_M1_Q4_18_1.fits
z COSMOS\_BRIGHT\_DR2\_000806225\_ZCMRa51\_M1\_Q3\_31\_3. fits
zCOSMOS_BRIGHT_DR2_000806226_ZCMRa51_M1_Q3_31_1.fits
zCOSMOS BRIGHT DR2 000806255 ZCMRa51 M1 Q4 20 1.fits
zCOSMOS_BRIGHT_DR2_000806259_ZCMRa51_M1_Q4_16_1.fits
zCOSMOS_BRIGHT_DR2_000806276_ZCMRa51_M1_Q4_10_5.fits
zCOSMOS_BRIGHT_DR2_000806277_ZCMRa51_M1_Q4_24_1.fits
zCOSMOS_BRIGHT_DR2_000806280_ZCMRa51_M1_Q4_22_1.fits
zCOSMOS_BRIGHT_DR2_000806282_ZCMRa51_M1_Q4_28_1.fits
zCOSMOS_BRIGHT_DR2_000806283_ZCMRa51_M1_Q4_28_2.fits
zCOSMOS_BRIGHT_DR2_000806288_ZCMRa51_M1_Q3_26_1.fits
zCOSMOS_BRIGHT_DR2_000806291_ZCMRa51_M1_Q3_28_2.fits
zCOSMOS_BRIGHT_DR2_000806301_ZCMRa51_M1_Q4_13_1.fits
zCOSMOS_BRIGHT_DR2_000806302_ZCMRa51_M1_Q4_3_1.fits
zCOSMOS_BRIGHT_DR2_000806311_ZCMRa51_M1_Q4_8_1.fits
zCOSMOS_BRIGHT_DR2_000806316_ZCMRa51_M1_Q4_5_1.fits
zCOSMOS_BRIGHT_DR2_000807996_ZCMRa11_M2_Q3_21_1.fits
zCOSMOS_BRIGHT_DR2_000807999_ZCMRa11_M2_Q3_19_1.fits
zCOSMOS_BRIGHT_DR2_000808002_ZCMRa11_M2_Q3_27_1.fits
zCOSMOS_BRIGHT_DR2_000808056_ZCMRa11_M2_Q3_25_1.fits
zCOSMOS_BRIGHT_DR2_000808064_ZCMRa11_M2_Q3_23_1.fits
zCOSMOS_BRIGHT_DR2_000808308_ZCMRa11_M2_Q3_28_1.fits
zCOSMOS_BRIGHT_DR2_000808402_ZCMRa11_M2_Q3_20_2.fits
zCOSMOS_BRIGHT_DR2_000808453_ZCMRa11_M2_Q3_26_1.fits
{\tt zCOSMOS\_BRIGHT\_DR2\_000808474\_ZCMRa11\_M2\_Q3\_18\_1. fits}
zCOSMOS_BRIGHT_DR2_000808477_ZCMRa11_M2_Q3_16_2.fits
zCOSMOS_BRIGHT_DR2_000808493_ZCMRa11_M2_Q3_24_1.fits
z COSMOS\_BRIGHT\_DR2\_000808551\_ZCMRa11\_M2\_Q3\_22\_1. fits
zCOSMOS_BRIGHT_DR2_000808572_ZCMRa11_M2_Q3_17_1.fits
zCOSMOS_BRIGHT_DR2_000811318_ZCMRa51_M1_Q2_21_1.fits
zCOSMOS_BRIGHT_DR2_000811323_ZCMRa51_M1_Q2_7_1.fits
z COSMOS\_BRIGHT\_DR2\_000811329\_ZCMRa51\_M1\_Q2\_19\_2. fits
zCOSMOS_BRIGHT_DR2_000811346_ZCMRa51_M1_Q2_14_1.fits
zCOSMOS_BRIGHT_DR2_000811359_ZCMRa51_M1_Q2_9_1.fits
zCOSMOS BRIGHT DR2 000811364 ZCMRa51 M1 O2 17 2.fits
zCOSMOS_BRIGHT_DR2_000811388_ZCMRa51_M1_Q2_12_1.fits
zCOSMOS_BRIGHT_DR2_000811411_ZCMRa51_M1_Q2_16_1.fits
zCOSMOS_BRIGHT_DR2_000811415_ZCMRa51_M1_Q2_10_1.fits
zCOSMOS_BRIGHT_DR2_000811437_ZCMRa51_M1_Q2_1_2.fits
zCOSMOS_BRIGHT_DR2_000811590_ZCMRa51_M1_Q2_2_1.fits
zCOSMOS BRIGHT DR2 000811784 ZCMRa51 M1 Q2 6 2.fits
zCOSMOS_BRIGHT_DR2_000811791_ZCMRa51_M1_Q2_20_1.fits
zCOSMOS_BRIGHT_DR2_000811836_ZCMRa51_M1_Q2_18_1.fits
zCOSMOS_BRIGHT_DR2_000811842_ZCMRa51_M1_Q2_3_1.fits
zCOSMOS_BRIGHT_DR2_000811844_ZCMRa51_M1_Q2_11_1.fits
zCOSMOS_BRIGHT_DR2_000811891_ZCMRa51_M1_Q2_15_1.fits
zCOSMOS_BRIGHT_DR2_000811907_ZCMRa51_M1_Q2_8_1.fits
zCOSMOS_BRIGHT_DR2_000811911_ZCMRa51_M1_Q2_13_2.fits
zCOSMOS_BRIGHT_DR2_000811918_ZCMRa51_M1_Q2_4_1.fits
zCOSMOS_BRIGHT_DR2_000812143_ZCMRa51_M1_Q3_14_1.fits
zCOSMOS_BRIGHT_DR2_000812145_ZCMRa51_M1_Q3_10_1.fits
zCOSMOS_BRIGHT_DR2_000812151_ZCMRa51_M1_Q3_19_1.fits
zCOSMOS_BRIGHT_DR2_000812171_ZCMRa51_M1_Q3_5_1.fits
zCOSMOS_BRIGHT_DR2_000812208_ZCMRa51_M1_Q3_21_1.fits
zCOSMOS_BRIGHT_DR2_000812210_ZCMRa51_M1_Q3_21_2.fits
zCOSMOS_BRIGHT_DR2_000812232_ZCMRa51_M1_Q3_23_1.fits
zCOSMOS_BRIGHT_DR2_000812244_ZCMRa51_M1_Q3_16_2.fits
zCOSMOS_BRIGHT_DR2_000812247_ZCMRa51_M1_Q3_16_1.fits
zCOSMOS_BRIGHT_DR2_000812275_ZCMRa51_M1_Q3_2_1.fits
zCOSMOS_BRIGHT_DR2_000812284_ZCMRa51_M1_Q3_12_4.fits
zCOSMOS_BRIGHT_DR2_000812364_ZCMRa51_M1_Q3_6_1.fits
zCOSMOS_BRIGHT_DR2_000812367_ZCMRa51_M1_Q3_17_2.fits
zCOSMOS_BRIGHT_DR2_000812372_ZCMRa51_M1_Q3_17_1.fits
zCOSMOS_BRIGHT_DR2_000812395_ZCMRa51_M1_Q3_7_1.fits
zCOSMOS_BRIGHT_DR2_000812454_ZCMRa51_M1_Q3_8_1.fits
zCOSMOS_BRIGHT_DR2_000812551_ZCMRa51_M1_Q3_3_1.fits
zCOSMOS_BRIGHT_DR2_000812574_ZCMRa51_M1_Q3_4_1.fits
zCOSMOS_BRIGHT_DR2_000812614_ZCMRa51_M1_Q3_18_2.fits
```

```
zCOSMOS BRIGHT DR2 000812620 ZCMRa51 M1 Q3 13 4.fits
zCOSMOS_BRIGHT_DR2_000812631_ZCMRa51_M1_Q3_20_2.fits
zCOSMOS_BRIGHT_DR2_000812632_ZCMRa51_M1_Q3_9_1.fits
zCOSMOS_BRIGHT_DR2_000812633_ZCMRa51_M1_Q3_15_1.fits
zCOSMOS BRIGHT DR2 000812652 ZCMRa51 M1 Q3 22 1.fits
zCOSMOS_BRIGHT_DR2_000812660_ZCMRa51_M1_Q3_1_1.fits
z COSMOS\_BRIGHT\_DR2\_000812667\_ZCMRa51\_M1\_Q3\_11\_1. fits
zCOSMOS_BRIGHT_DR2_000814328_ZCMRa11_M2_Q3_7_1.fits
zCOSMOS BRIGHT DR2 000814373 ZCMRa11 M2 Q3 4 1.fits
zCOSMOS_BRIGHT_DR2_000814414_ZCMRa11_M2_Q3_11_1.fits
zCOSMOS_BRIGHT_DR2_000814439_ZCMRa11_M2_Q3_1_1.fits
zCOSMOS_BRIGHT_DR2_000814462_ZCMRa11_M2_Q3_15_2.fits
zCOSMOS_BRIGHT_DR2_000814463_ZCMRa11_M2_Q3_15_3.fits
zCOSMOS_BRIGHT_DR2_000814465_ZCMRa11_M2_Q3_9_1.fits
zCOSMOS_BRIGHT_DR2_000814473_ZCMRa11_M2_Q3_8_1.fits
zCOSMOS_BRIGHT_DR2_000814686_ZCMRa11_M2_Q3_14_1.fits
zCOSMOS_BRIGHT_DR2_000814742_ZCMRa11_M2_Q3_12_1.fits
zCOSMOS_BRIGHT_DR2_000814748_ZCMRa11_M2_Q3_5_1.fits
zCOSMOS BRIGHT DR2 000814795 ZCMRa11 M2 Q3 3 1.fits
zCOSMOS_BRIGHT_DR2_000814797_ZCMRa11_M2_Q3_2_1.fits
zCOSMOS_BRIGHT_DR2_000814809_ZCMRa11_M2_Q3_10_1.fits
zCOSMOS_BRIGHT_DR2_000814862_ZCMRa11_M2_Q3_13_1.fits
zCOSMOS_BRIGHT_DR2_000814881_ZCMRa11_M2_Q3_6_1.fits
zCOSMOS_BRIGHT_DR2_000825617_ZCMRa37_M1_Q1_25_1.fits
zCOSMOS_BRIGHT_DR2_000825680_ZCMRa37_M1_Q1_22_1.fits
zCOSMOS_BRIGHT_DR2_000825758_ZCMRa37_M1_Q1_21_1.fits
zCOSMOS_BRIGHT_DR2_000825816_ZCMRa37_M1_Q1_26_1.fits
zCOSMOS_BRIGHT_DR2_000825911_ZCMRa37_M1_Q1_27_1.fits
zCOSMOS_BRIGHT_DR2_000825950_ZCMRa37_M1_Q1_23_1.fits
zCOSMOS_BRIGHT_DR2_000826236_ZCMRa37_M1_Q4_32_1.fits
zCOSMOS_BRIGHT_DR2_000826253_ZCMRa37_M1_Q4_29_1.fits
zCOSMOS_BRIGHT_DR2_000826653_ZCMRa37_M1_Q4_26_1.fits
zCOSMOS_BRIGHT_DR2_000826711_ZCMRa37_M1_Q4_27_1.fits
zCOSMOS_BRIGHT_DR2_000826712_ZCMRa37_M1_Q4_27_2.fits
zCOSMOS_BRIGHT_DR2_000826718_ZCMRa37_M1_Q4_28_5.fits
zCOSMOS_BRIGHT_DR2_000826772_ZCMRa37_M1_Q4_31_1.fits
zCOSMOS_BRIGHT_DR2_000826779_ZCMRa37_M1_Q4_30_5.fits
{\tt zCOSMOS\_BRIGHT\_DR2\_000832282\_ZCMRa37\_M1\_Q2\_23\_1. fits}
zCOSMOS_BRIGHT_DR2_000832298_ZCMRa37_M1_Q1_20_1.fits
zCOSMOS BRIGHT DR2 000832306 ZCMRa37 M1 O2 20 2.fits
zCOSMOS_BRIGHT_DR2_000832307_ZCMRa37_M1_Q1_3_1.fits
zCOSMOS_BRIGHT_DR2_000832315_ZCMRa37_M1_Q2_18_1.fits
zCOSMOS_BRIGHT_DR2_000832319_ZCMRa37_M1_Q1_10_1.fits
zCOSMOS_BRIGHT_DR2_000832330_ZCMRa37_M1_Q1_17_1.fits
z COSMOS\_BRIGHT\_DR2\_000832341\_ZCMRa37\_M1\_Q2\_27\_1. fits
zCOSMOS_BRIGHT_DR2_000832354_ZCMRa37_M1_Q1_18_2.fits
zCOSMOS_BRIGHT_DR2_000832365_ZCMRa37_M1_Q2_25_1.fits
zCOSMOS_BRIGHT_DR2_000832379_ZCMRa37_M1_Q1_7_2.fits
zCOSMOS_BRIGHT_DR2_000832380_ZCMRa37_M1_Q1_7_1.fits
zCOSMOS_BRIGHT_DR2_000832397_ZCMRa37_M1_Q1_12_4.fits
zCOSMOS_BRIGHT_DR2_000832398_ZCMRa37_M1_Q1_14_5.fits
zCOSMOS_BRIGHT_DR2_000832425_ZCMRa37_M1_Q1_8_1.fits
zCOSMOS_BRIGHT_DR2_000832501_ZCMRa37_M1_Q1_5_2.fits
zCOSMOS_BRIGHT_DR2_000832526_ZCMRa37_M1_Q2_29_1.fits
zCOSMOS_BRIGHT_DR2_000832528_ZCMRa37_M1_Q2_28_1.fits
zCOSMOS_BRIGHT_DR2_000832633_ZCMRa37_M1_Q1_15_1.fits
zCOSMOS_BRIGHT_DR2_000832715_ZCMRa37_M1_Q1_11_1.fits
zCOSMOS_BRIGHT_DR2_000832787_ZCMRa37_M1_Q1_2_1.fits
zCOSMOS_BRIGHT_DR2_000832789_ZCMRa37_M1_Q1_1_1.fits
zCOSMOS_BRIGHT_DR2_000832793_ZCMRa37_M1_Q1_4_1.fits
zCOSMOS_BRIGHT_DR2_000832819_ZCMRa37_M1_Q2_17_1.fits
zCOSMOS_BRIGHT_DR2_000832822_ZCMRa37_M1_Q1_9_1.fits
zCOSMOS_BRIGHT_DR2_000832825_ZCMRa37_M1_Q2_19_1.fits
zCOSMOS_BRIGHT_DR2_000832847_ZCMRa37_M1_Q2_24_1.fits
zCOSMOS_BRIGHT_DR2_000832850_ZCMRa37_M1_Q2_22_5.fits
zCOSMOS_BRIGHT_DR2_000832859_ZCMRa37_M1_Q2_21_1.fits
zCOSMOS_BRIGHT_DR2_000832877_ZCMRa37_M1_Q1_19_1.fits
zCOSMOS_BRIGHT_DR2_000832878_ZCMRa37_M1_Q1_16_2.fits
z COSMOS\_BRIGHT\_DR2\_000832879\_Z CMRa37\_M1\_Q2\_26\_1. fits
zCOSMOS_BRIGHT_DR2_000832902_ZCMRa37_M1_Q2_12_2.fits
zCOSMOS_BRIGHT_DR2_000832906_ZCMRa37_M1_Q2_15_1.fits
zCOSMOS_BRIGHT_DR2_000832909_ZCMRa37_M1_Q1_6_1.fits
zCOSMOS_BRIGHT_DR2_000832911_ZCMRa37_M1_Q2_15_2.fits
```

```
zCOSMOS BRIGHT DR2 000832922 ZCMRa37 M1 Q1 13 2.fits
zCOSMOS_BRIGHT_DR2_000833142_ZCMRa37_M1_Q4_16_5.fits
z COSMOS\_BRIGHT\_DR2\_000833159\_Z CMRa37\_M1\_Q4\_11\_1. fits
zCOSMOS_BRIGHT_DR2_000833160_ZCMRa37_M1_Q3_28_5.fits
zCOSMOS BRIGHT DR2 000833162 ZCMRa37 M1 Q3 28 4.fits
zCOSMOS_BRIGHT_DR2_000833169_ZCMRa37_M1_Q4_19_1.fits
z COSMOS\_BRIGHT\_DR2\_000833171\_ZCMRa37\_M1\_Q4\_21\_1. fits
zCOSMOS_BRIGHT_DR2_000833172_ZCMRa37_M1_Q4_9_2.fits
zCOSMOS BRIGHT DR2 000833175 ZCMRa37 M1 Q4 5 1.fits
zCOSMOS_BRIGHT_DR2_000833176_ZCMRa37_M1_Q4_5_2.fits
zCOSMOS_BRIGHT_DR2_000833185_ZCMRa37_M1_Q3_26_1.fits zCOSMOS_BRIGHT_DR2_000833188_ZCMRa37_M1_Q4_25_1.fits
zCOSMOS_BRIGHT_DR2_000833192_ZCMRa37_M1_Q4_17_1.fits
zCOSMOS_BRIGHT_DR2_000833193_ZCMRa37_M1_Q4_17_2.fits
zCOSMOS_BRIGHT_DR2_000833198_ZCMRa37_M1_Q4_7_1.fits zCOSMOS_BRIGHT_DR2_000833206_ZCMRa37_M1_Q3_21_1.fits
zCOSMOS_BRIGHT_DR2_000833220_ZCMRa37_M1_Q3_22_1.fits
zCOSMOS_BRIGHT_DR2_000833230_ZCMRa37_M1_Q3_24_2.fits
zCOSMOS_BRIGHT_DR2_000833232_ZCMRa37_M1_Q3_24_1.fits
zCOSMOS_BRIGHT_DR2_000833235_ZCMRa37_M1_Q4_13_1.fits
zCOSMOS_BRIGHT_DR2_000833242_ZCMRa37_M1_Q4_23_1.fits
zCOSMOS_BRIGHT_DR2_000833295_ZCMRa37_M1_Q4_3_2.fits
zCOSMOS_BRIGHT_DR2_000833365_ZCMRa37_M1_Q3_29_1.fits
zCOSMOS_BRIGHT_DR2_000833374_ZCMRa37_M1_Q3_30_1.fits
zCOSMOS_BRIGHT_DR2_000833624_ZCMRa37_M1_Q4_14_1.fits
zCOSMOS_BRIGHT_DR2_000833644_ZCMRa37_M1_Q4_1_1.fits
zCOSMOS_BRIGHT_DR2_000833655_ZCMRa37_M1_Q3_32_1.fits
zCOSMOS_BRIGHT_DR2_000833656_ZCMRa37_M1_Q4_15_2.fits
zCOSMOS_BRIGHT_DR2_000833657_ZCMRa37_M1_Q4_4_1.fits
zCOSMOS_BRIGHT_DR2_000833664_ZCMRa37_M1_Q4_24_1.fits
zCOSMOS_BRIGHT_DR2_000833673_ZCMRa37_M1_Q4_20_1.fits
zCOSMOS_BRIGHT_DR2_000833677_ZCMRa37_M1_Q4_10_1.fits
zCOSMOS_BRIGHT_DR2_000833699_ZCMRa37_M1_Q4_8_1.fits
zCOSMOS_BRIGHT_DR2_000833705_ZCMRa37_M1_Q3_31_1.fits
zCOSMOS_BRIGHT_DR2_000833706_ZCMRa37_M1_Q3_25_1.fits
zCOSMOS_BRIGHT_DR2_000833712_ZCMRa37_M1_Q3_20_1.fits
zCOSMOS_BRIGHT_DR2_000833731_ZCMRa37_M1_Q4_12_2.fits
z COSMOS\_BRIGHT\_DR2\_000833734\_ZCMRa37\_M1\_Q4\_12\_1. fits
zCOSMOS_BRIGHT_DR2_000833735_ZCMRa37_M1_Q3_27_2.fits
zCOSMOS BRIGHT DR2 000833741 ZCMRa37 M1 O4 6 1.fits
zCOSMOS_BRIGHT_DR2_000833753_ZCMRa37_M1_Q4_18_2.fits
zCOSMOS_BRIGHT_DR2_000833781_ZCMRa37_M1_Q3_23_1.fits
zCOSMOS_BRIGHT_DR2_000833790_ZCMRa37_M1_Q4_2_3.fits
zCOSMOS_BRIGHT_DR2_000838259_ZCMRa68_M1_Q3_8_3.fits
z COSMOS\_BRIGHT\_DR2\_000838272\_Z CMRa68\_M1\_Q3\_31\_1. fits
zCOSMOS BRIGHT DR2 000838276 ZCMRa68 M1 Q3 15 1.fits
zCOSMOS_BRIGHT_DR2_000838277_ZCMRa68_M1_Q3_46_2.fits
zCOSMOS_BRIGHT_DR2_000838301_ZCMRa68_M1_Q3_10_1.fits
zCOSMOS_BRIGHT_DR2_000838309_ZCMRa68_M1_Q3_26_1.fits
zCOSMOS_BRIGHT_DR2_000838322_ZCMRa68_M1_Q3_45_1.fits
zCOSMOS_BRIGHT_DR2_000838333_ZCMRa68_M1_Q3_6_1.fits
zCOSMOS_BRIGHT_DR2_000838337_ZCMRa68_M1_Q3_33_1.fits
zCOSMOS_BRIGHT_DR2_000838343_ZCMRa68_M1_Q3_35_1.fits
zCOSMOS_BRIGHT_DR2_000838359_ZCMRa68_M1_Q3_22_1.fits
zCOSMOS_BRIGHT_DR2_000838363_ZCMRa68_M1_Q3_12_1.fits
zCOSMOS_BRIGHT_DR2_000838387_ZCMRa68_M1_Q3_43_2.fits
zCOSMOS_BRIGHT_DR2_000838398_ZCMRa68_M1_Q3_47_1.fits
zCOSMOS_BRIGHT_DR2_000838429_ZCMRa68_M1_Q3_24_1.fits
zCOSMOS_BRIGHT_DR2_000838449_ZCMRa68_M1_Q3_29_2.fits
zCOSMOS_BRIGHT_DR2_000838453_ZCMRa68_M1_Q3_37_1.fits
zCOSMOS_BRIGHT_DR2_000838470_ZCMRa68_M1_Q3_4_1.fits
zCOSMOS_BRIGHT_DR2_000838560_ZCMRa68_M1_Q3_27_5.fits
zCOSMOS_BRIGHT_DR2_000838662_ZCMRa68_M1_Q3_17_1.fits
zCOSMOS_BRIGHT_DR2_000838708_ZCMRa68_M1_Q3_20_1.fits
zCOSMOS_BRIGHT_DR2_000838799_ZCMRa68_M1_Q3_7_1.fits
zCOSMOS_BRIGHT_DR2_000838835_ZCMRa68_M1_Q3_13_1.fits
zCOSMOS_BRIGHT_DR2_000838849_ZCMRa68_M1_Q3_44_1.fits
zCOSMOS_BRIGHT_DR2_000838861_ZCMRa68_M1_Q3_34_2.fits
zCOSMOS_BRIGHT_DR2_000838881_ZCMRa68_M1_Q3_38_1.fits
zCOSMOS_BRIGHT_DR2_000838895_ZCMRa68_M1_Q3_9_1.fits
zCOSMOS BRIGHT DR2 000838904 ZCMRa68 M1 Q3 40 1.fits
zCOSMOS_BRIGHT_DR2_000838918_ZCMRa68_M1_Q3_5_1.fits
zCOSMOS_BRIGHT_DR2_000838919_ZCMRa68_M1_Q3_25_1.fits
```

```
zCOSMOS BRIGHT DR2 000838926 ZCMRa68 M1 Q3 32 1.fits
zCOSMOS_BRIGHT_DR2_000838930_ZCMRa68_M1_Q3_30_2.fits
zCOSMOS_BRIGHT_DR2_000838943_ZCMRa68_M1_Q3_14 1.fits
zCOSMOS_BRIGHT_DR2_000838954_ZCMRa68_M1_Q3_21_1.fits
zCOSMOS_BRIGHT_DR2_000838961_ZCMRa68_M1_Q3_11_1.fits
zCOSMOS_BRIGHT_DR2_000838965_ZCMRa68_M1_Q3_23_1.fits
z COSMOS\_BRIGHT\_DR2\_000838975\_ZCMRa68\_M1\_Q3\_36\_1. fits
zCOSMOS_BRIGHT_DR2_000838982_ZCMRa68_M1_Q3_18_2.fits
zCOSMOS BRIGHT DR2 000838995 ZCMRa68 M1 Q3 28 1.fits
zCOSMOS_BRIGHT_DR2_000838998_ZCMRa68_M1_Q3_42_1.fits
zCOSMOS_BRIGHT_DR2_000839530_ZCMRa37_M1_Q2_3_1.fits zCOSMOS_BRIGHT_DR2_000839536_ZCMRa37_M1_Q2_11_1.fits
zCOSMOS_BRIGHT_DR2_000839540_ZCMRa37_M1_Q2_9_1.fits
zCOSMOS_BRIGHT_DR2_000839640_ZCMRa37_M1_Q2_13_1.fits
zCOSMOS\_BRIGHT\_DR2\_000839751\_ZCMRa37\_M1\_Q2\_4\_1. fits \\ zCOSMOS\_BRIGHT\_DR2\_000839821\_ZCMRa37\_M1\_Q2\_6\_1. fits \\
zCOSMOS_BRIGHT_DR2_000839906_ZCMRa37_M1_Q2_5_3.fits
zCOSMOS_BRIGHT_DR2_000839996_ZCMRa37_M1_Q2_7_1.fits
zCOSMOS_BRIGHT_DR2_000840007_ZCMRa37_M1_Q2_1_1.fits
zCOSMOS_BRIGHT_DR2_000840168_ZCMRa37_M1_Q2_10_2.fits
zCOSMOS_BRIGHT_DR2_000840231_ZCMRa37_M1_Q2_2_1.fits
zCOSMOS_BRIGHT_DR2_000840455_ZCMRa37_M1_Q3_7_1.fits
zCOSMOS_BRIGHT_DR2_000840470_ZCMRa37_M1_Q3_3_1.fits
zCOSMOS_BRIGHT_DR2_000840477_ZCMRa37_M1_Q3_5_2.fits
zCOSMOS_BRIGHT_DR2_000840522_ZCMRa37_M1_Q3_11_1.fits
zCOSMOS_BRIGHT_DR2_000840536_ZCMRa37_M1_Q3_9_1.fits
zCOSMOS_BRIGHT_DR2_000840575_ZCMRa37_M1_Q3_13_4.fits
zCOSMOS_BRIGHT_DR2_000840625_ZCMRa37_M1_Q3_16_1.fits
zCOSMOS_BRIGHT_DR2_000840682_ZCMRa37_M1_Q3_18_1.fits
zCOSMOS_BRIGHT_DR2_000840738_ZCMRa37_M1_Q3_14_5.fits
zCOSMOS_BRIGHT_DR2_000840794_ZCMRa37_M1_Q3_19_1.fits
zCOSMOS_BRIGHT_DR2_000840828_ZCMRa37_M1_Q3_17_1.fits
zCOSMOS_BRIGHT_DR2_000840830_ZCMRa37_M1_Q3_17_2.fits
zCOSMOS_BRIGHT_DR2_000840915_ZCMRa37_M1_Q3_4_1.fits
zCOSMOS_BRIGHT_DR2_000840918_ZCMRa37_M1_Q3_15_1.fits
zCOSMOS_BRIGHT_DR2_000840945_ZCMRa37_M1_Q3_1_1.fits
zCOSMOS_BRIGHT_DR2_000840975_ZCMRa37_M1_Q3_2_1.fits
z COSMOS\_BRIGHT\_DR2\_000840978\_ZCMRa37\_M1\_Q3\_6\_1. fits
zCOSMOS_BRIGHT_DR2_000840985_ZCMRa37_M1_Q3_10_1.fits
zCOSMOS BRIGHT DR2 000840987 ZCMRa37 M1 O3 12 1.fits
zCOSMOS_BRIGHT_DR2_000840995_ZCMRa37_M1_Q3_8_1.fits
zCOSMOS_BRIGHT_DR2_000845361_ZCMRa68_M1_Q3_3_1.fits
zCOSMOS_BRIGHT_DR2_000845628_ZCMRa68_M1_Q3_1_2.fits
zCOSMOS_BRIGHT_DR2_000845910_ZCMRa68_M1_Q3_2_1.fits
zCOSMOS_BRIGHT_DR2_000847182_ZCMRa20_M2_Q2_15_4.fits
zCOSMOS BRIGHT DR2 000847189 ZCMRa20 M2 Q2 17 5.fits
zCOSMOS_BRIGHT_DR2_000847274_ZCMRa20_M2_Q2_22_1.fits
zCOSMOS_BRIGHT_DR2_000847297_ZCMRa20_M2_Q2_18_2.fits
zCOSMOS_BRIGHT_DR2_000847361_ZCMRa20_M2_Q2_21_2.fits
zCOSMOS_BRIGHT_DR2_000847415_ZCMRa20_M2_Q2_20_2.fits
zCOSMOS_BRIGHT_DR2_000847416_ZCMRa20_M2_Q2_20_1.fits
zCOSMOS_BRIGHT_DR2_000847499_ZCMRa20_M2_Q2_19_1.fits
zCOSMOS_BRIGHT_DR2_000847581_ZCMRa20_M2_Q2_16_5.fits
zCOSMOS_BRIGHT_DR2_000851797_ZCMRa20_M2_Q2_9_1.fits
zCOSMOS_BRIGHT_DR2_000851832_ZCMRa20_M2_Q2_11_1.fits
zCOSMOS_BRIGHT_DR2_000851898_ZCMRa20_M2_Q2_6_1.fits
zCOSMOS_BRIGHT_DR2_000851910_ZCMRa20_M2_Q2_5_1.fits
zCOSMOS_BRIGHT_DR2_000851946_ZCMRa20_M2_Q2_2_1.fits
zCOSMOS_BRIGHT_DR2_000851977_ZCMRa20_M2_Q2_3_1.fits
zCOSMOS_BRIGHT_DR2_000852024_ZCMRa20_M2_Q2_1_3.fits
zCOSMOS_BRIGHT_DR2_000852081_ZCMRa20_M2_Q2_7_1.fits
zCOSMOS_BRIGHT_DR2_000852096_ZCMRa20_M2_Q2_12_1.fits
zCOSMOS_BRIGHT_DR2_000852119_ZCMRa20_M2_Q2_4_1.fits
zCOSMOS_BRIGHT_DR2_000852155_ZCMRa20_M2_Q2_8_1.fits
zCOSMOS_BRIGHT_DR2_000852178_ZCMRa20_M2_Q2_10_1.fits
zCOSMOS_BRIGHT_DR2_000900056_ZCMRa37_M1_Q2_8_1.fits
zCOSMOS_BRIGHT_DR2_000950050_ZCMRa37_M1_Q4_18_3.fits
```