

**Table 2: Explanation for the data products.**

	Product name [Product key ★]	Product property [1]	Instruments [2]	Attitude modes [3]	wavelength <sup>N5)</sup>	Number of objects	Sensitivity	Description
1	AKARI Pointed Observation Data v.1 (Phase1 and 2) [AKARI__Pointed_RawDataPack_1.0]	Raw data	FIS & IRC	Staring and Slow scan mode	all band	---		FIS and IRC Raw data of pointing observation (imaging and spectroscopy) before helium depletion.
	AKARI Pointed Observation Data v.2 (Phase3) [AKARI__Pointed_RawDataPack_2.0]		IRC		2, 3 and 4 $\mu\text{m}/1.7\text{-}5.4\mu\text{m}$	---	Number of objects	IRC Raw data of pointing observation (imaging and spectroscopy) after helium depletion.
2	AKARI/FIS Bright Source Catalogue Version 1.0 [AKARI-FIS_Catalogue_AllSky_BrightSource_1.0]	Catalogue	FIS	All sky	65, 90, 140 and 160 $\mu\text{m}$	427,071	0.55 Jy@90 $\mu\text{m}$	Bright point source all sky catalog using FIS.
	AKARI/FIS Bright Source Catalogue Version 2.0 [AKARI-FIS_Catalogue_AllSky_BrightSource_2.0]		FIS	All sky	65, 90, 140 and 160 $\mu\text{m}$	501,444	$\sim 0.5$ Jy@90 $\mu\text{m}$	Bright point source all sky catalog version 2 using FIS, reflecting improvements in processing method and detectors calibration.
3	AKARI/IRC Point Source Catalogue Version 1.0 [AKARI-IRC_Catalogue_AllSky_PointSource_1.0]		IRC	All sky	9 & 18 $\mu\text{m}$	870,973	0.045 Jy@9 $\mu\text{m}$	Bright point source all sky catalog using IRC.
4	AKARI Asteroid Catalog Version 1.0 [AKARI-IRC_Catalogue_AllSky_AcuA_1.0]		IRC	All sky	9 & 18 $\mu\text{m}$	5,120		Asteroid catalog with all-sky survey data by IRC.
5	AKARI Asteroid Flux Catalog Ver.1 [AKARI-IRC_Catalogue_AllSky_ASTFLUX_1.0]		IRC	All sky	3, 4, 7, 9, 11, 15, 18 and 24 $\mu\text{m}$	5,201		Asteroid Flux Catalog contains photometric data of 5201 asteroids observed with the IRC.
6	Asteroid Catalog Using AKARI IRC Slow-Scan [AKARI-IRC_Catalogue_Pointed_AcuA-ISS_1.0]		IRC	Slow scan	9 & 18 $\mu\text{m}$	88		Asteroid catalog by using slow scan observation data by IRC.
7	The AKARI-LMC Point Source Catalogue [AKARI-IRC_Catalogue_Pointed_LMCPointSource_1.0]		IRC	Staring mode	3, 7, 11, 15, 24 $\mu\text{m}$	802,285	The 10 sigma limiting magnitudes are estimated as 17.9, 13.8, 12.4, 9.9 and 8.6 mag at N3, S7, S11, L15, and L24, respectively	IRC point source catalog in LMC (Large Magellanic Cloud).
8	The AKARI-NEP-Wide Source Catalogue Version 1 [AKARI-IRC_Catalogue_Pointed_NEPWide_1.0]		IRC	Staring mode	2, 3, 4, 7, 9, 11, 15, 18 and 24 $\mu\text{m}$	114,794		IRC point source catalog of wide-field (5.4 square degrees) celestial bodies near the North Polar Spur.
	The AKARI-NEP-Deep Source Catalogue Version 1 [AKARI-IRC_Catalogue_Pointed_NEPDeep_1.0]		IRC	Staring mode	7, 9, 11, 15 and 18 $\mu\text{m}$	7,284		IRC point source catalog in the narrow area (0.67 square degree) near the North Polar Spur.
	The AKARI-NEP-Deep Source Catalogue Version 2 [AKARI-IRC_Catalogue_Pointed_NEPDeep_2.0]		IRC	Staring mode	2, 3, 4, 7, 9, 11, 15, 18 and 24 $\mu\text{m}$	27,770		IRC source catalog version 2 in the narrow area near the North Polar Spur, reflecting improvements in processing method and detectors calibration.

	Product name [Product key★]	Product property [1]	Instruments [2]	Attitude modes [3]	wavelength <sup>NS)</sup>	Number of objects	Sensitivity	Description
9	AKARI Far-infrared All-Sky Survey Maps Version 2.1 [AKARI-FIS_Image_AllSky_Map_2.1]	Image	FIS	All sky	65, 90, 140 and 160 $\mu\text{m}$	---		All-sky image of 4 bands by FIS. Spatial resolution about 5 times compared with IRAS.
10	AKARI/IRC All-Sky Image Maps Version 1.0 [in preparation]		IRC	All sky	9 & 18 $\mu\text{m}$	---		All-sky image of 2 bands by IRC.
11	IRC Pointed Observation Images [AKARI-IRC_Image_Pointed_POI_1.0]		IRC	Staring mode	2, 3, 4, 7, 9, 11, 15, 18 and 24 $\mu\text{m}$	---		Higher order imaging data of IRC pointing observation.
	IRC Pointed Observation Images (Post-Helium Mission) [AKARI-IRC_Image_Pointed_POI_2.0]		IRC	Staring mode	2, 3, and 4 $\mu\text{m}$	---		Higher order imaging data of IRC pointing observation after helium depletion.
12	The AKARI-LMC Near-infrared Spectroscopic Catalogue [AKARI-IRC_Spectrum_Pointed_LMCPPointSource_1.0]	Spectrum	IRC	Staring mode	2.5–5.0 $\mu\text{m}$	2,111	The saturation limits are ~0.1 and ~0.5–1.0 Jy	Spectroscopic data of LMC point sources (stars) by IRC.
13	AKARI-IRC NIR Low-resolution Spectral Catalogue of Diffuse Sky Patches [AKARI-IRC_Spectrum_Pointed_DiffuseSkyPatch_1.0]		IRC	Staring mode	1.8–5.3 $\mu\text{m}$	278		Low dispersion spectroscopic data of zodiac light and background light by IRC.
14	AKARI Near-infrared Spectral Atlas of Galactic HII regions [AKARI-IRC_Spectrum_Pointed_GALHII_1.0]		IRC	Staring mode	1.7–5.4 $\mu\text{m}$ and/or 2.5–5.0 $\mu\text{m}$	464		Spectroscopic data of HII region (gas nebula) in the galaxy by IRC.
15	AKARI/IRC NIR Spectral Atlas of Galactic Planetary Nebulae [AKARI-IRC_Spectrum_Pointed_GALPN_1.0]		IRC	Staring mode	2.5–5 $\mu\text{m}$	72		Spectroscopic data of the planetary nebula in our galaxy by IRC.
16	IRC Point Source Spectroscopy Data [AKARI-IRC_Spectrum_Pointed_ShortSlit_1.0]		IRC	Staring mode	1.7–5.4 $\mu\text{m}$ and/or 2.5–5.0 $\mu\text{m}$	---		Phase 1 and 2 NG; 217 pointing data Phase 3 NG, NP; 5495 pointing data
17	AKARI Near Infrared Asteroid Spectral Catalog Ver.1 [AKARI-IRC_Spectrum_Pointed_AcuA_1.0]		IRC	Staring mode	2.5–5 $\mu\text{m}$	64		Spectroscopic data of 64 asteroids by IRC.
18	AKARI/IRC MIR-S slit-less spectroscopic catalogue [AKARI-IRC_Spectrum_Pointed_Slitless_MIR_1.0] [AKARI-IRC_Spectrum_Pointed_SlitlessMIR_1.0]▲		IRC	Staring mode	5.5–12.5 $\mu\text{m}$	604		Mid infrared slit-less spectroscopic data by IRC.
<p>★ DARTS defines product keys according to the following rule: "Satellite name - Instrument _ Product property _ attitude mode _ Product abbreviation _ version".  These product keys are used in URLs for the data products and the corresponding web pages as follows:  Data URL <a href="https://darts.isas.jaxa.jp/pub/akari/[Product Key]">https://darts.isas.jaxa.jp/pub/akari/[Product Key]</a>  web page URL <a href="https://darts.isas.jaxa.jp/astro/akari/data/[Product Key].html">https://darts.isas.jaxa.jp/astro/akari/data/[Product Key].html</a></p>								
<p>Revision history  ▲ Renamed the product key according to the naming rule</p>								