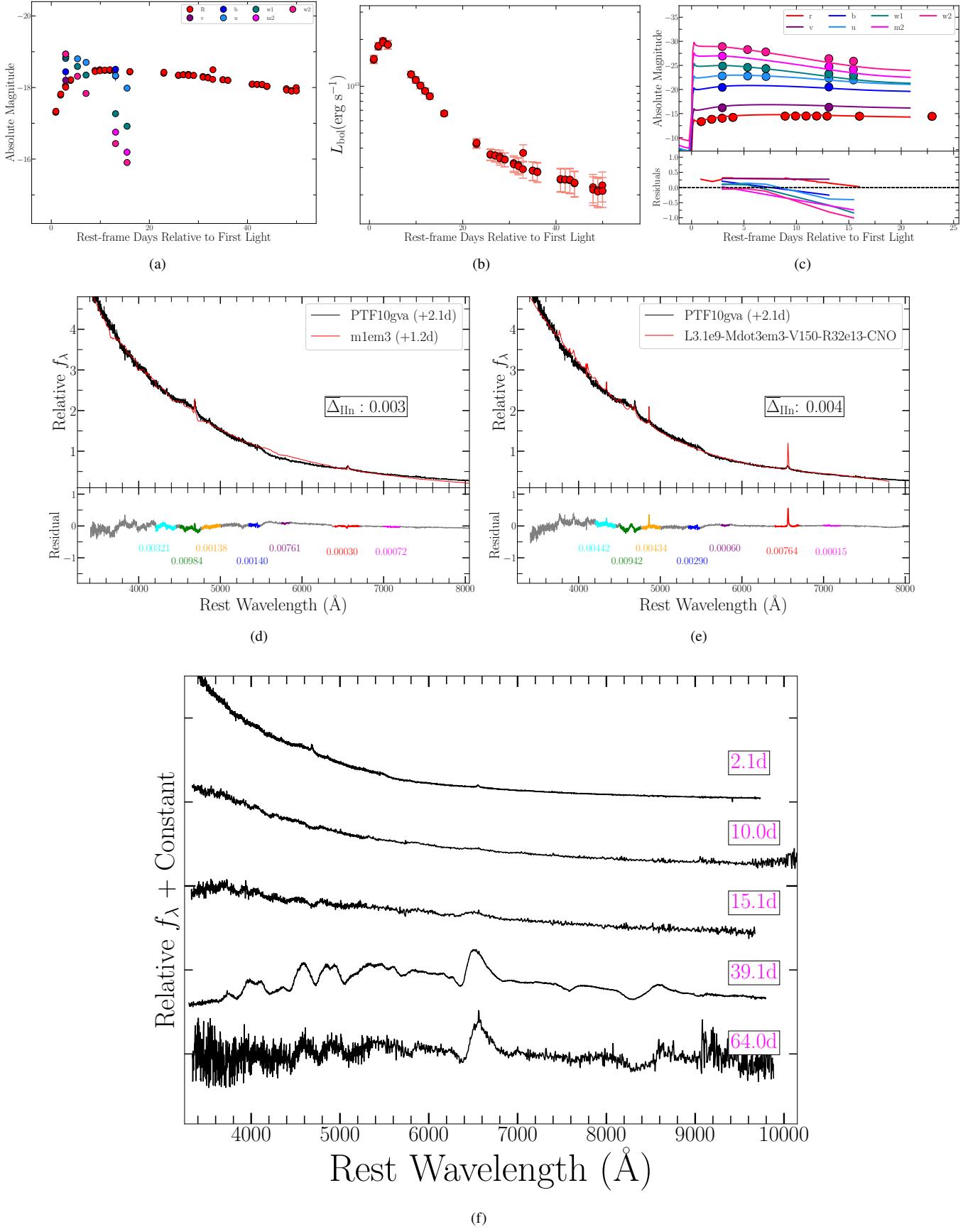


## Final Moments II: Observational Properties and Physical Modeling of CSM-Interacting Type II Supernovae

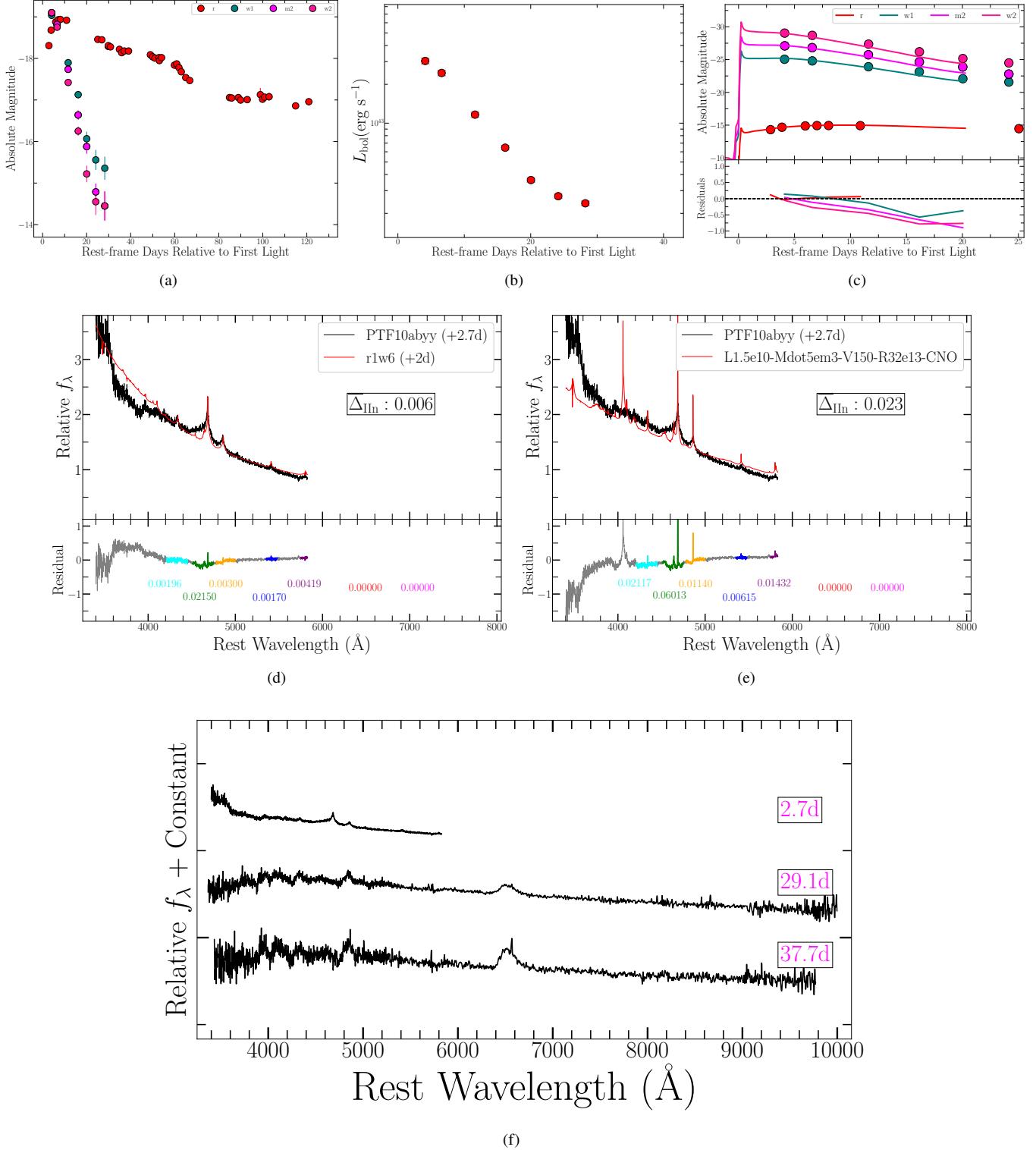
### 1. SUPPLEMENTARY FIGURES

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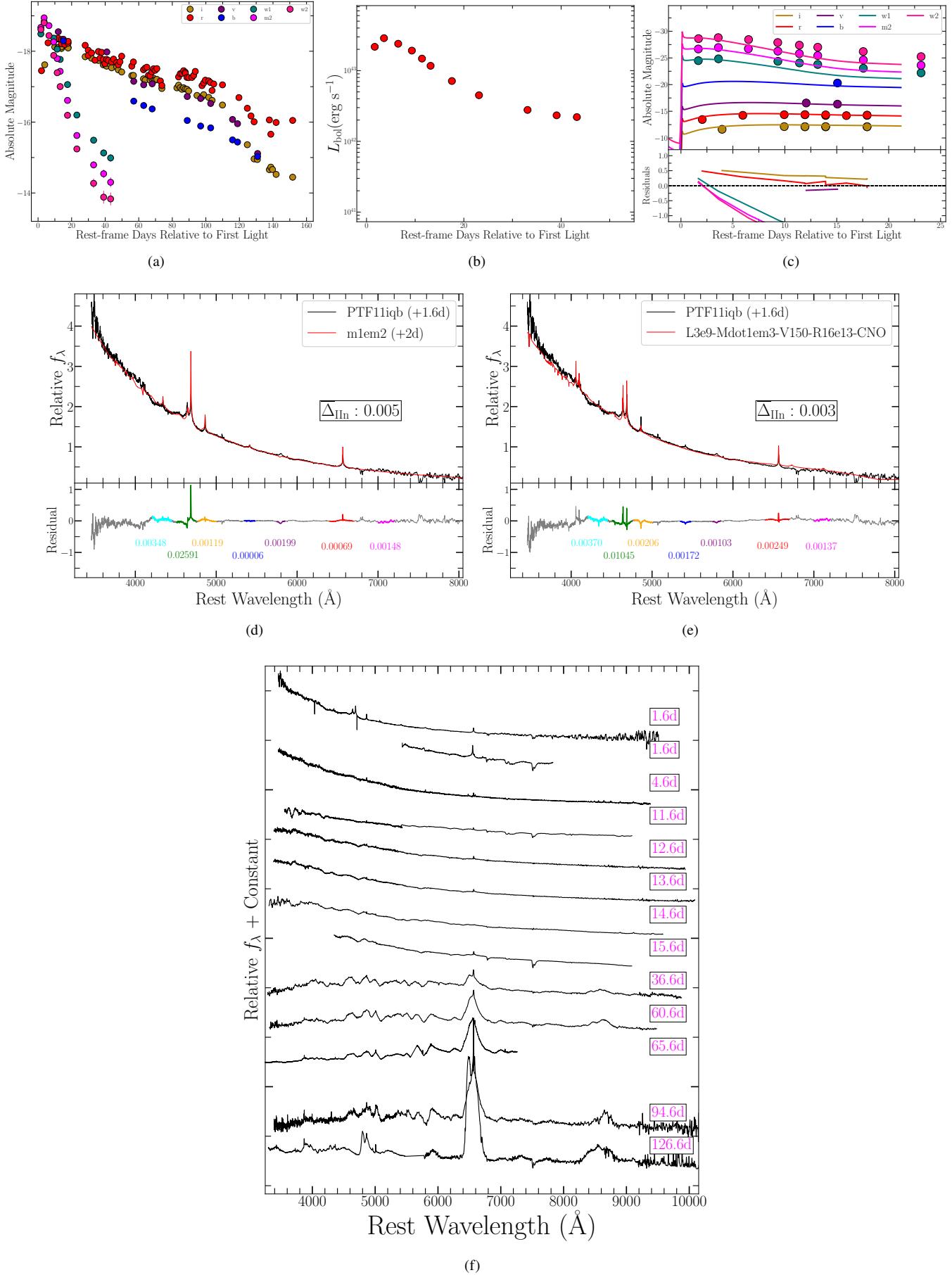
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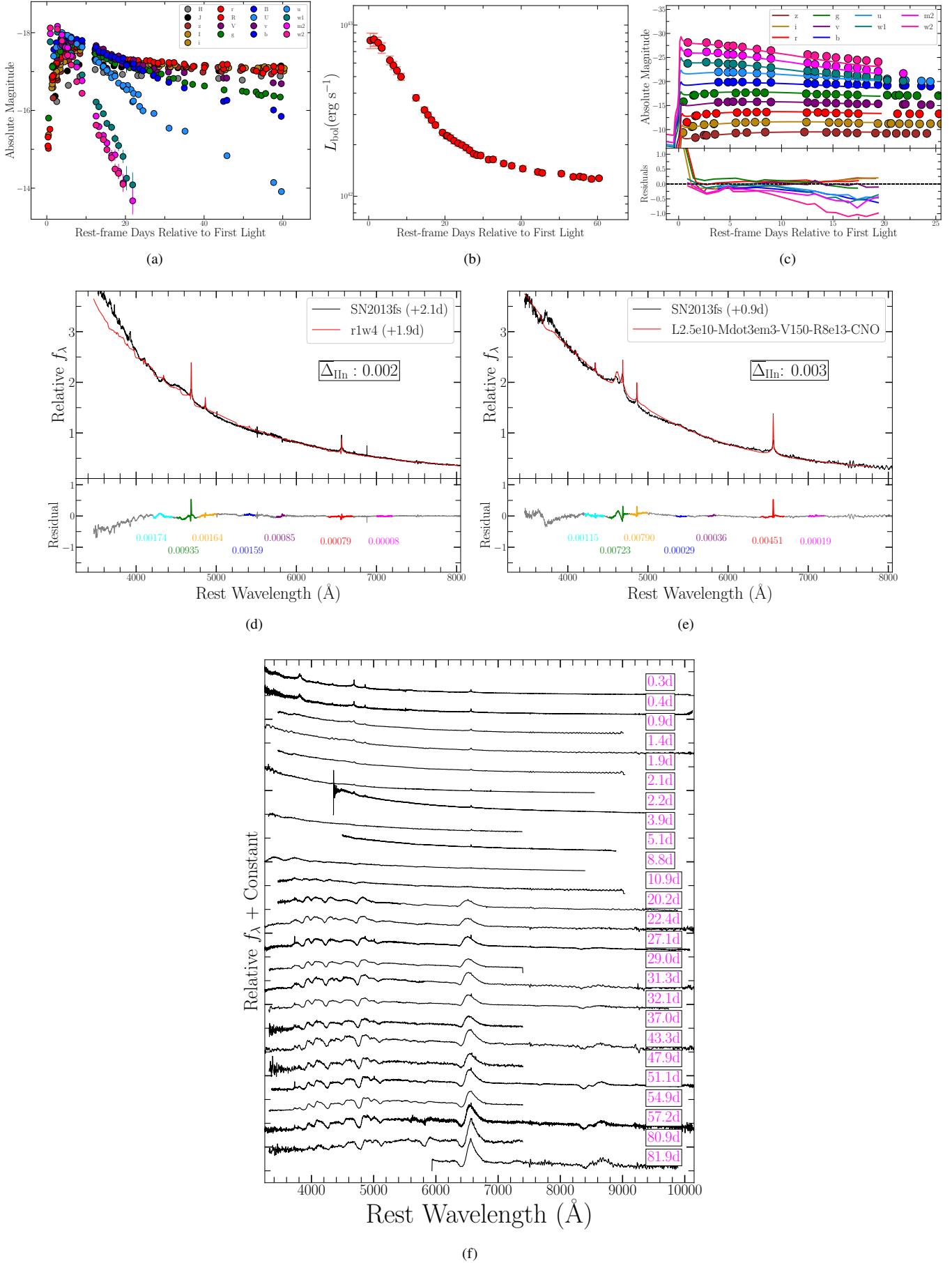
**Figure 1.** (a) PTF10gva (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and optical photometry are from Khazov et al. (2016). UV photometry was re-reduced with template subtraction.



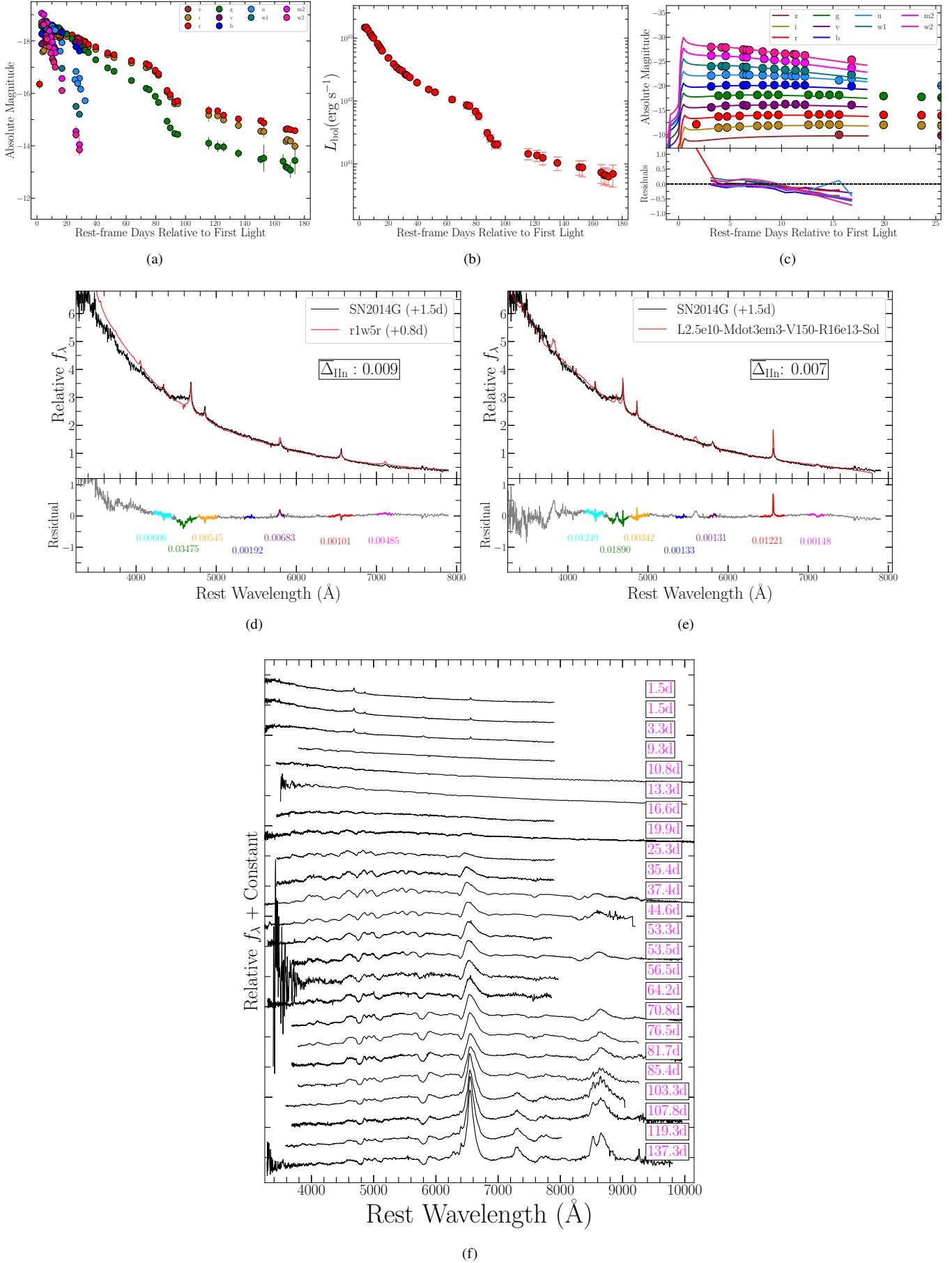
**Figure 2.** PTF10abyy (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and optical photometry are from Khazov et al. (2016). UV photometry was re-reduced with template subtraction.



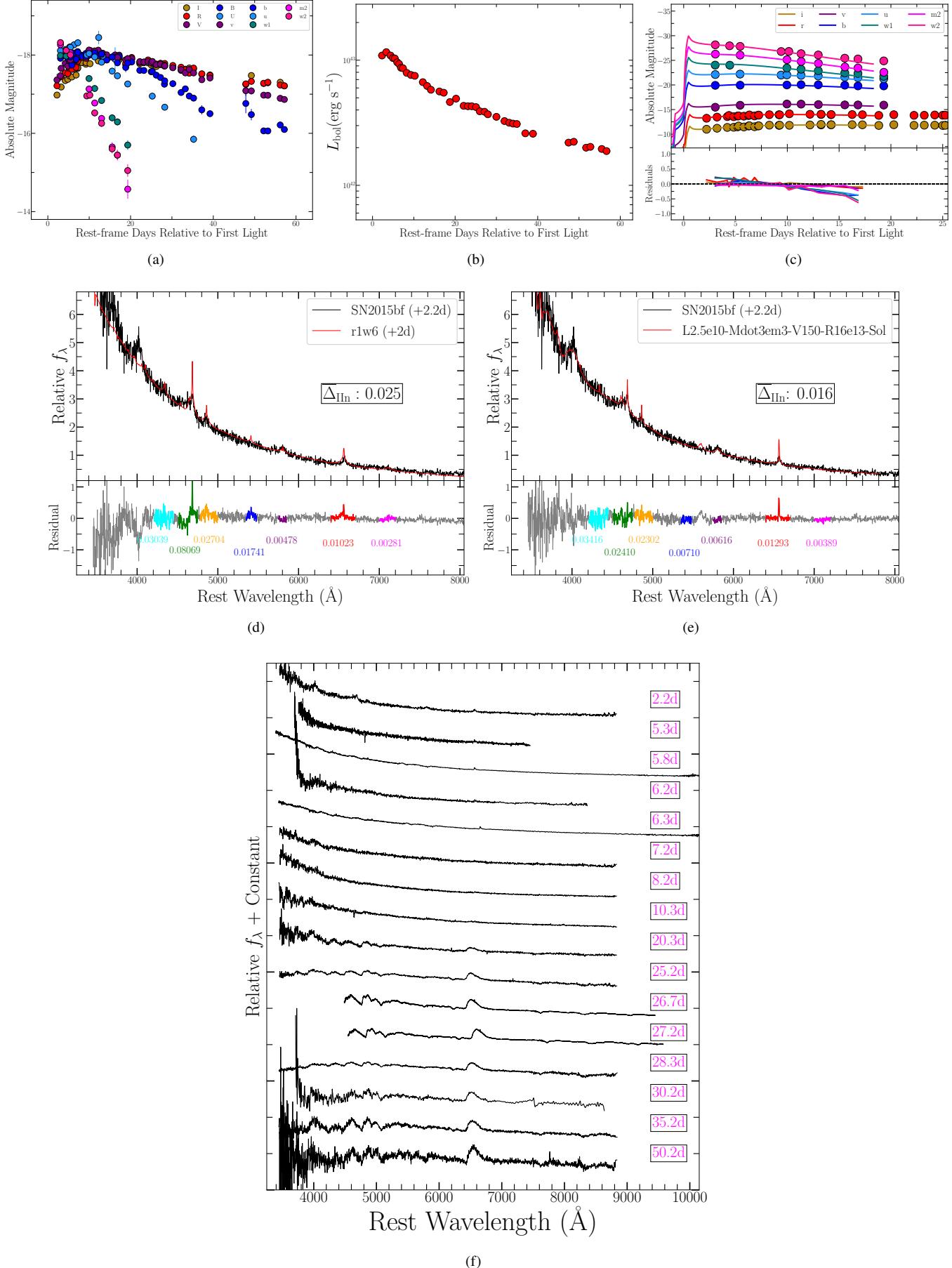
**Figure 3.** (a) PTF11iqb (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and optical photometry are from Smith et al. (2015). UV photometry was re-reduced with template subtraction.



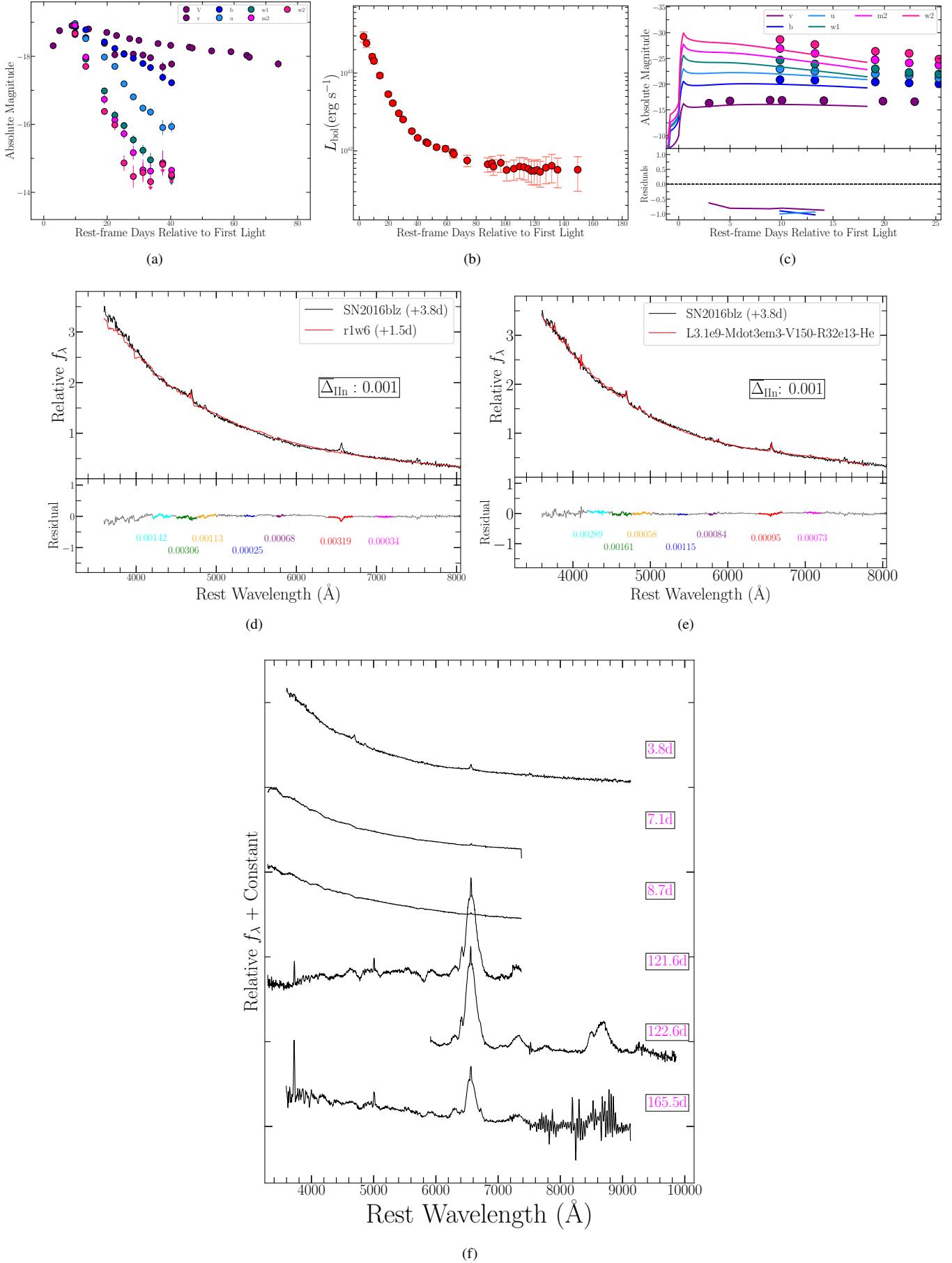
**Figure 4.** (a) SN 2013fs (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and optical photometry are from Yaron et al. (2017). UV photometry was re-reduced with template subtraction.



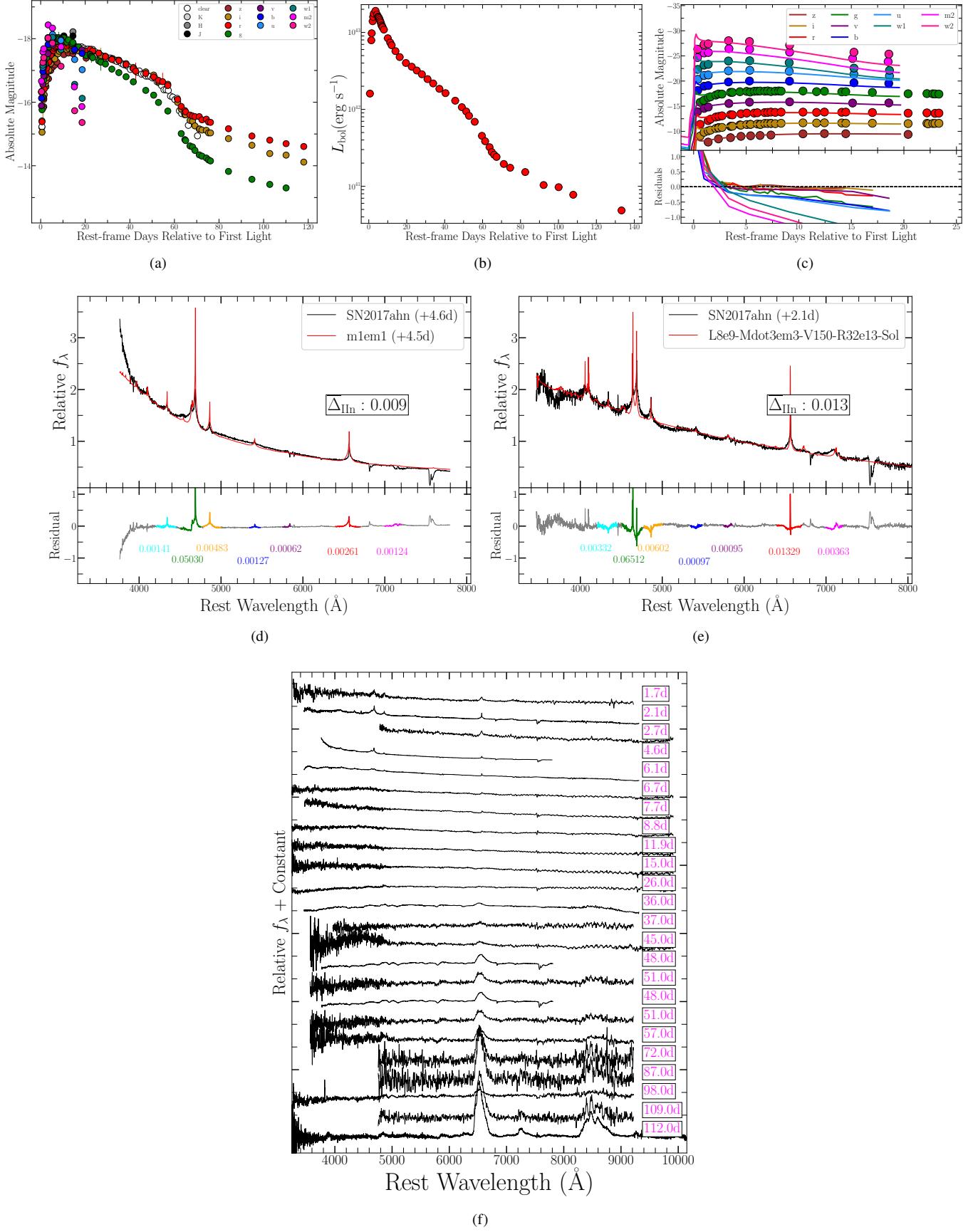
**Figure 5.** (a) SN 2014G (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and optical photometry are from Terreran et al. (2016). UV photometry was re-reduced with template subtraction.



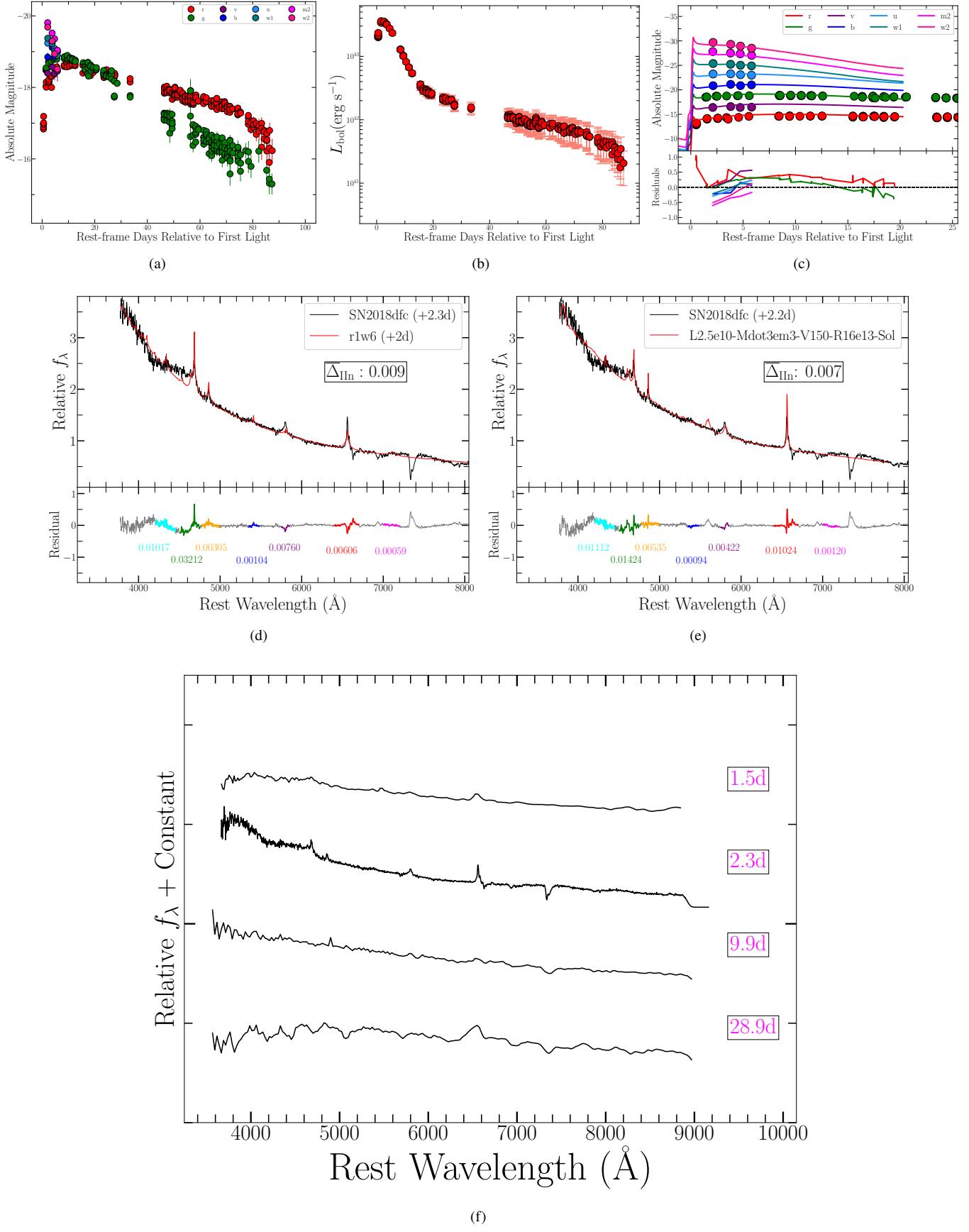
**Figure 6.** (a) SN 2015bf (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and optical photometry are from Lin et al. (2021). UV photometry was re-reduced with template subtraction.



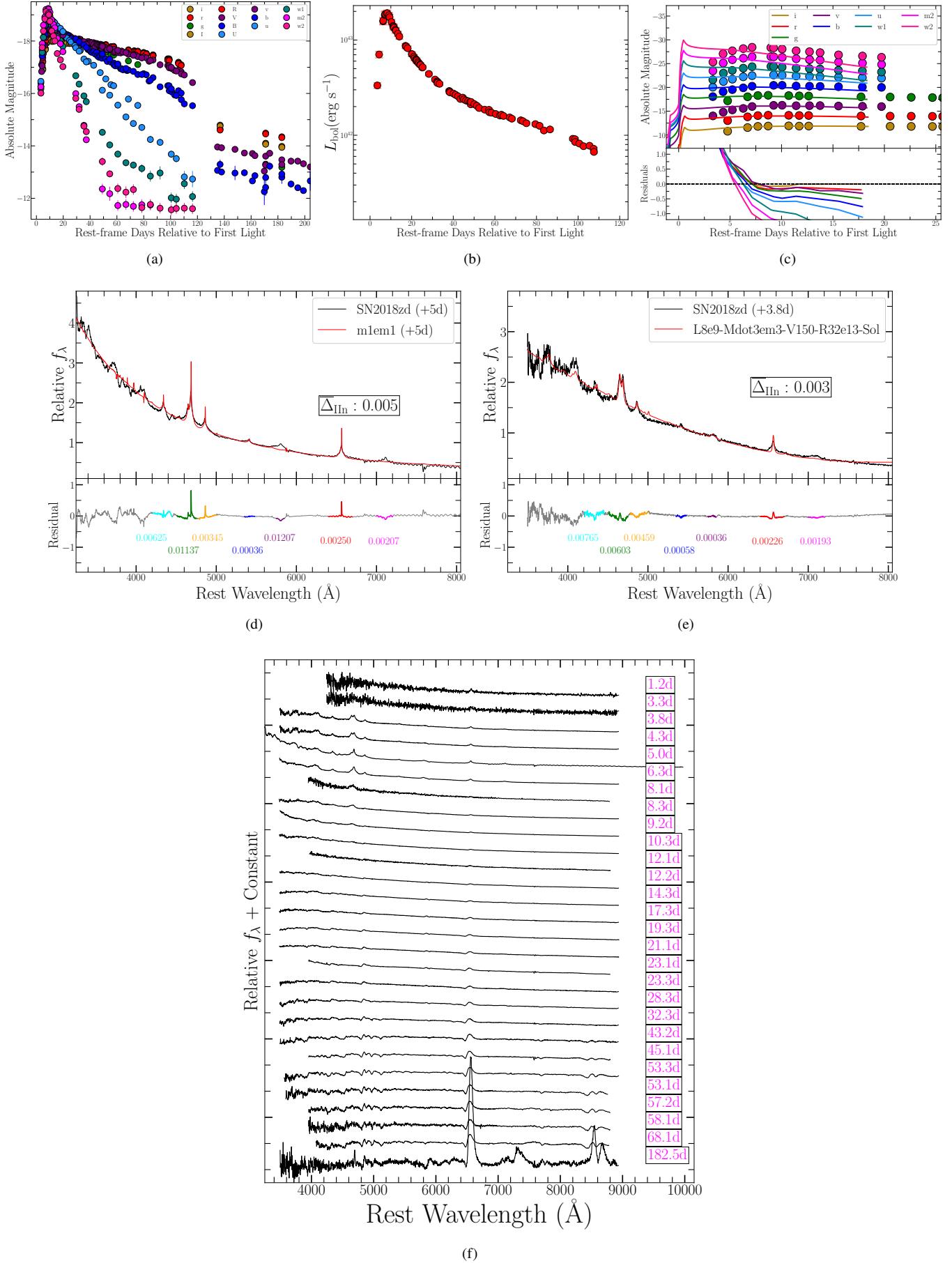
**Figure 7.** (a) SN 2016blz (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and optical photometry are from Lin et al. (2021). UV photometry was re-reduced with template subtraction.



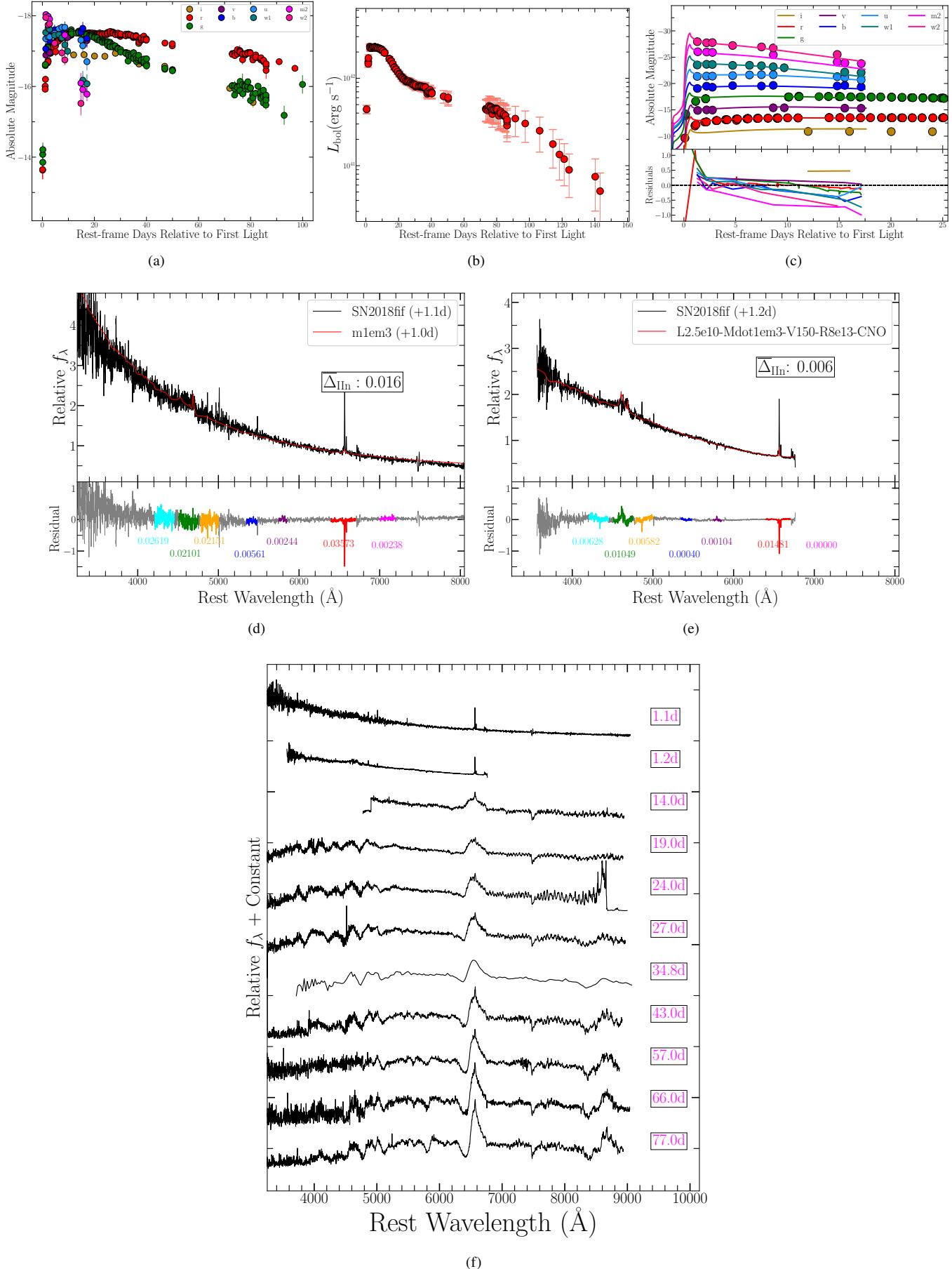
**Figure 8.** (a) SN 2017ahn (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and optical photometry are from Tartaglia et al. (2021). UV photometry was re-reduced with template subtraction.



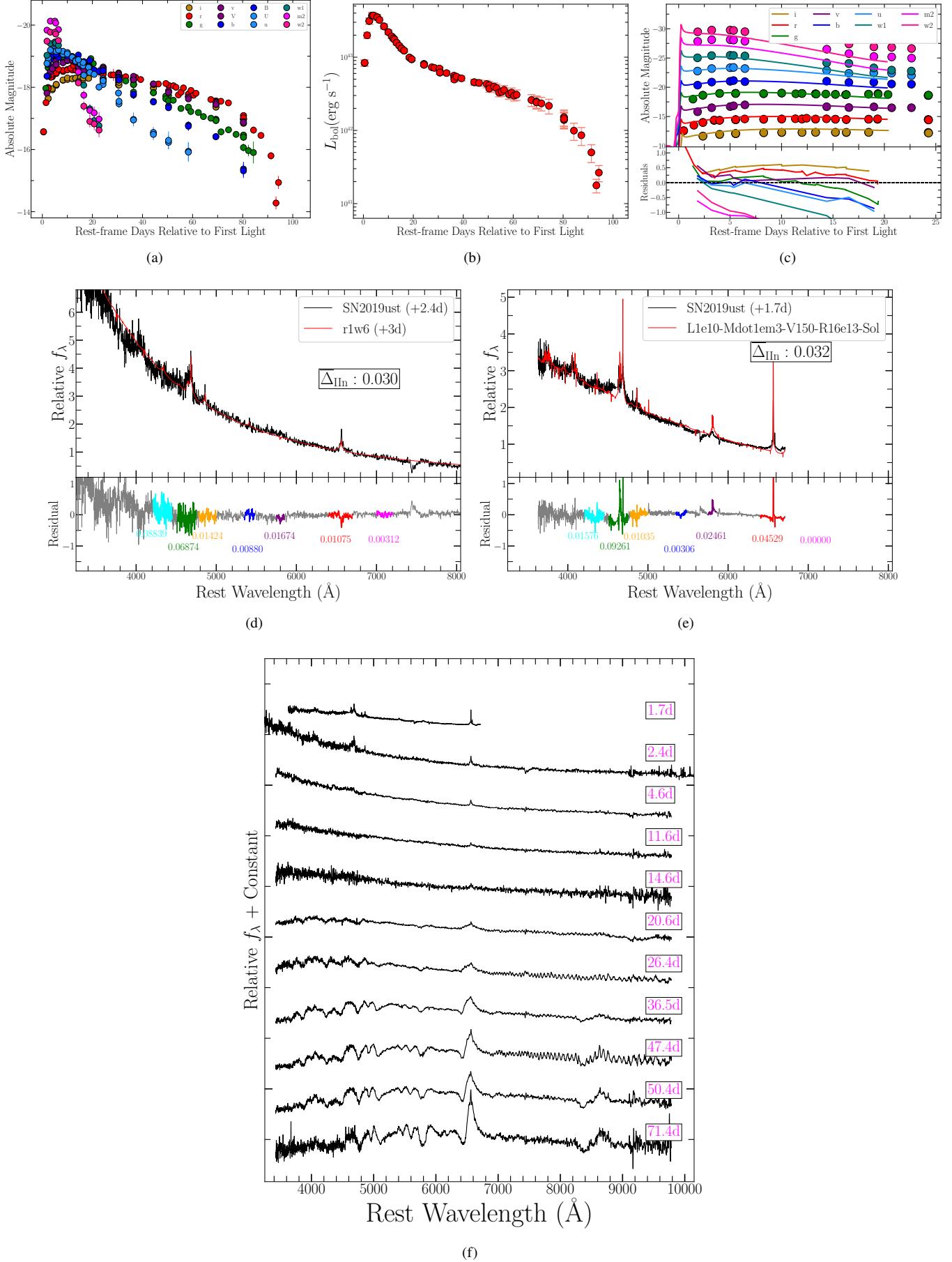
**Figure 9.** (a) SN 2018dfc (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and optical photometry are from Bruch et al. (2021). UV photometry was re-reduced with template subtraction.



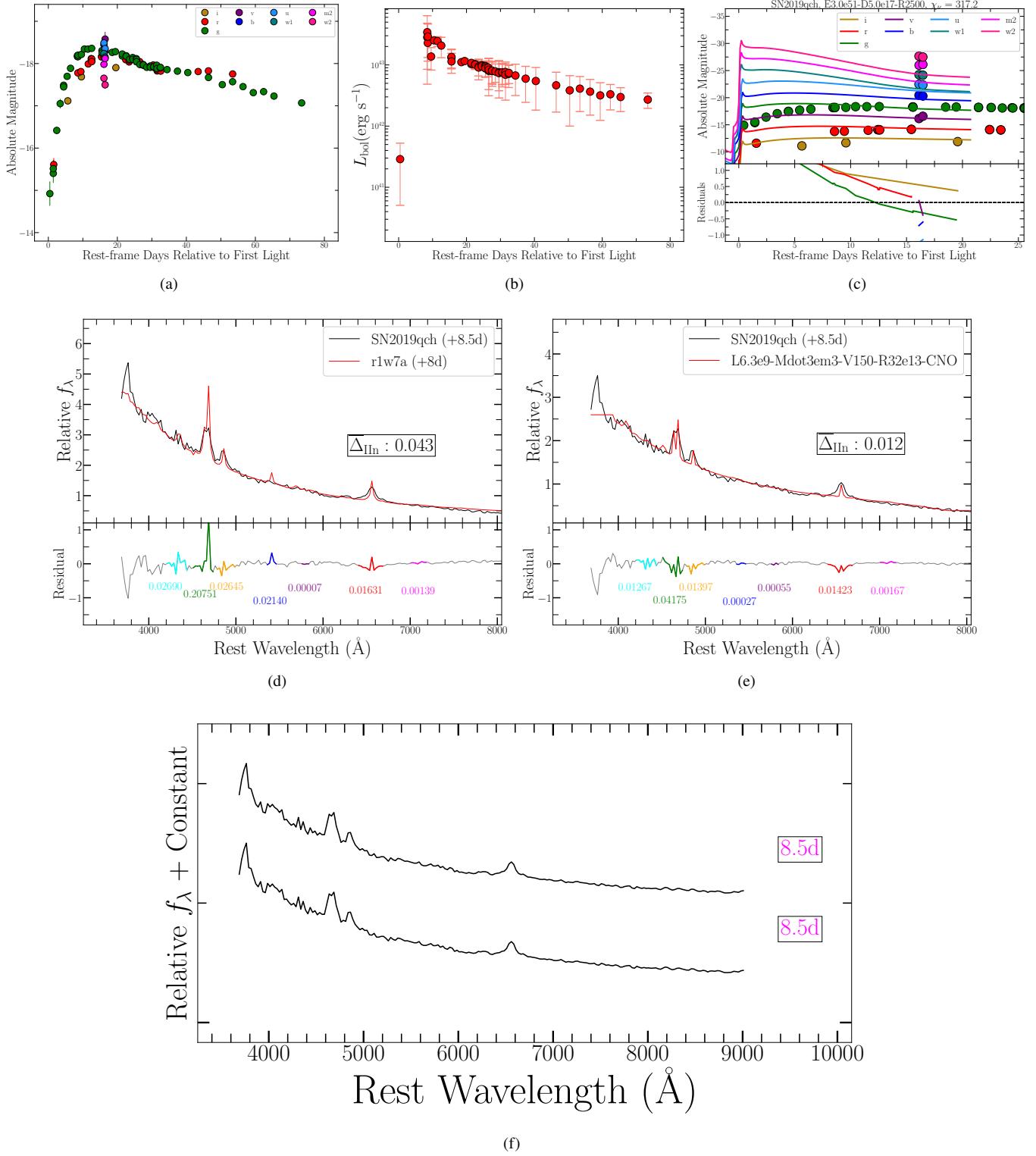
**Figure 10.** (a) SN 2018zd (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and optical photometry are from Zhang et al. (2020). UV photometry was re-reduced with template subtraction.



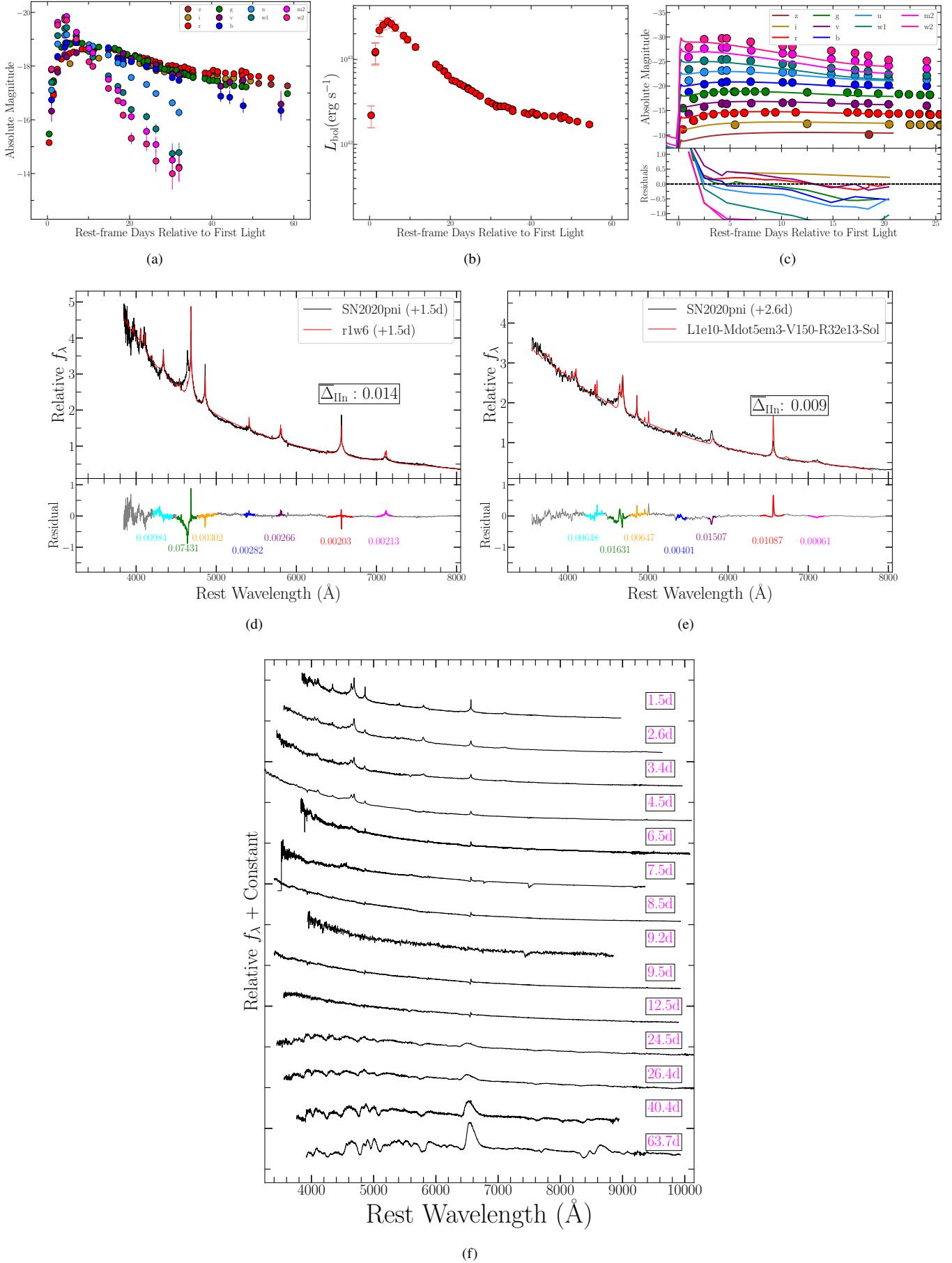
**Figure 11.** (a) SN 2018fif (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and optical photometry are from Soumagnac et al. (2020). UV photometry was re-reduced with template subtraction.



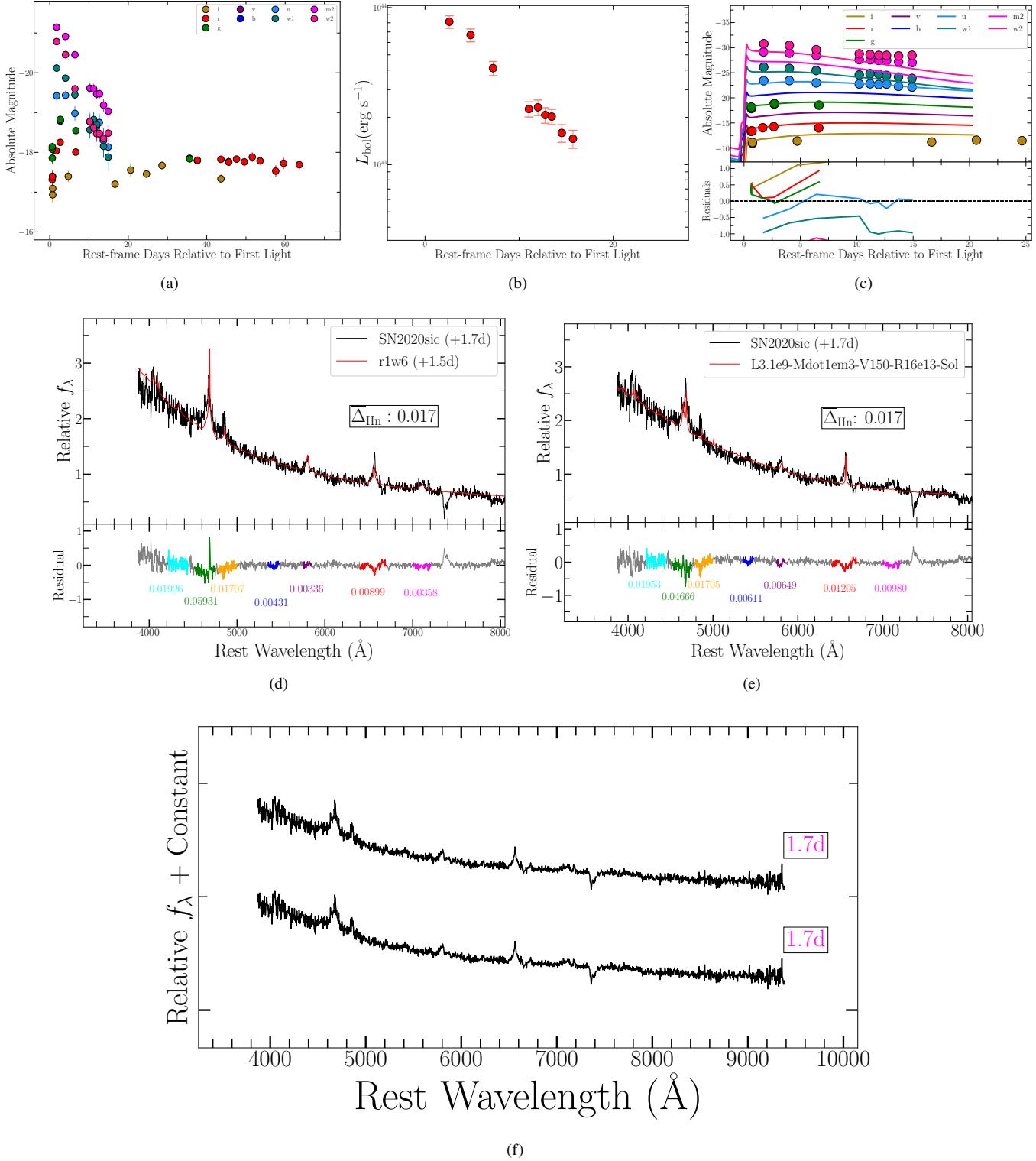
**Figure 12.** (a) SN 2019ust (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



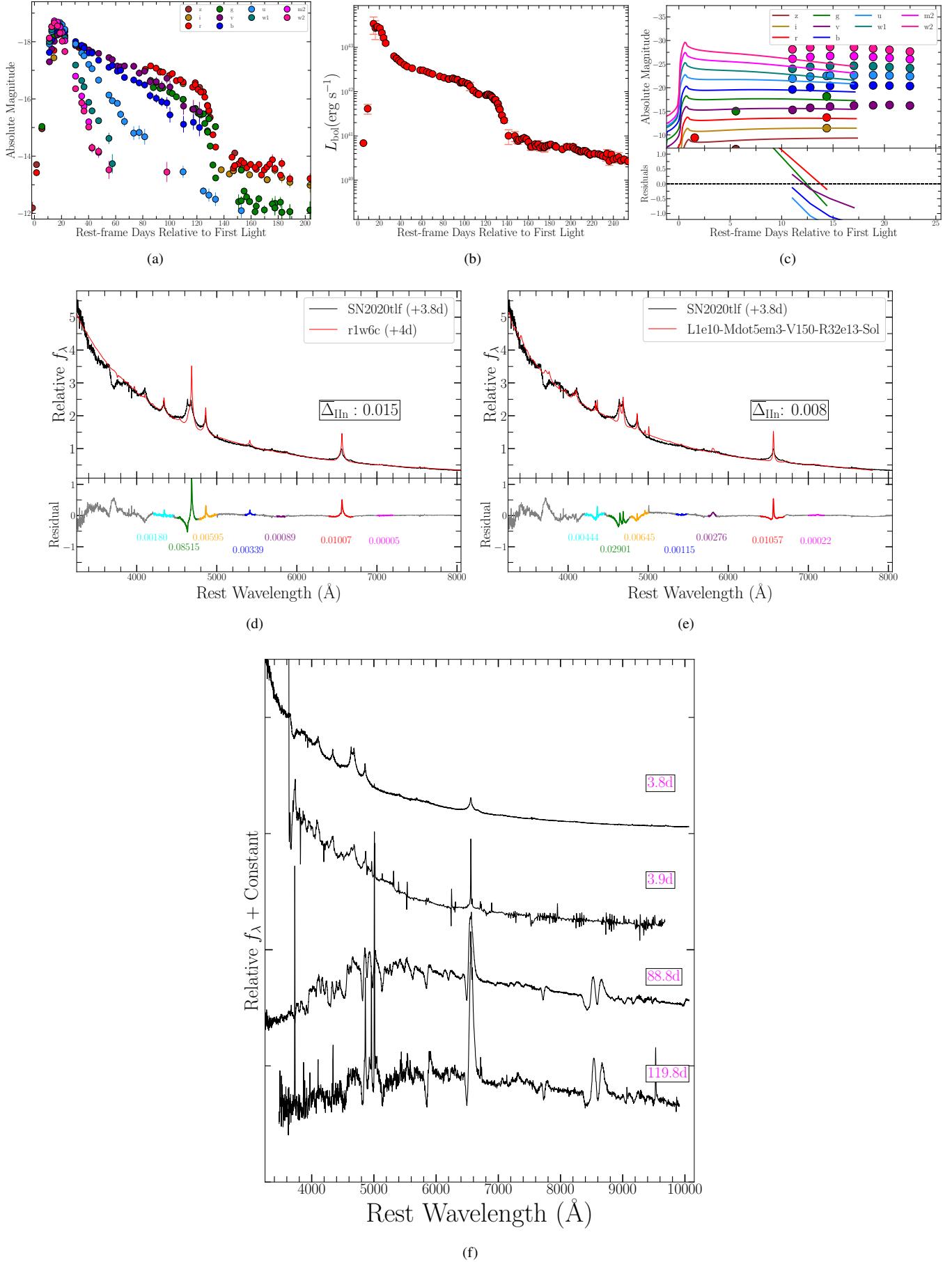
**Figure 13.** (a) SN 2019qch (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



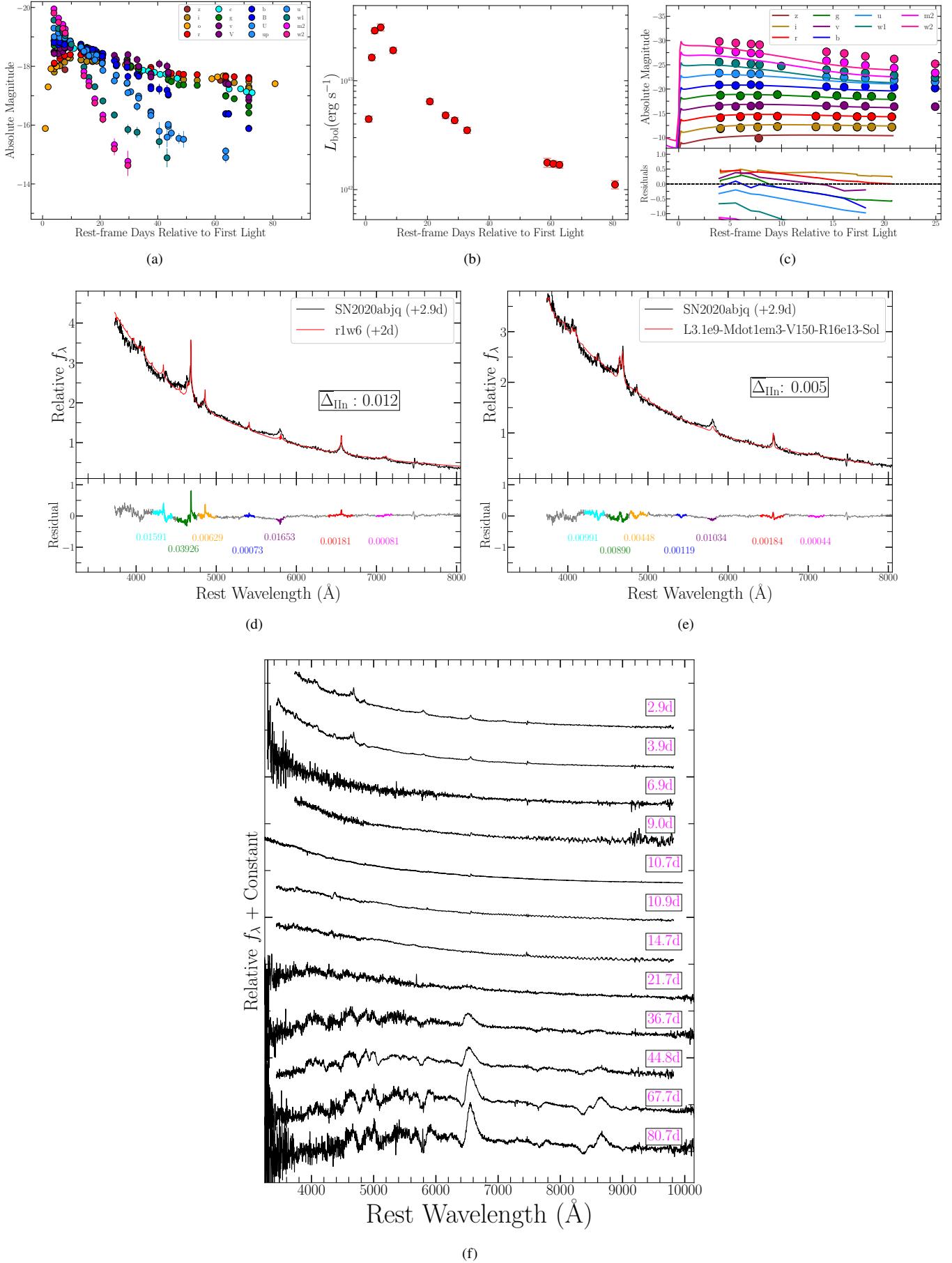
**Figure 14.** (a) SN 2020pni (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and UV/optical photometry are from Terreran et al. (2022).



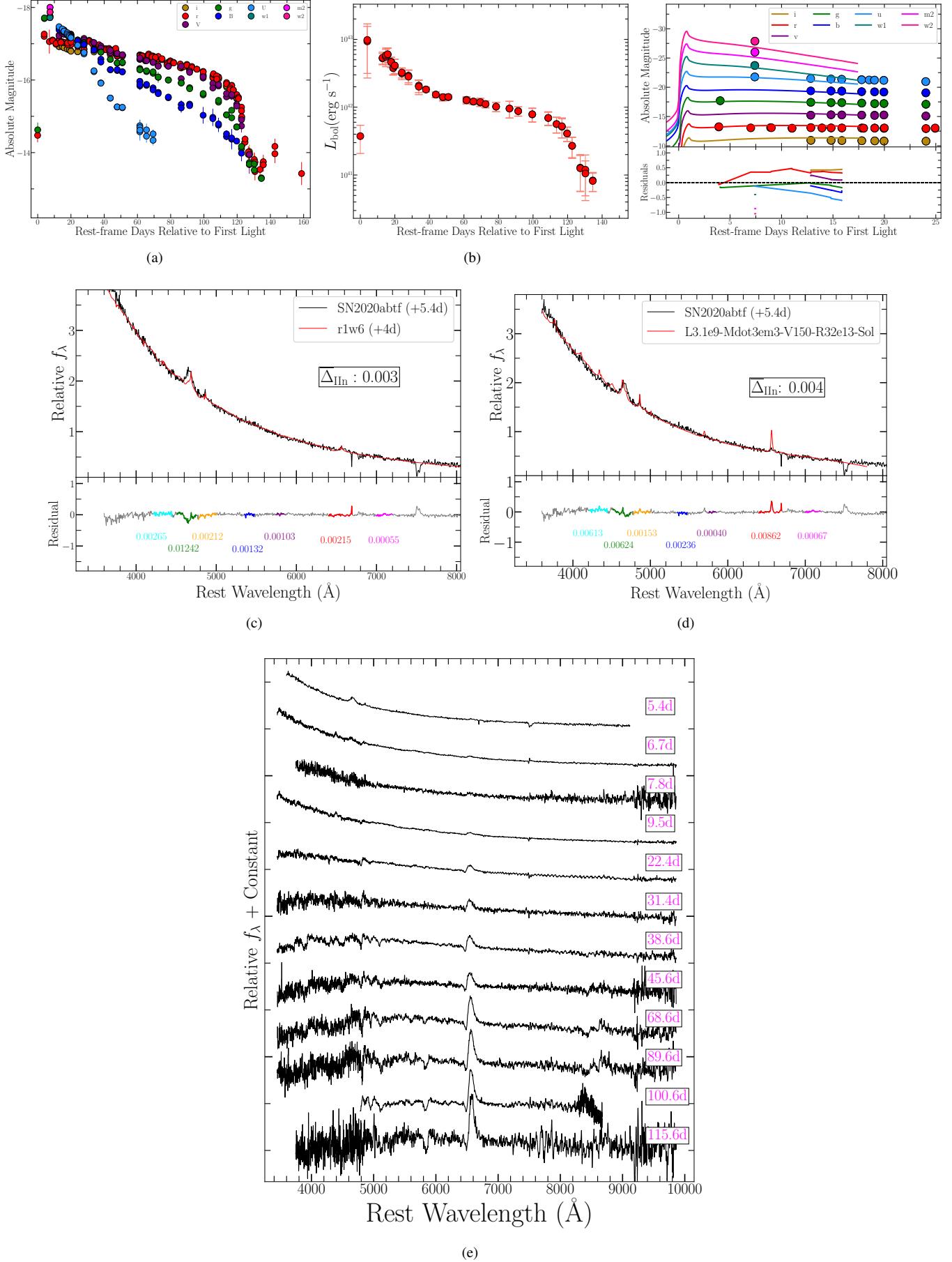
**Figure 15.** (a) SN 2020sic (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



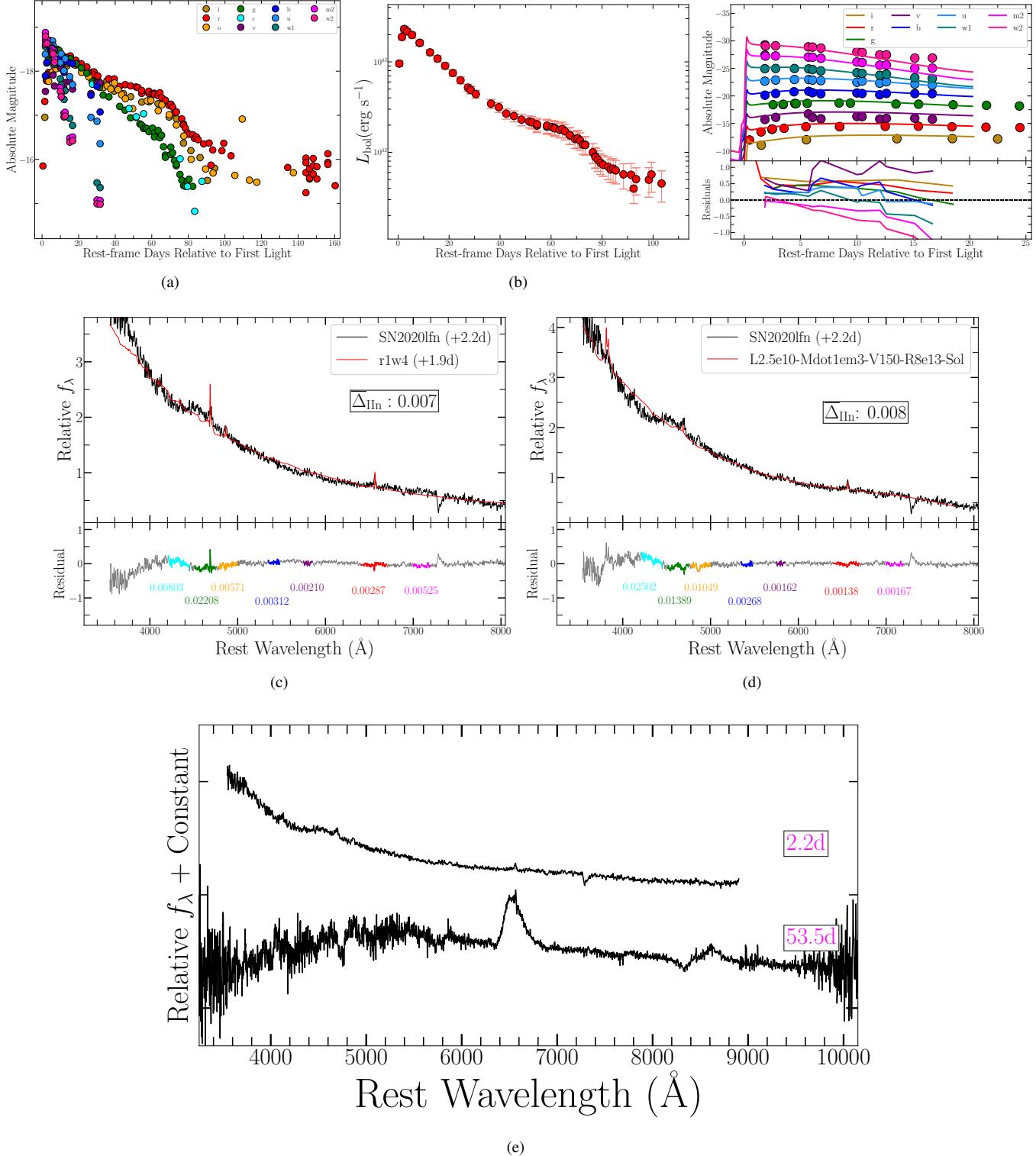
**Figure 16.** (a) SN 2020tlf (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series. Spectra and UV/optical photometry are from Jacobson-Galán et al. (2022).



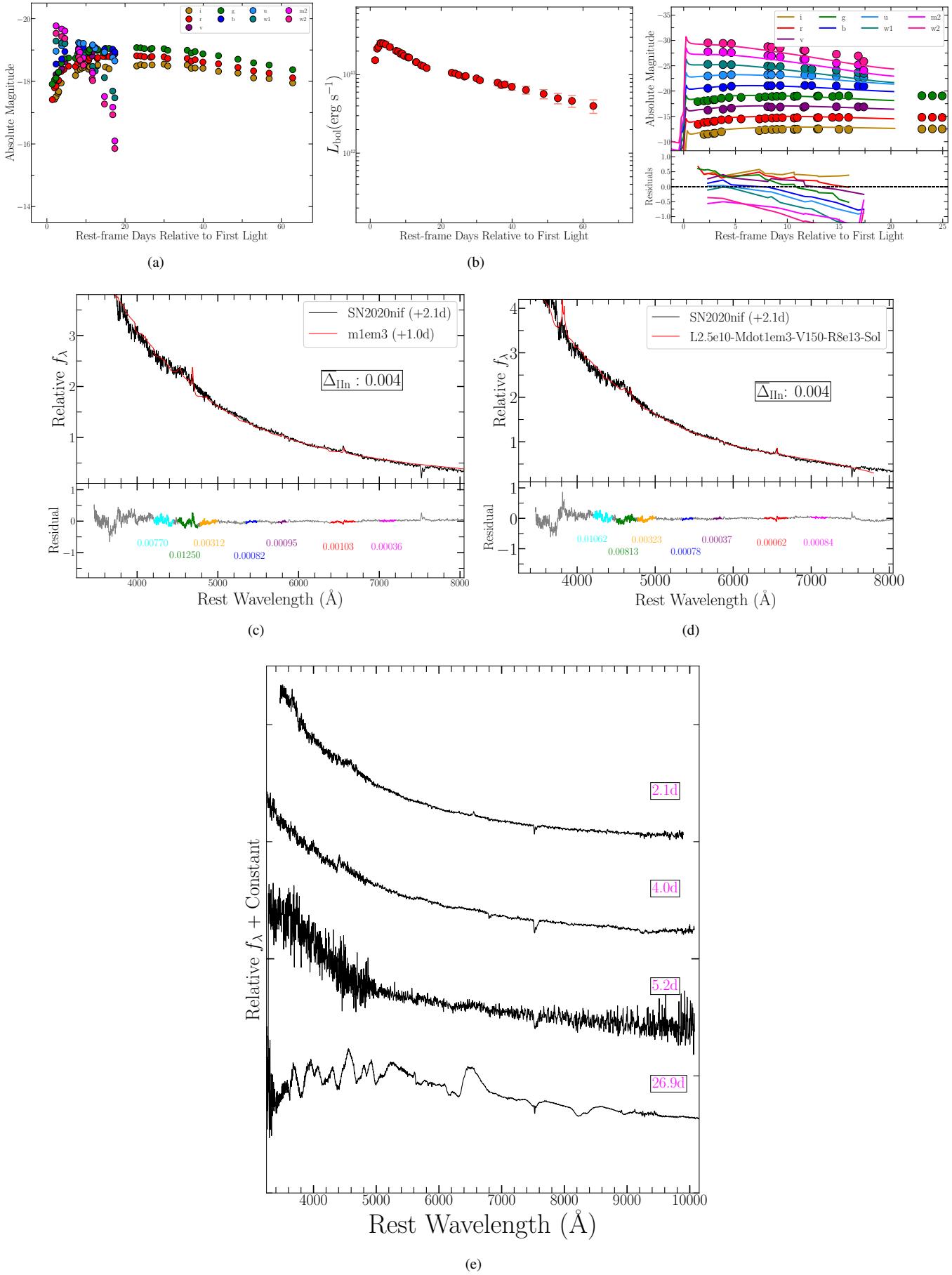
**Figure 17.** (a) SN 2020abjq (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



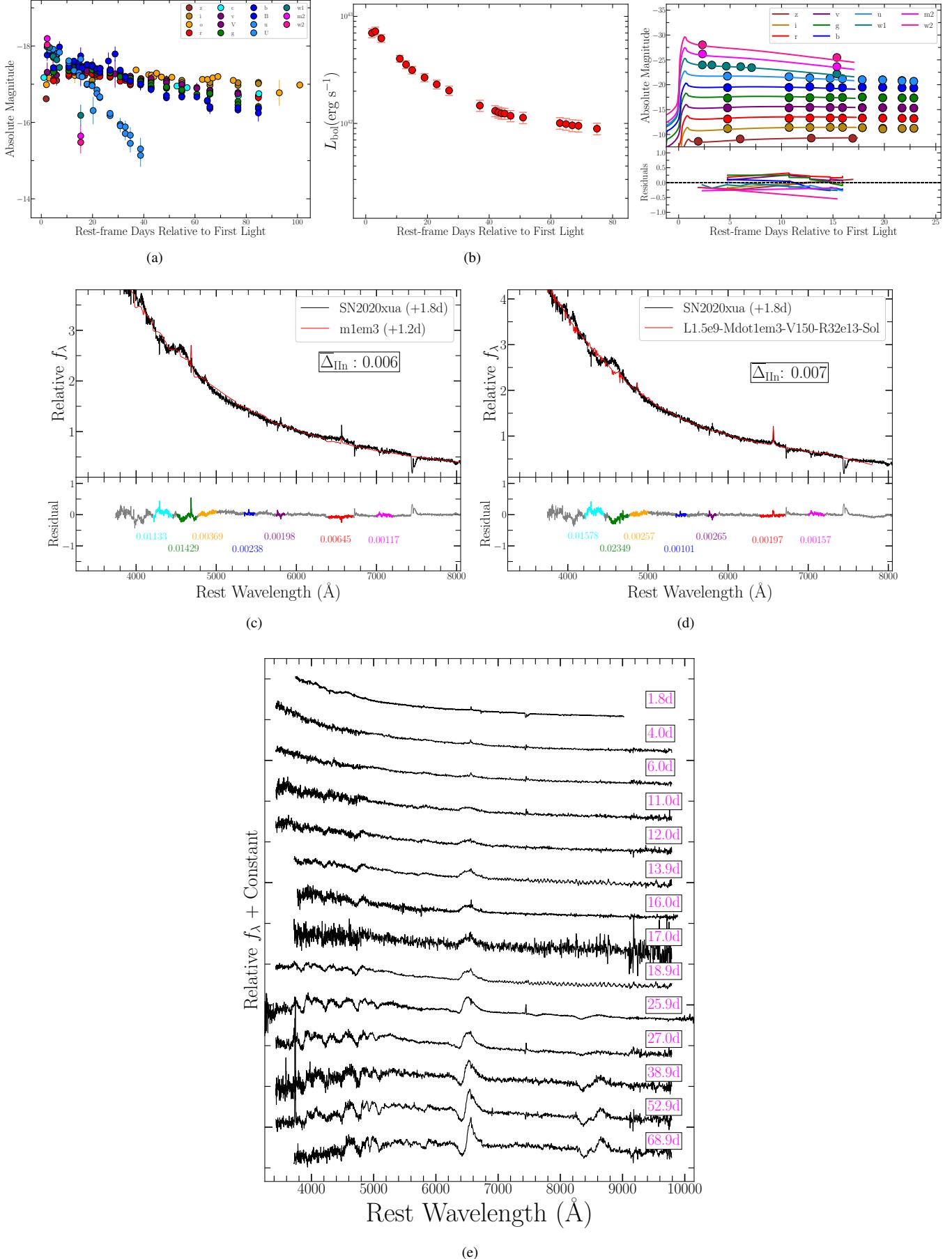
**Figure 18.** (a) SN 2020abtf (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



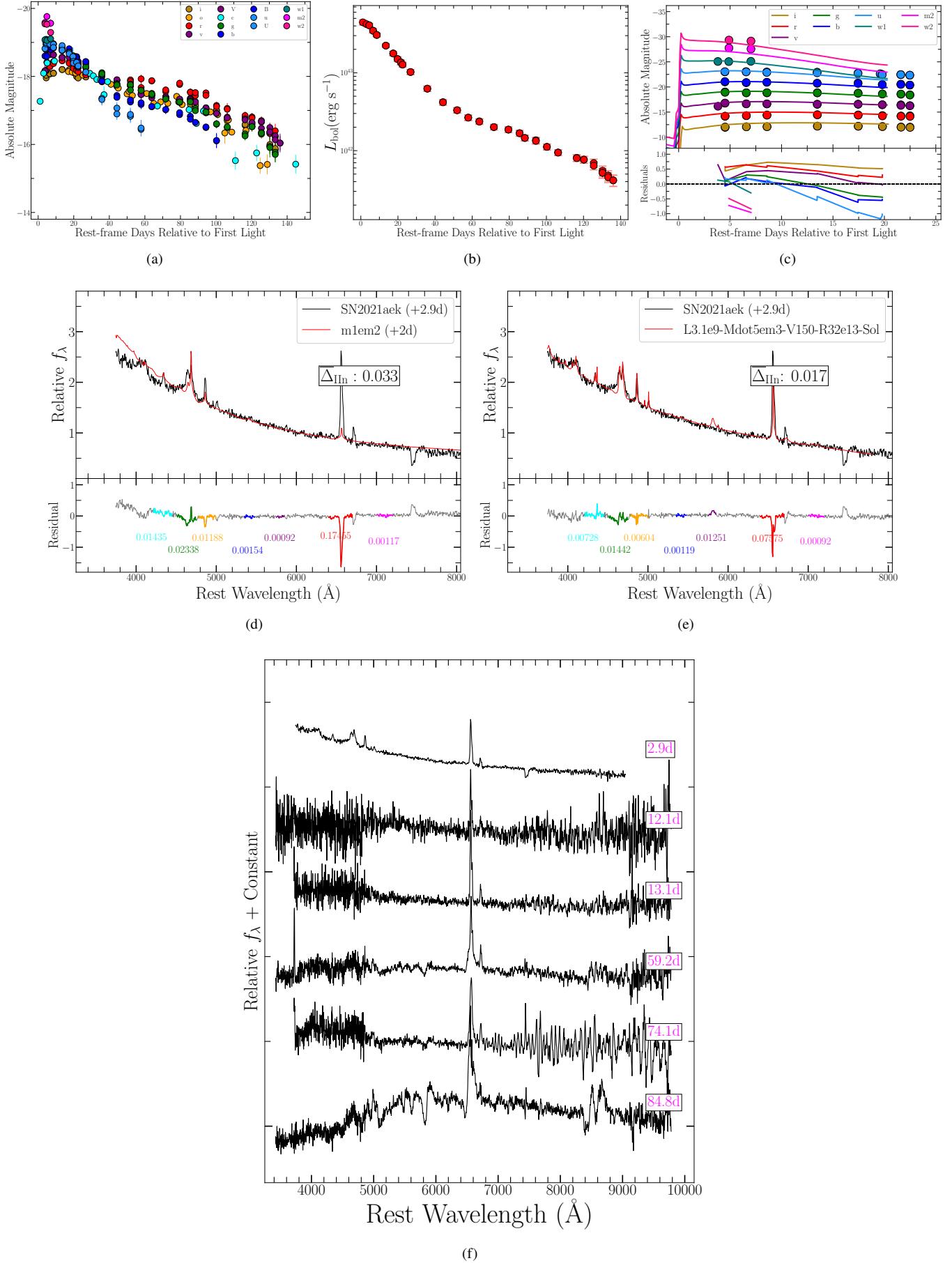
**Figure 19.** (a) SN 2020lfn (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



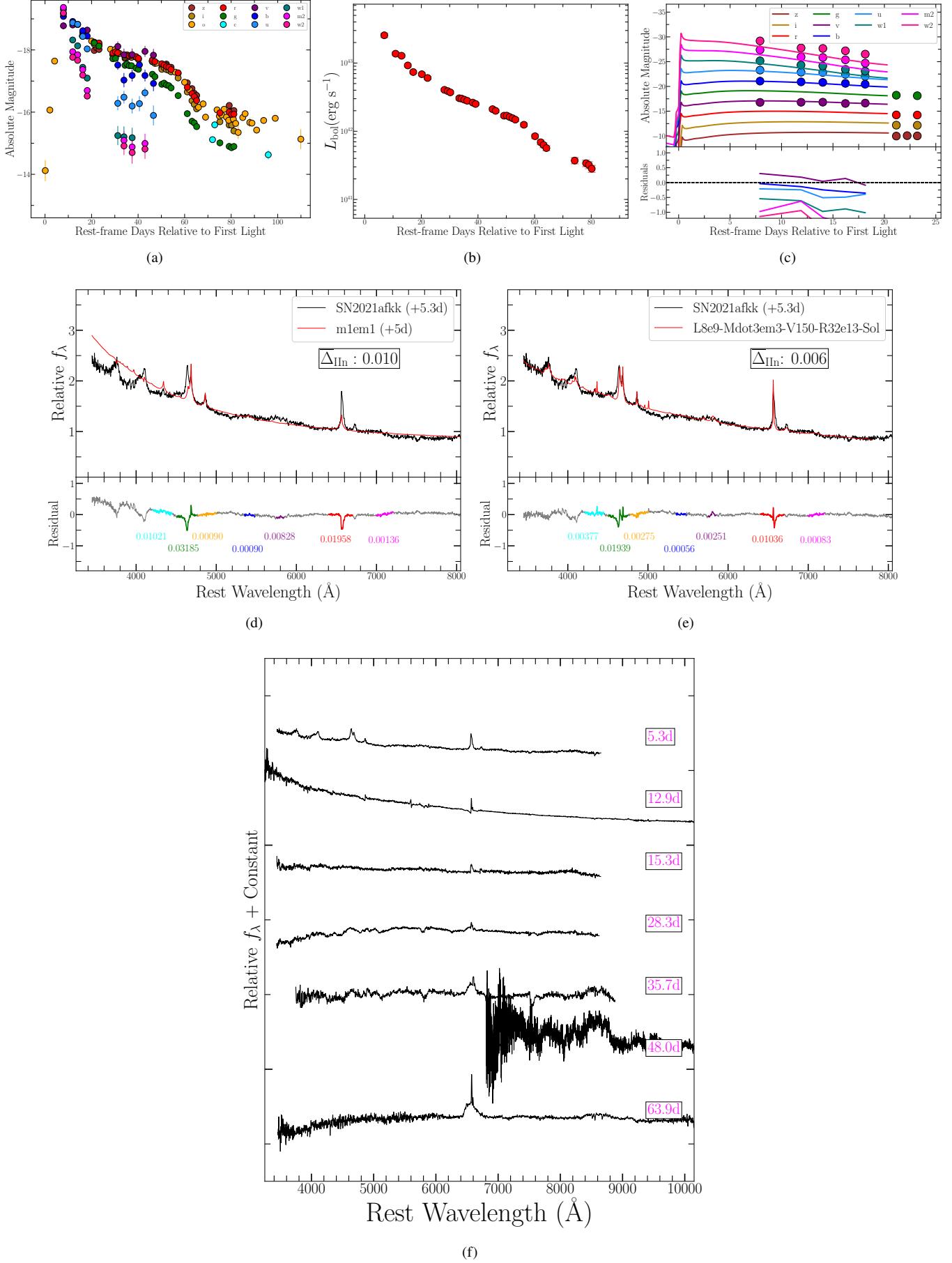
**Figure 20.** (a) SN 2020nif (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



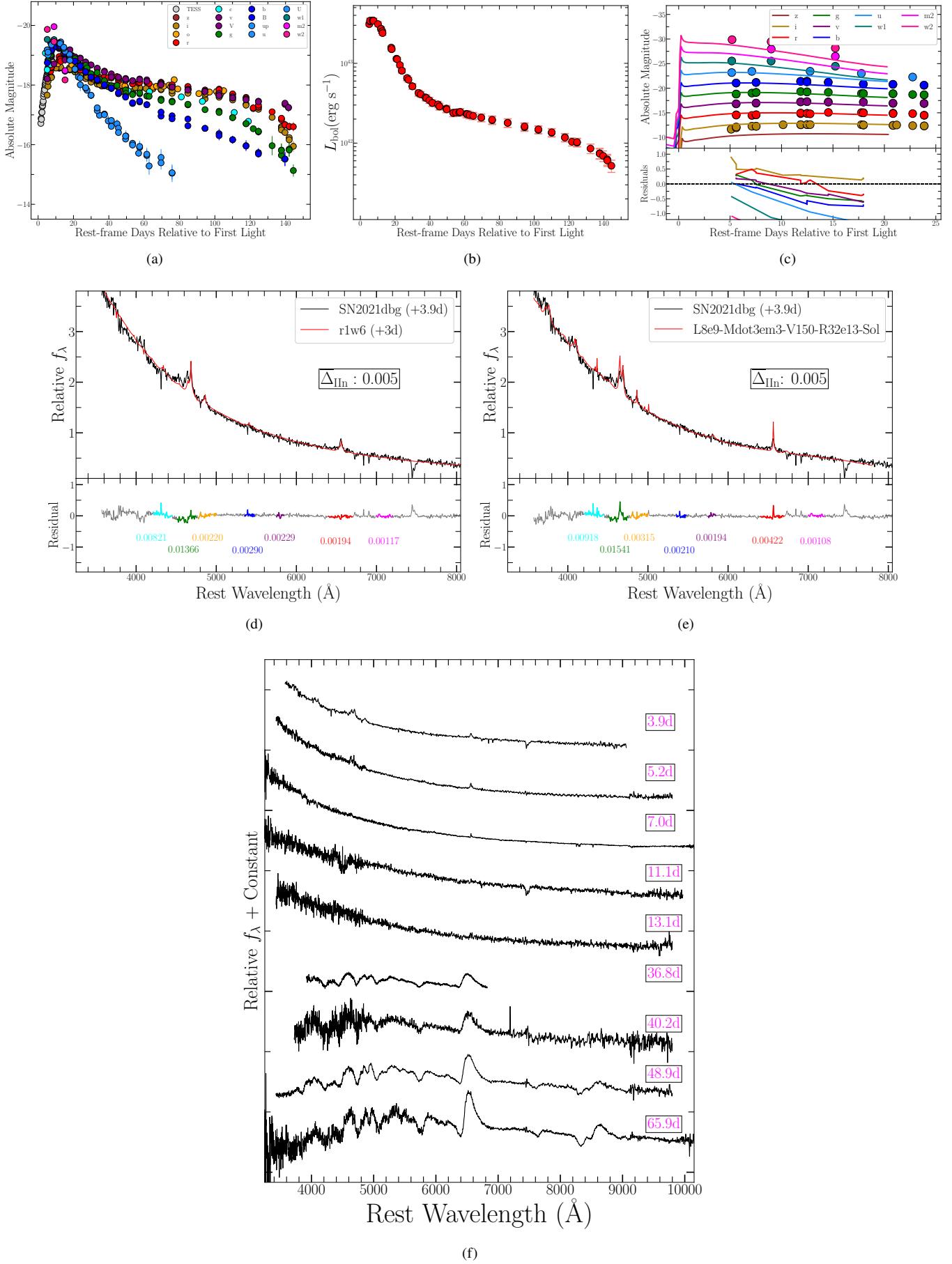
**Figure 21.** (a) SN 2020xua (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



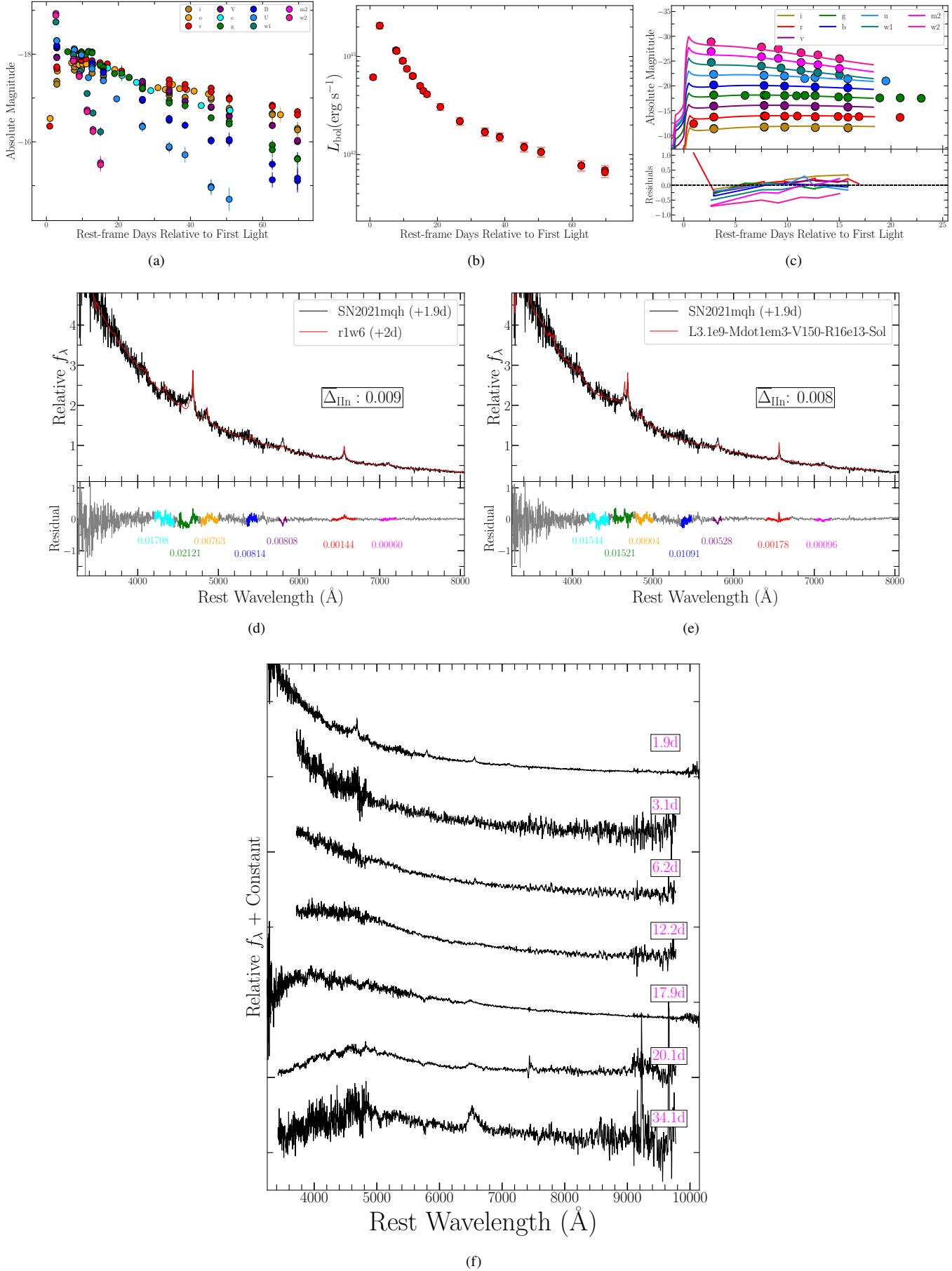
**Figure 22.** (a) SN 2021aek (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



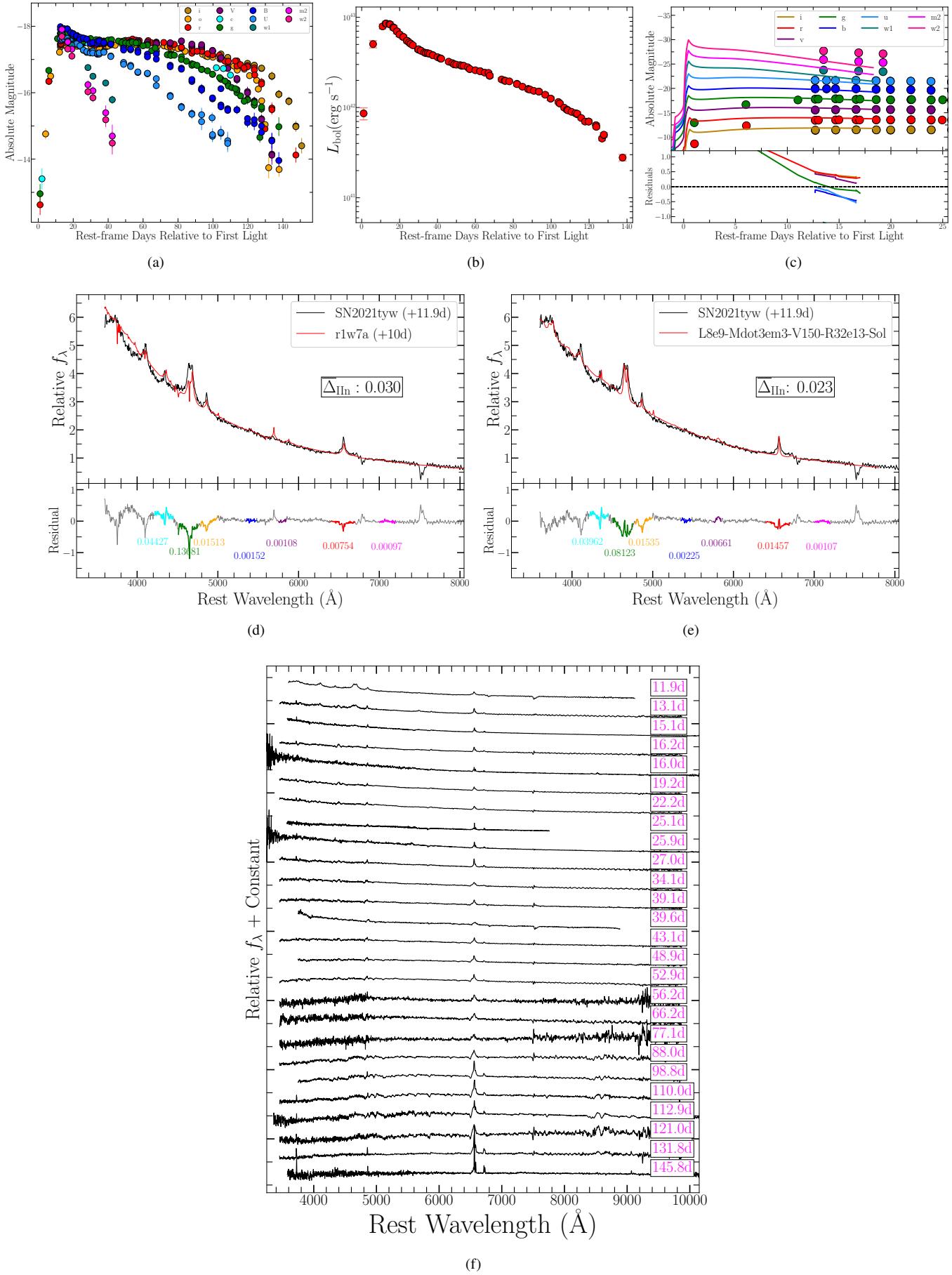
**Figure 23.** (a) SN 2021afkk (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



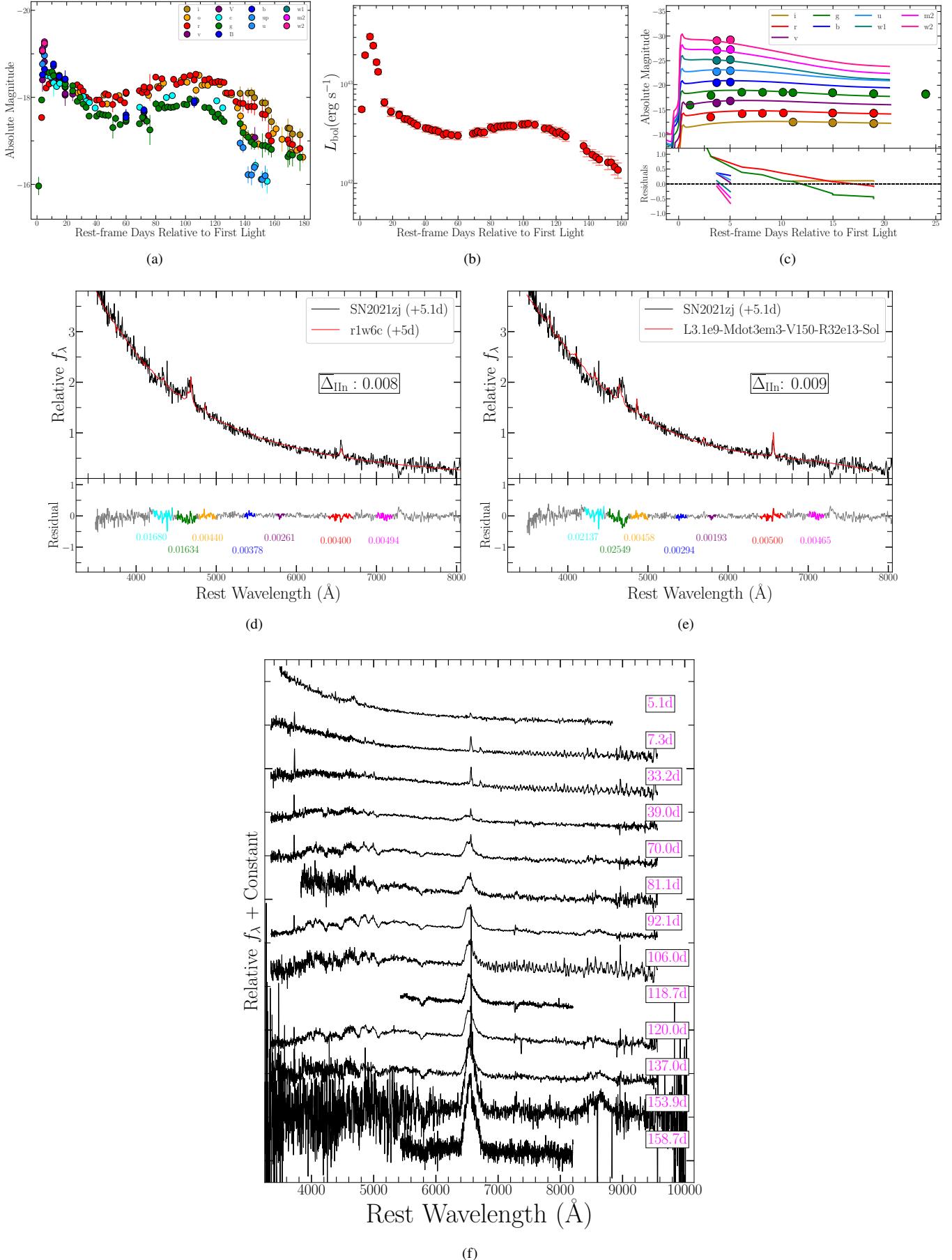
**Figure 24.** (a) SN 2021dbg (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



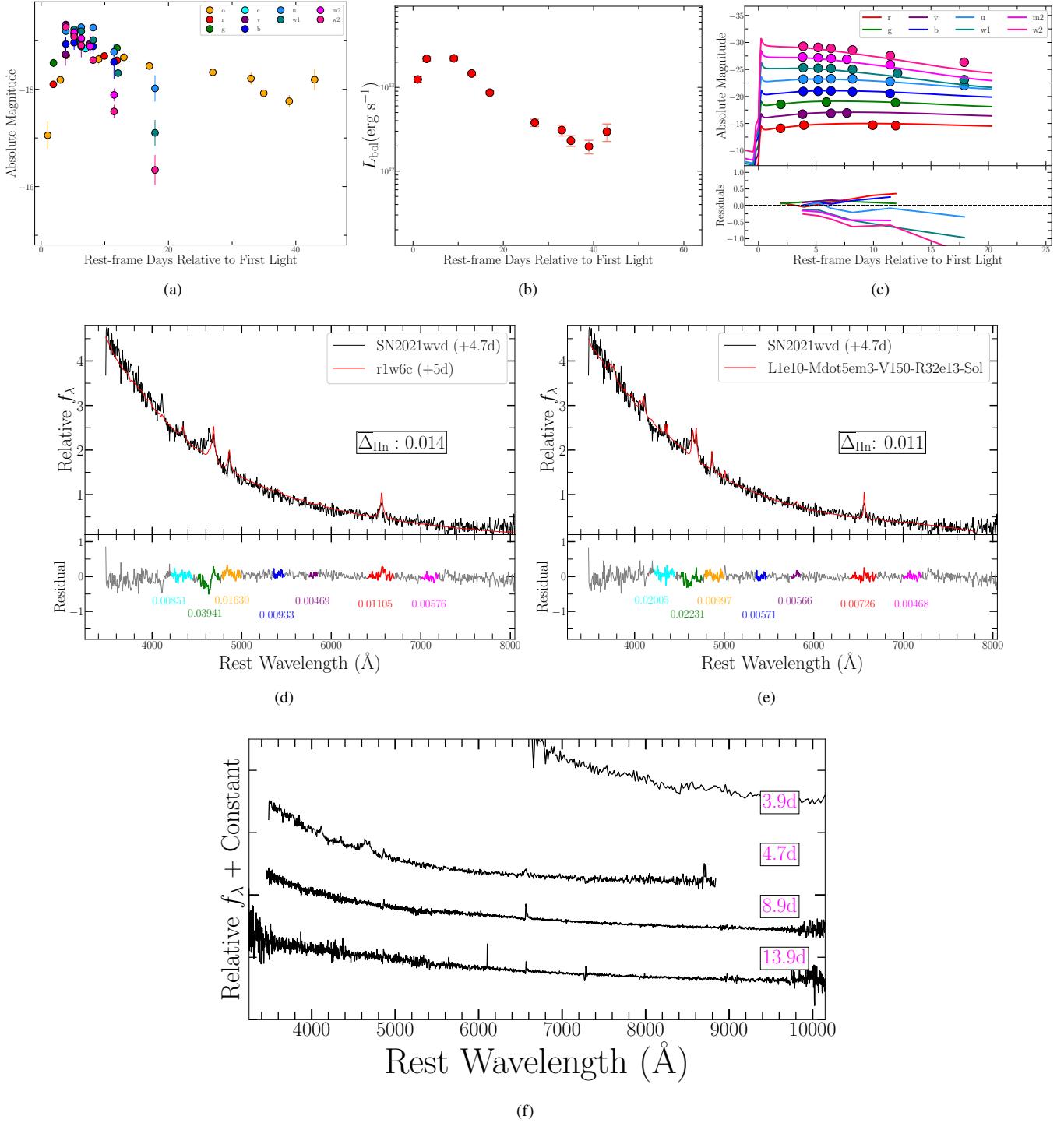
**Figure 25.** (a) SN 2021mqh (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



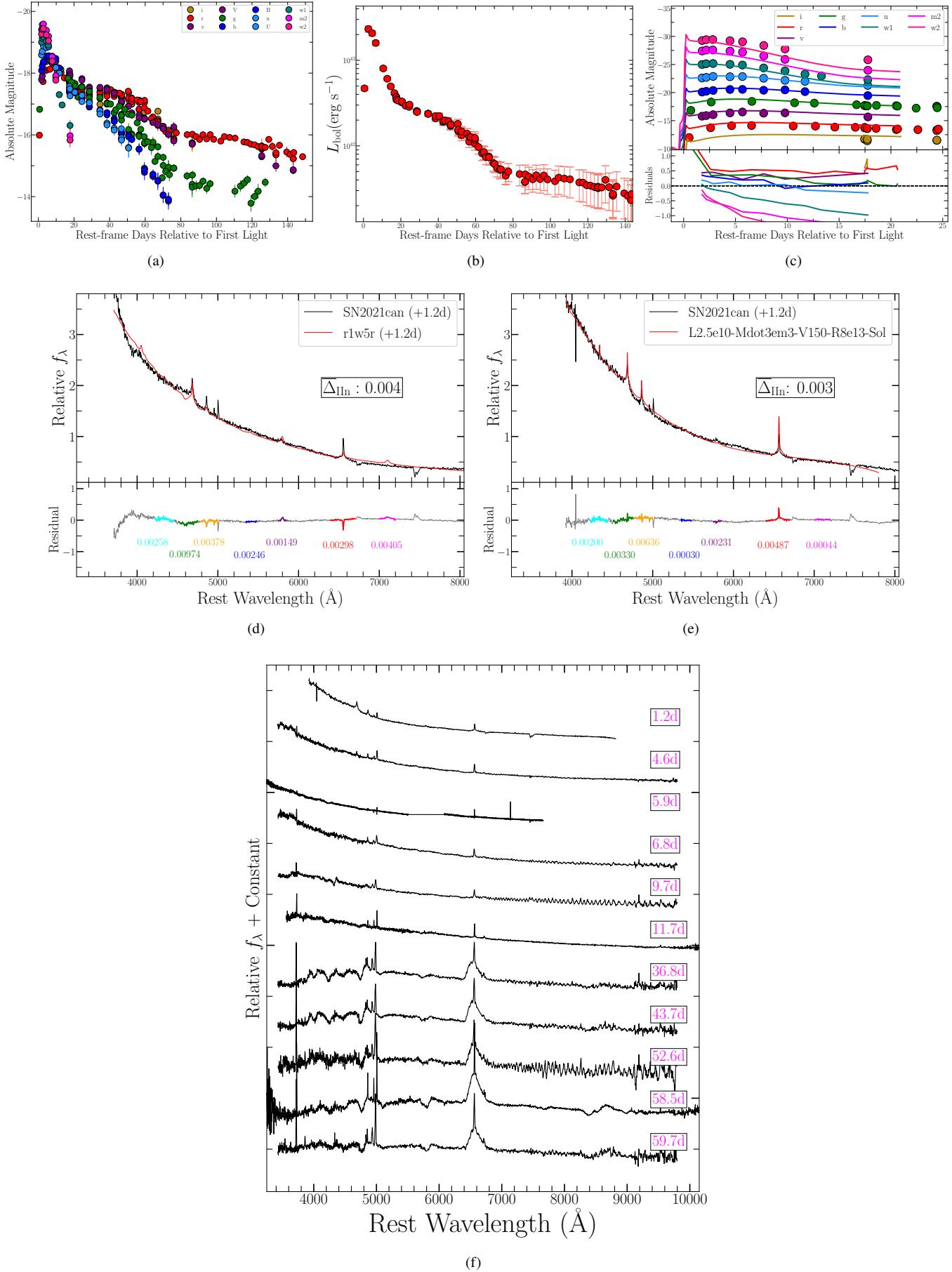
**Figure 26.** (a) SN 2021tyw (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



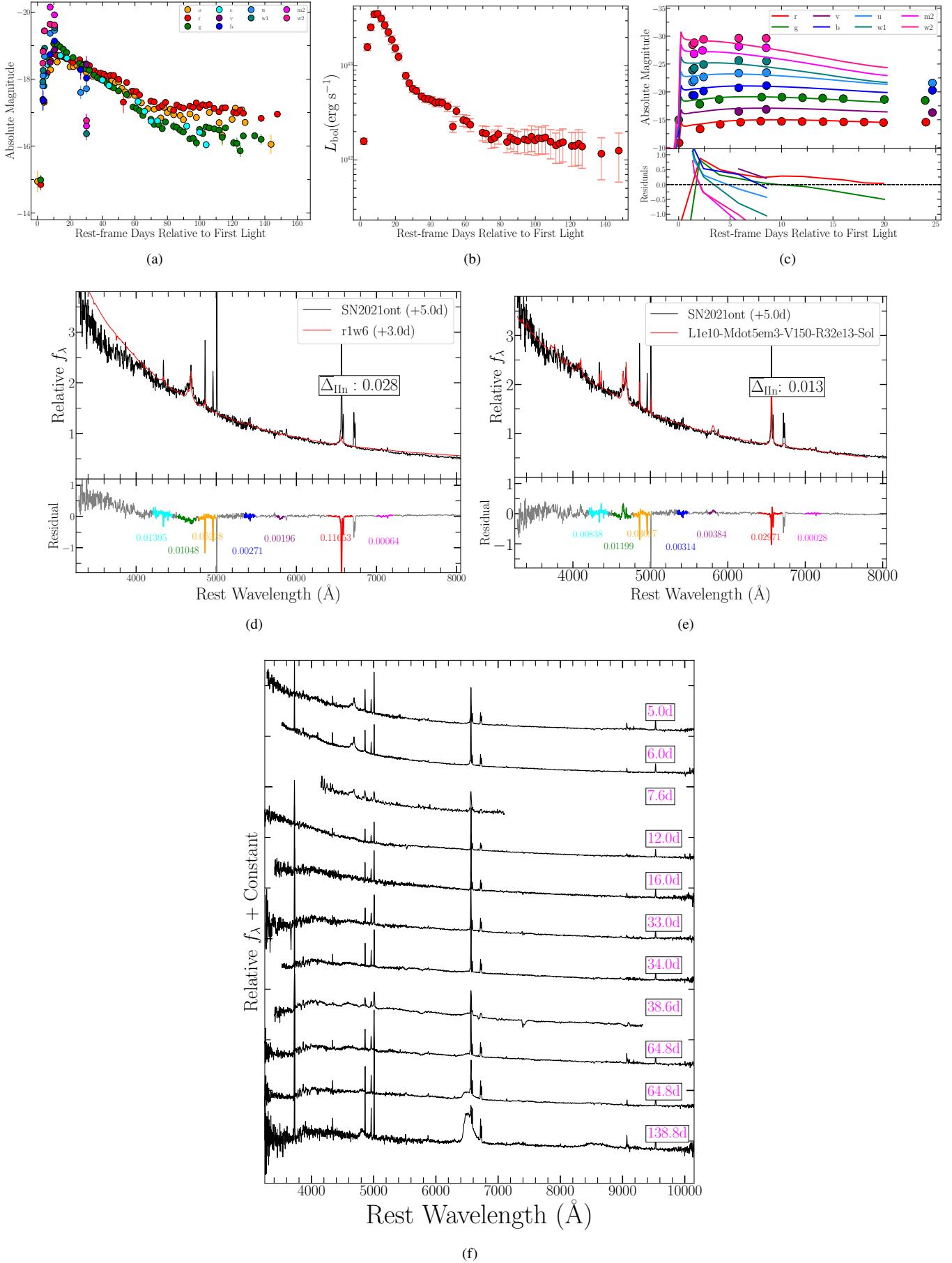
**Figure 27.** (a) SN 2021zj (silver): (a) Multi-color light curves, (b) UVWXYZ bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



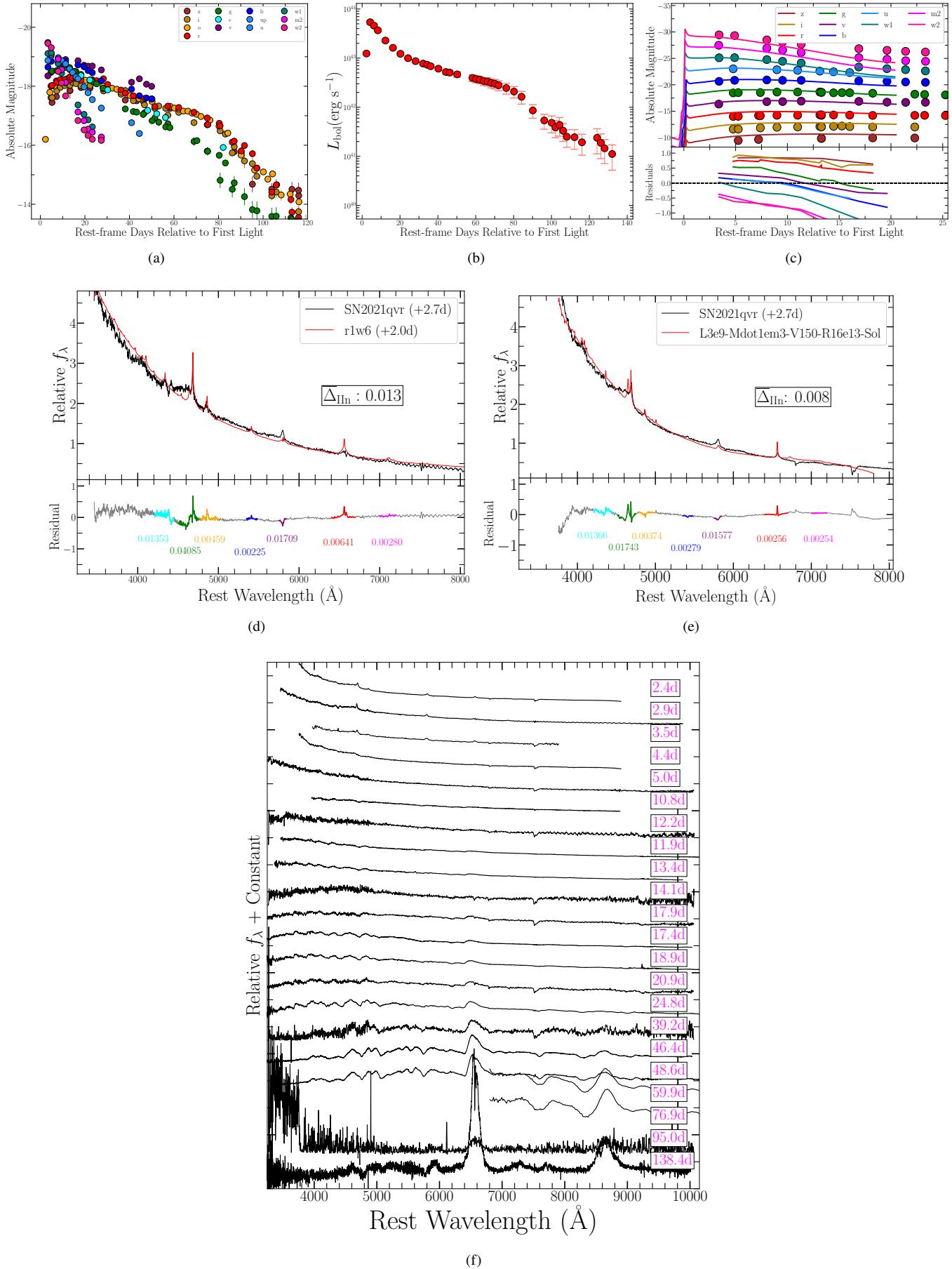
**Figure 28.** (a) SN 2021wvd (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



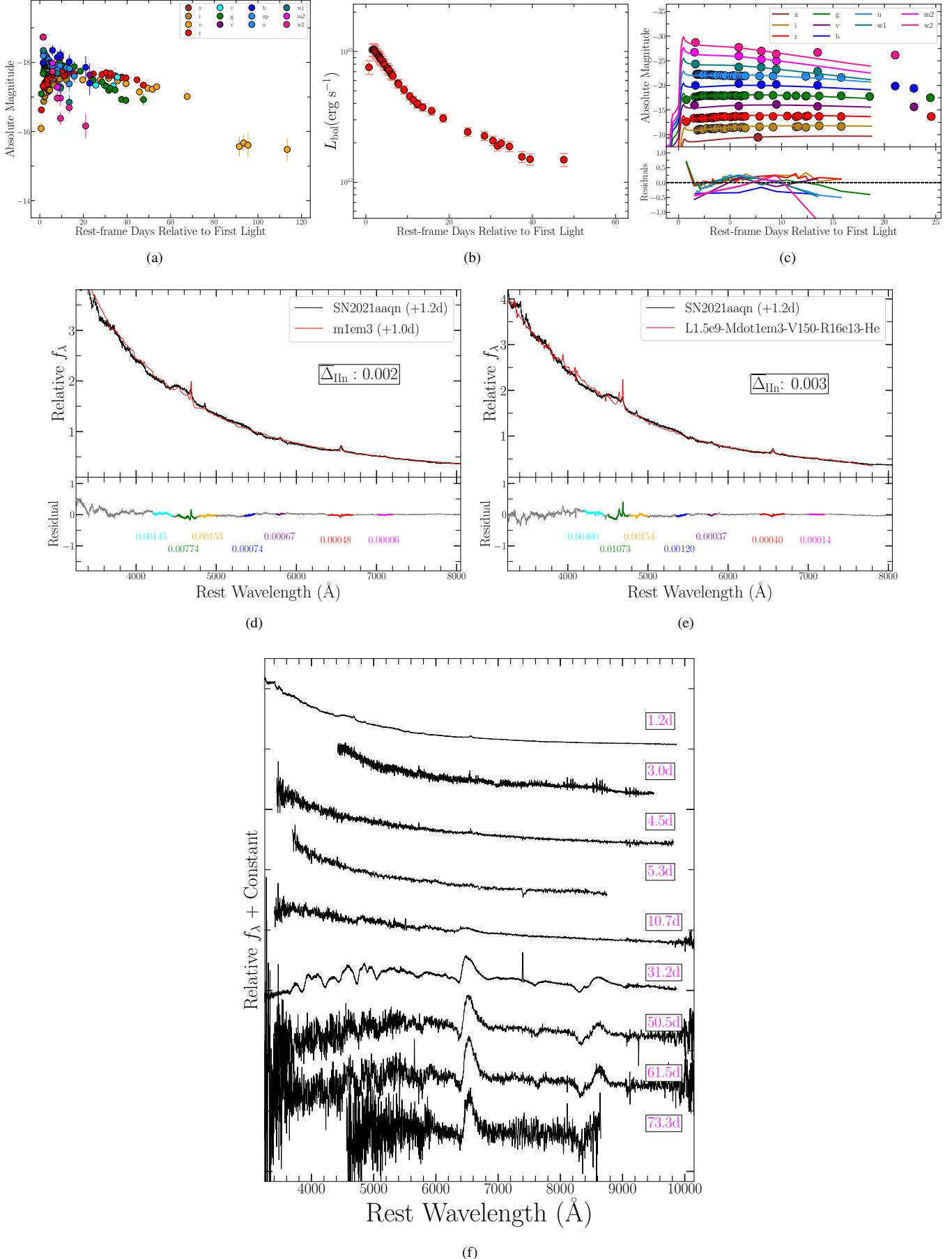
**Figure 29.** (a) SN 2021can (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



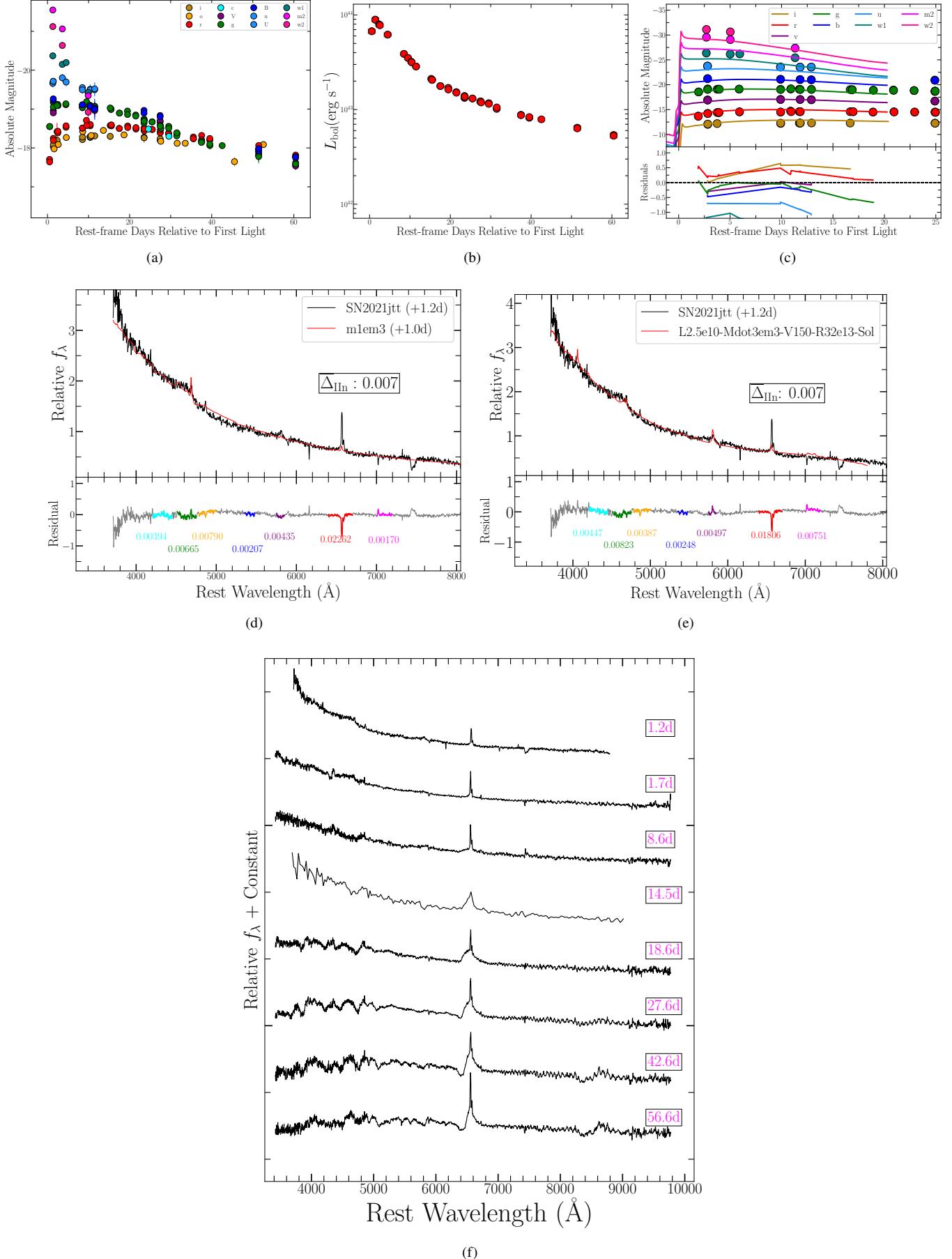
**Figure 30.** (a) SN 2021ont (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



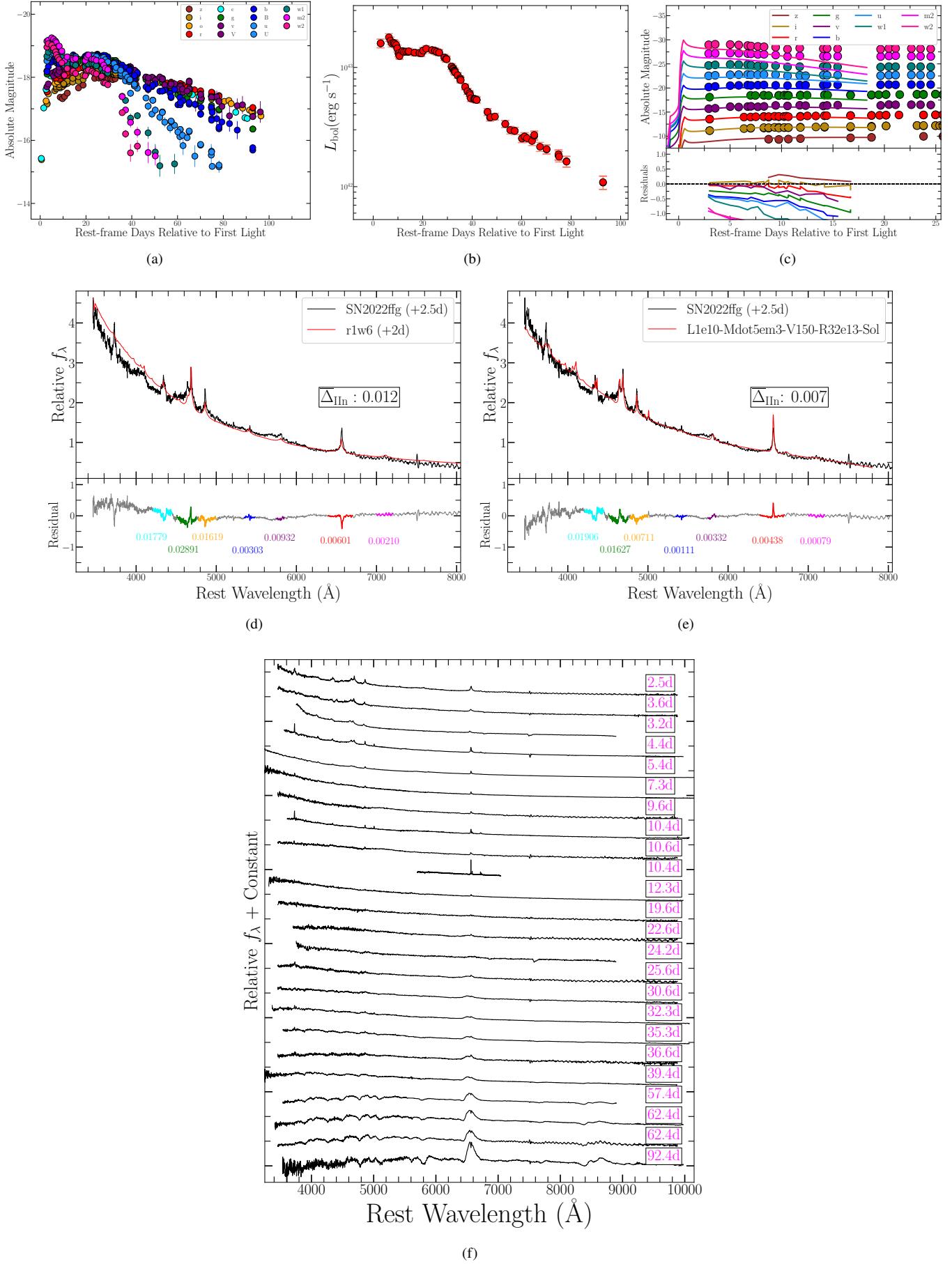
**Figure 31.** (a) SN 2021qvr (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



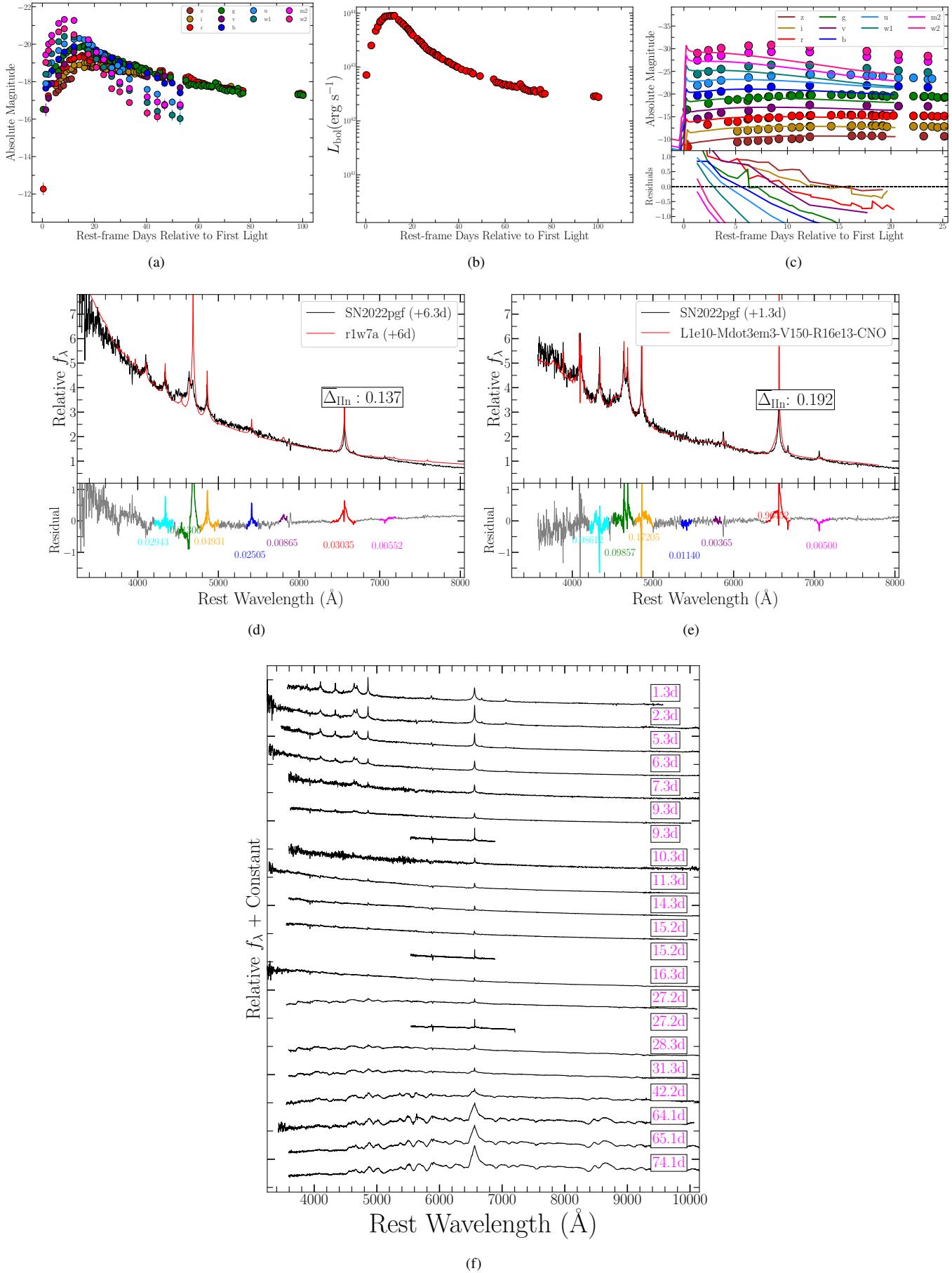
**Figure 32.** (a) SN 2021aaqn (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



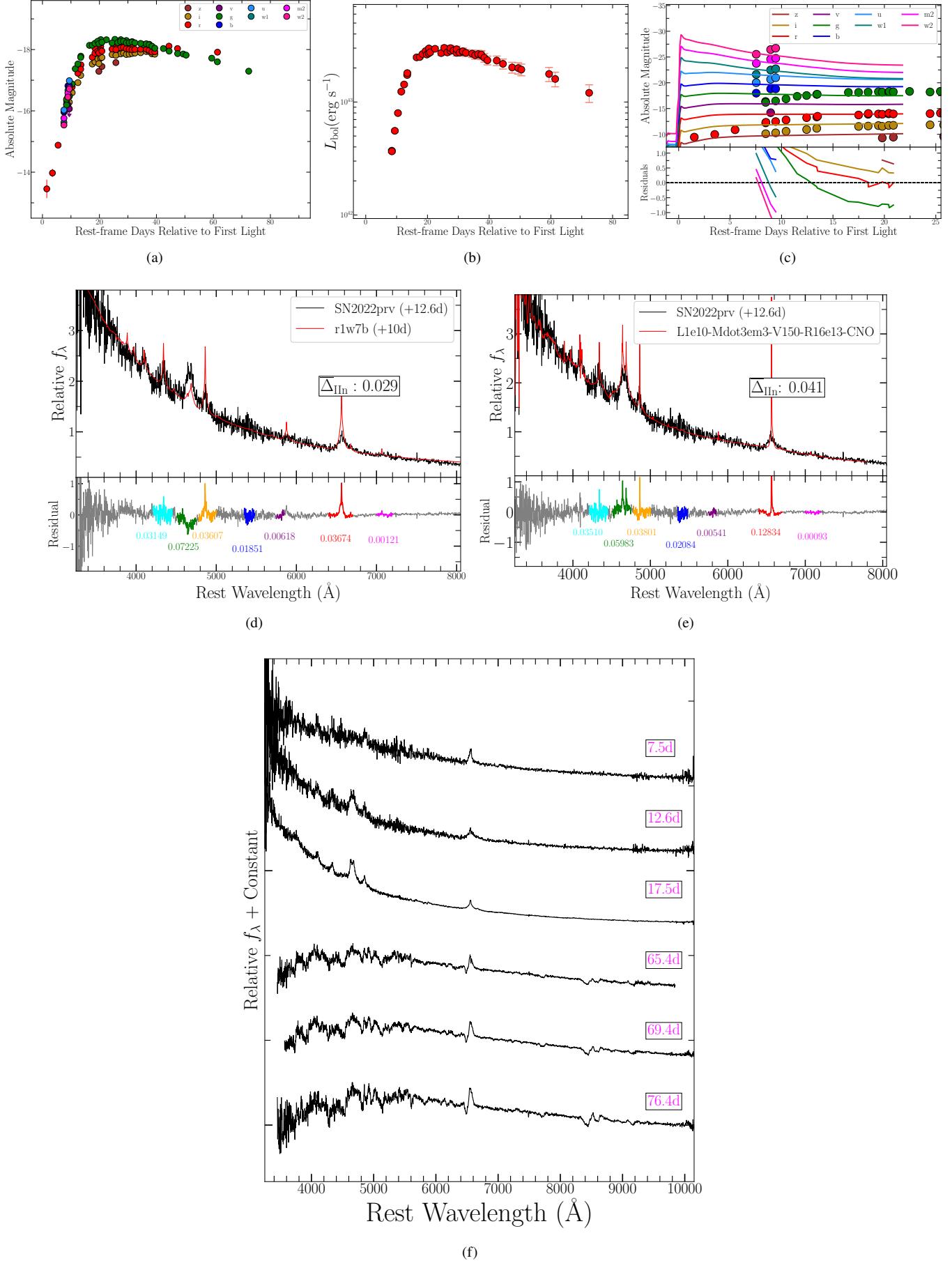
**Figure 33.** (a) SN 2021jtt (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



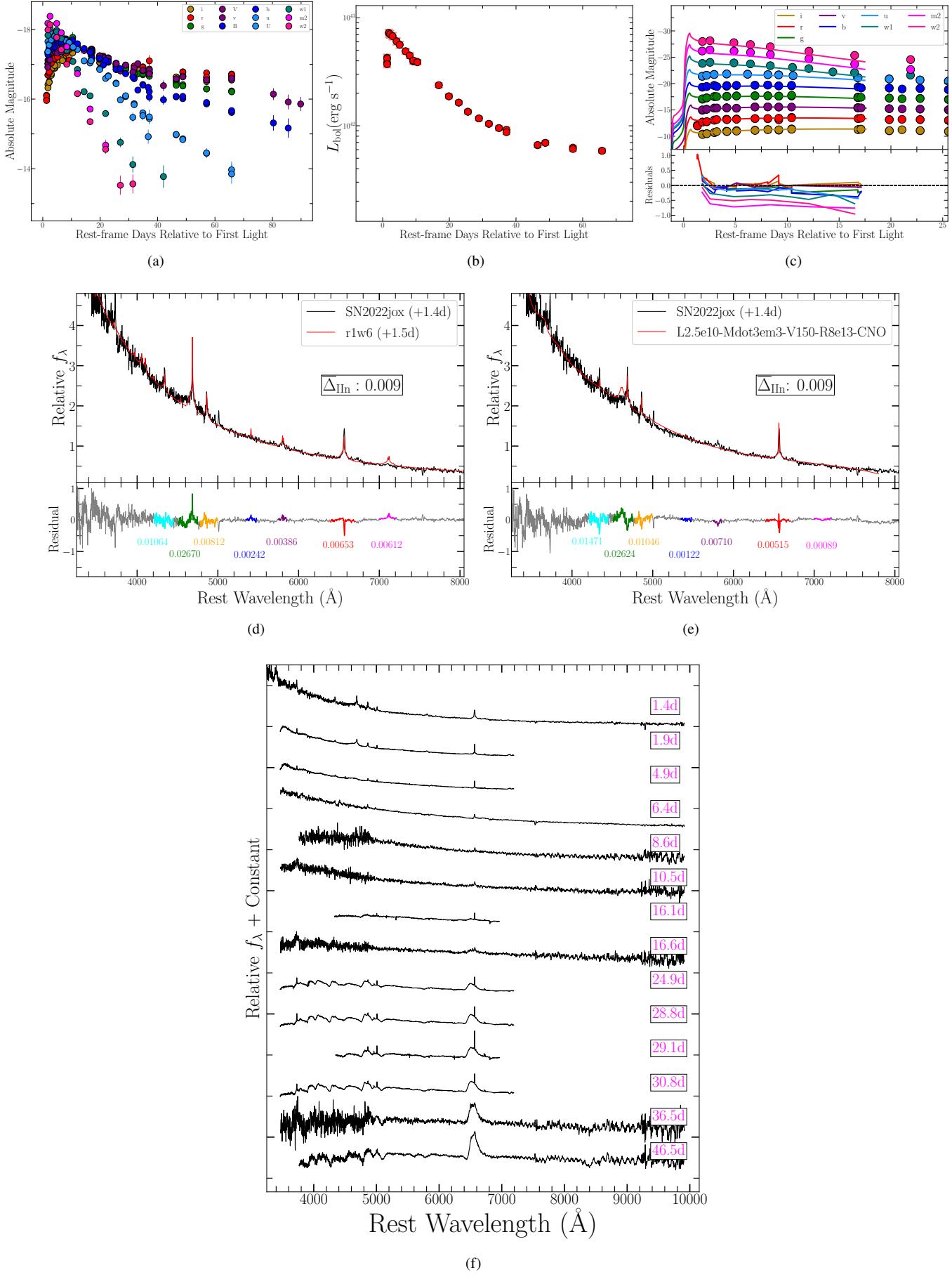
**Figure 34.** (a) SN 2022ffg (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



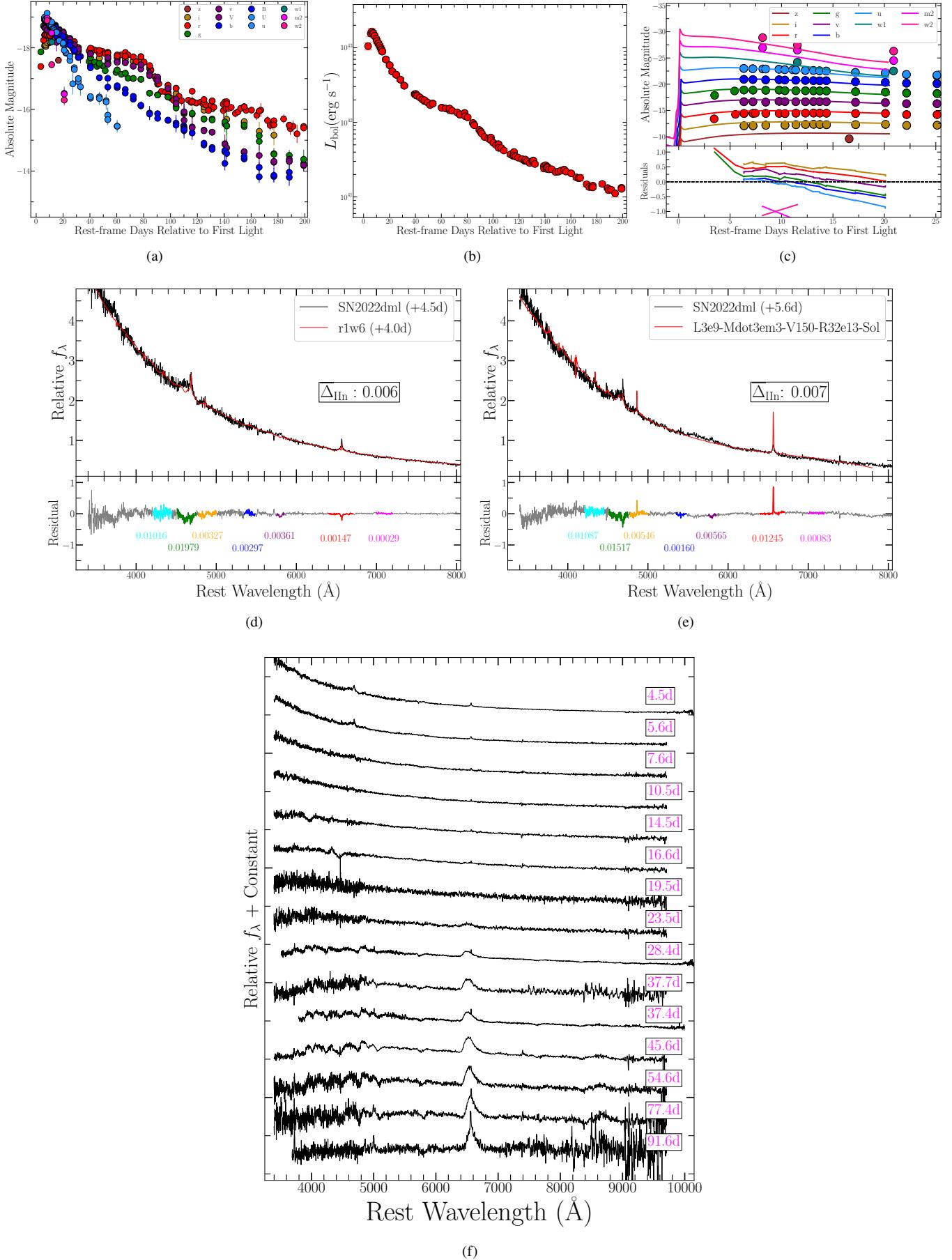
**Figure 35.** (a) SN 2022pgf (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



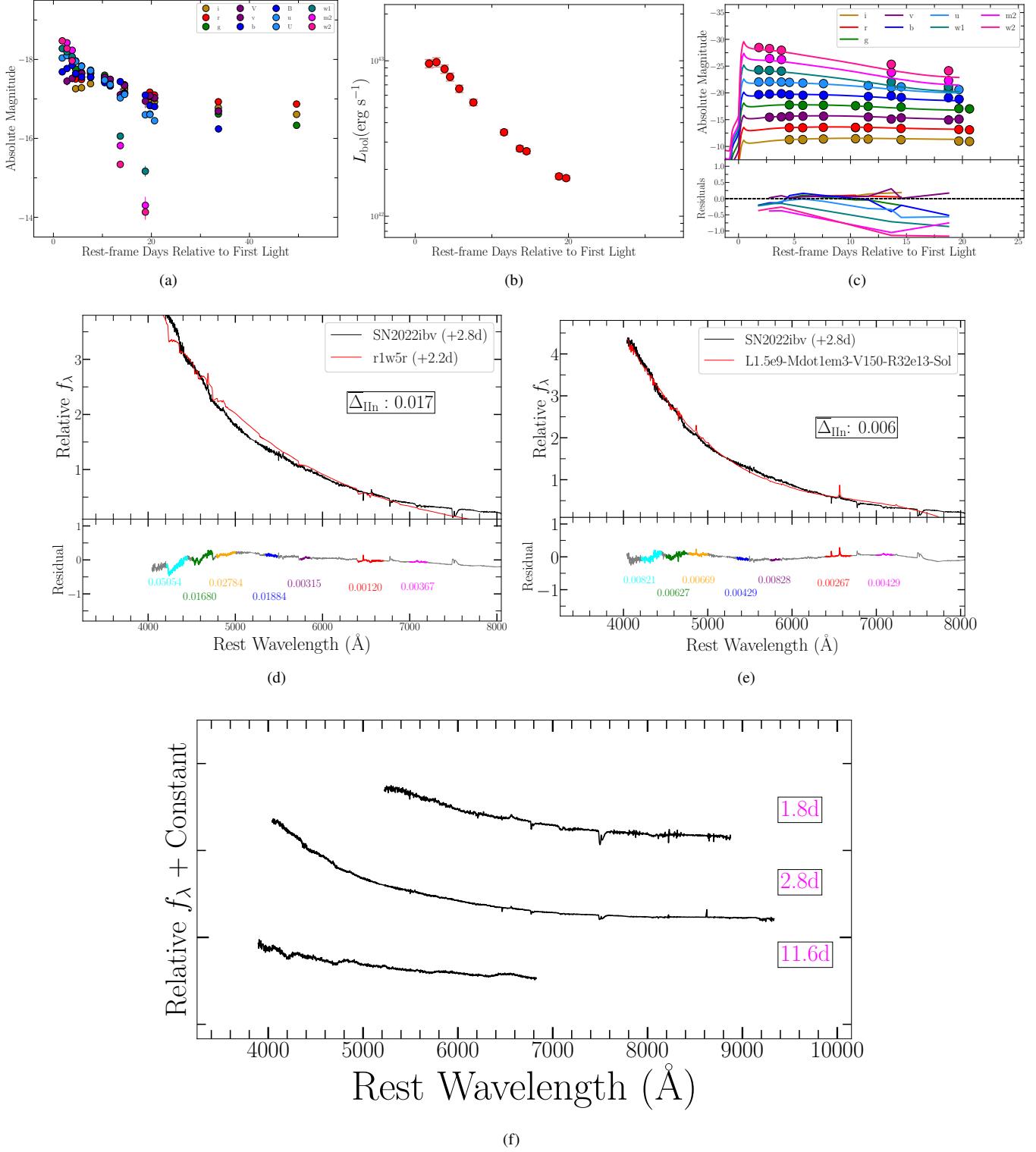
**Figure 36.** (a) SN 2022prv (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



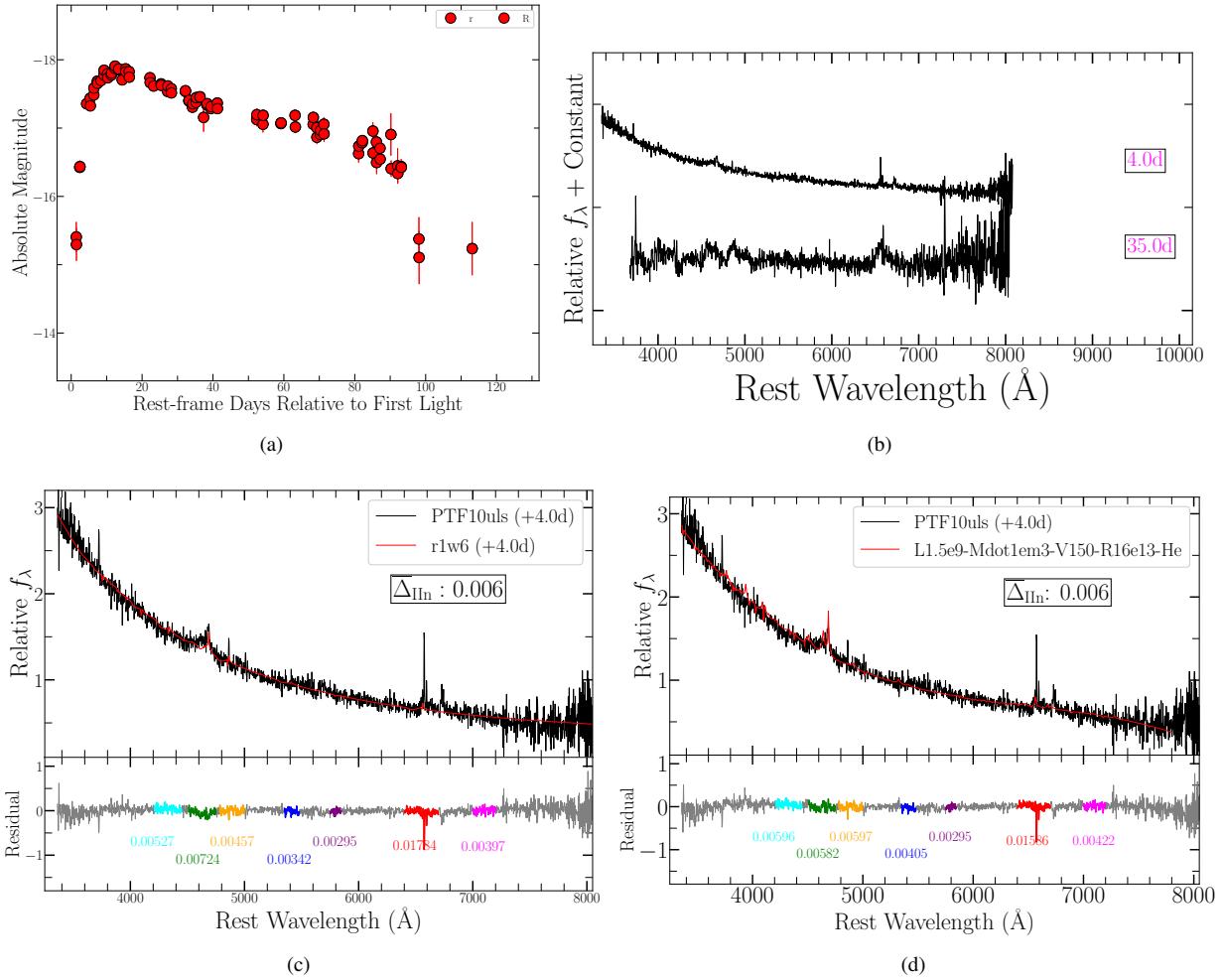
**Figure 37.** (a) SN 2022jox (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



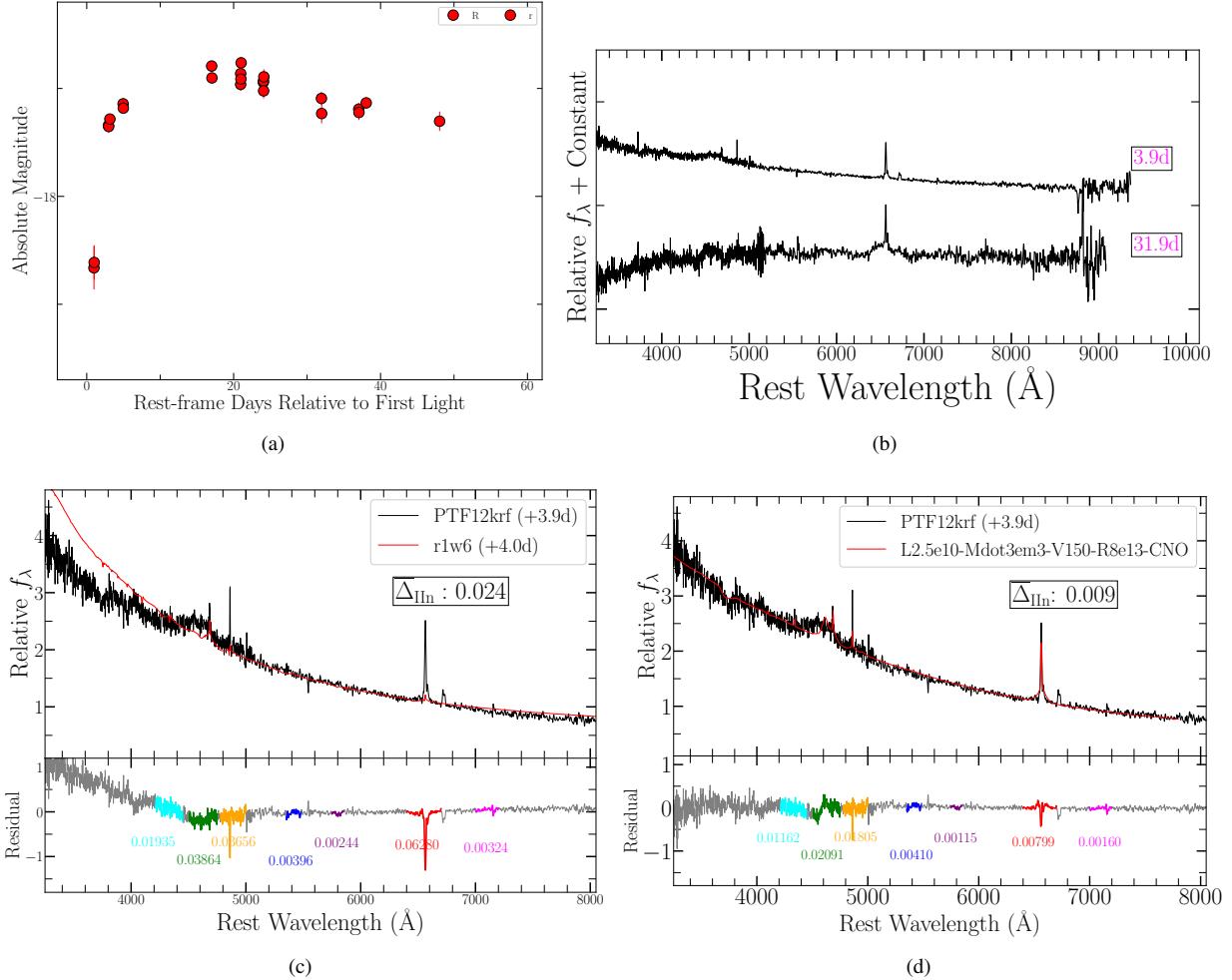
**Figure 38.** (a) SN 2022dml (silver): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



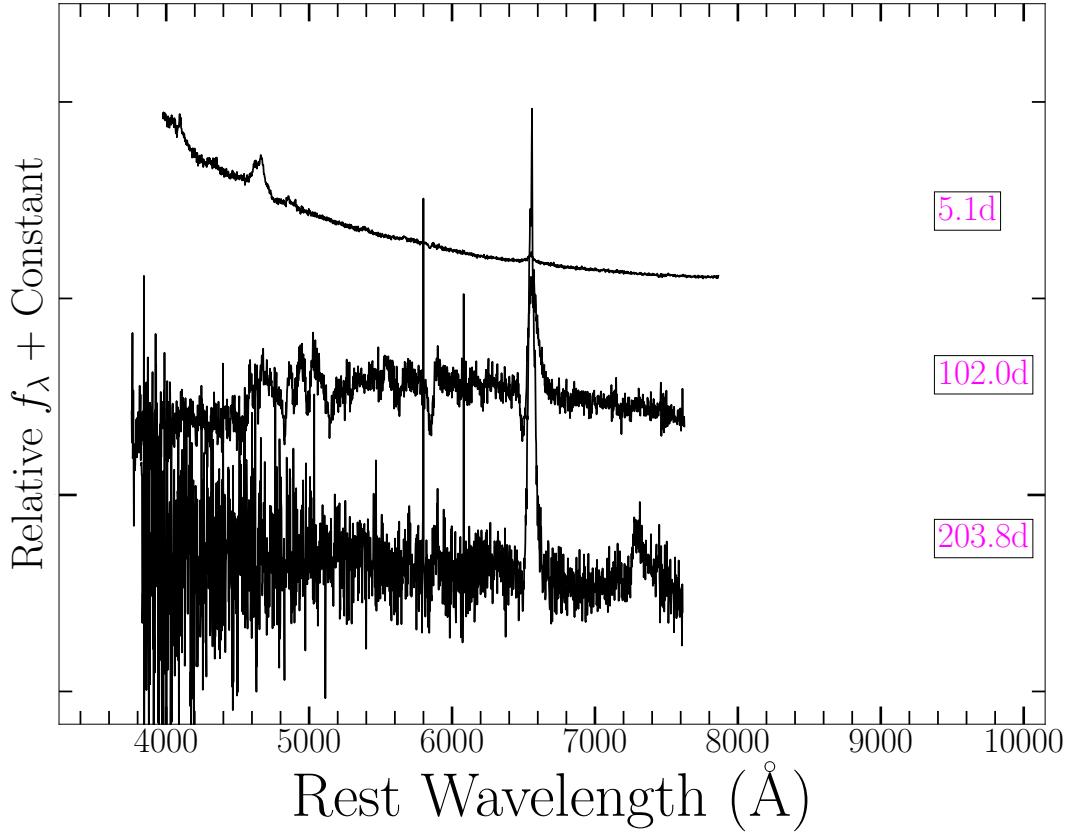
**Figure 39.** (a) SN 2022ibv (gold): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) best fit spectral model from CMFGEN grid, (e) best fit spectral model from Boian & Groh (2020) grid, and (f) spectral series.



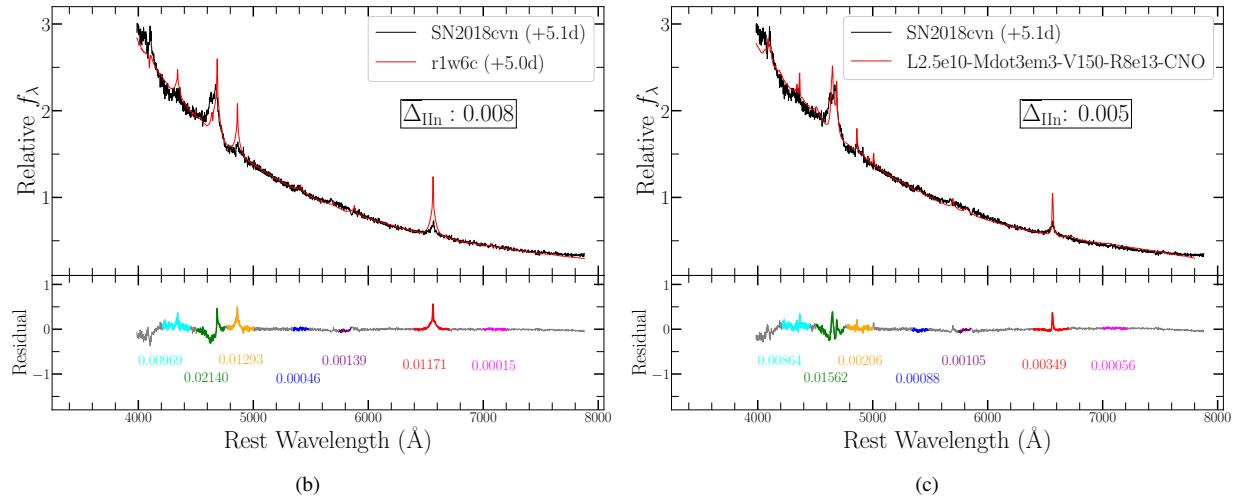
**Figure 40.** (a) PTF10uls (bronze): (a) Multi-color light curves, (b) spectral series, (c) best fit spectral model from CMFGEN grid, (d) best fit spectral model from Boian & Groh (2020) grid. Spectra and optical photometry are from Khazov et al. (2016).



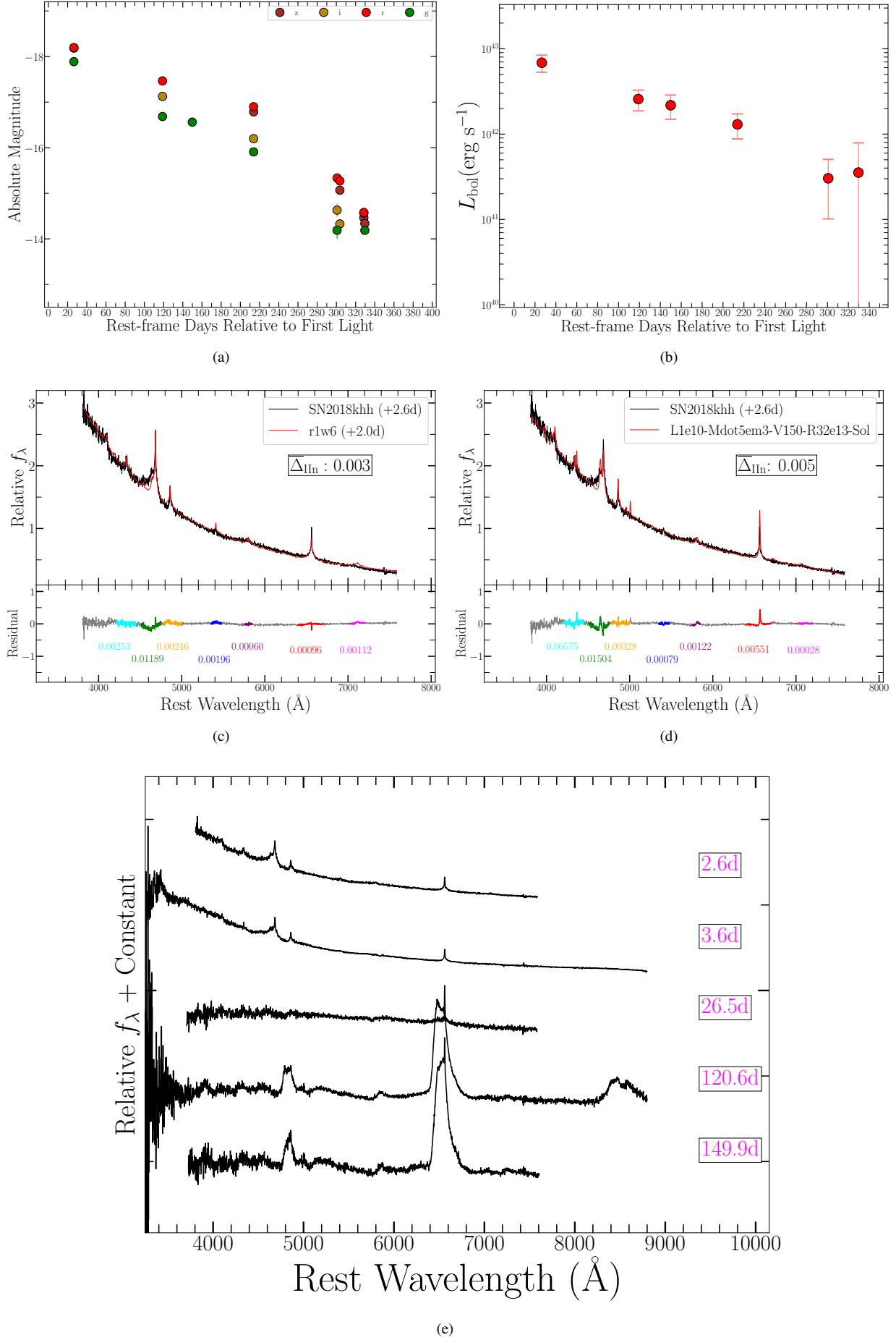
**Figure 41.** (a) PTF12krf (bronze): (a) Multi-color light curves, (b) spectral series, (c) best fit spectral model from CMFGEN grid, (d) best fit spectral model from Boian & Groh (2020) grid. Spectra and optical photometry are from Khazov et al. (2016).



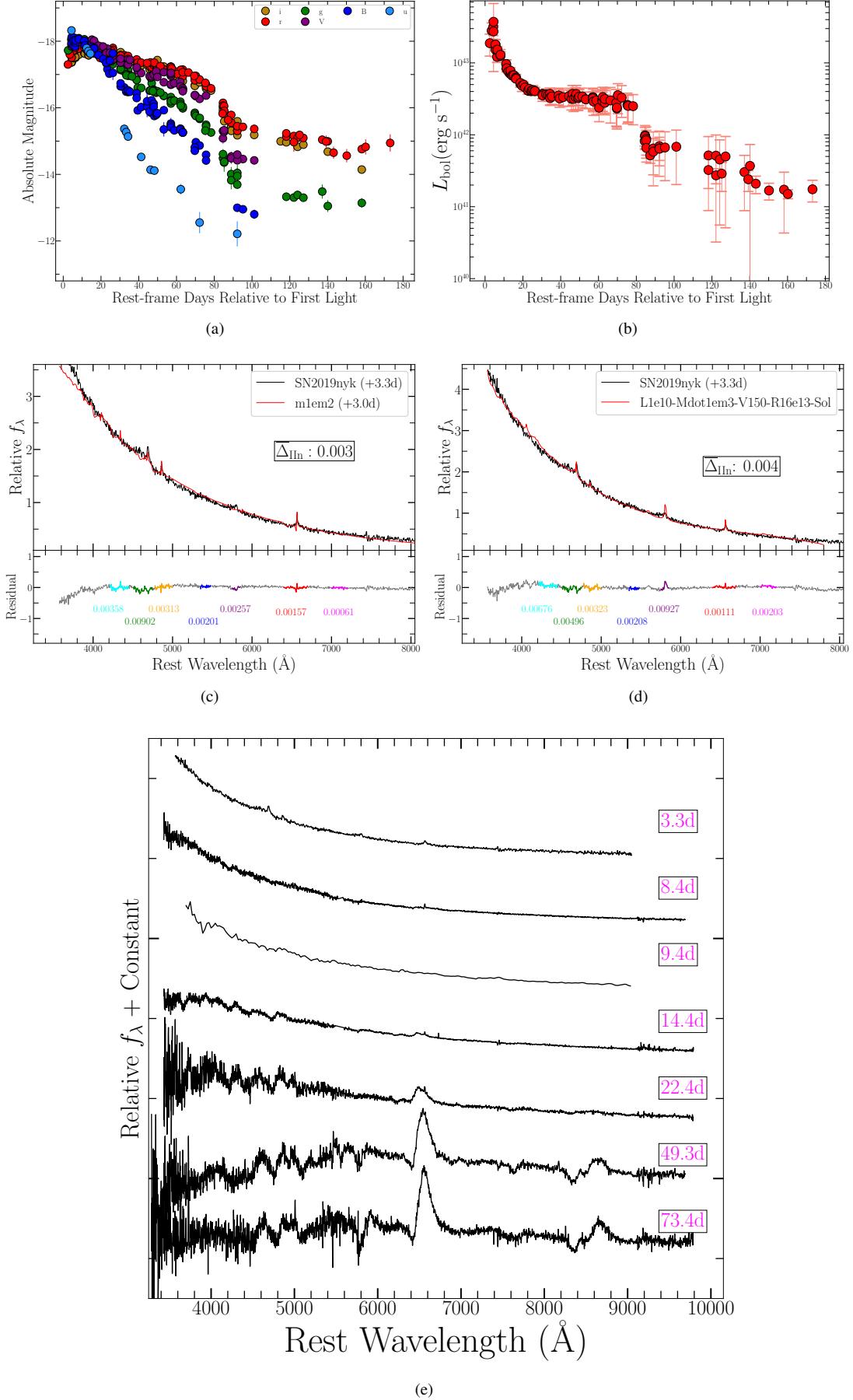
(a)



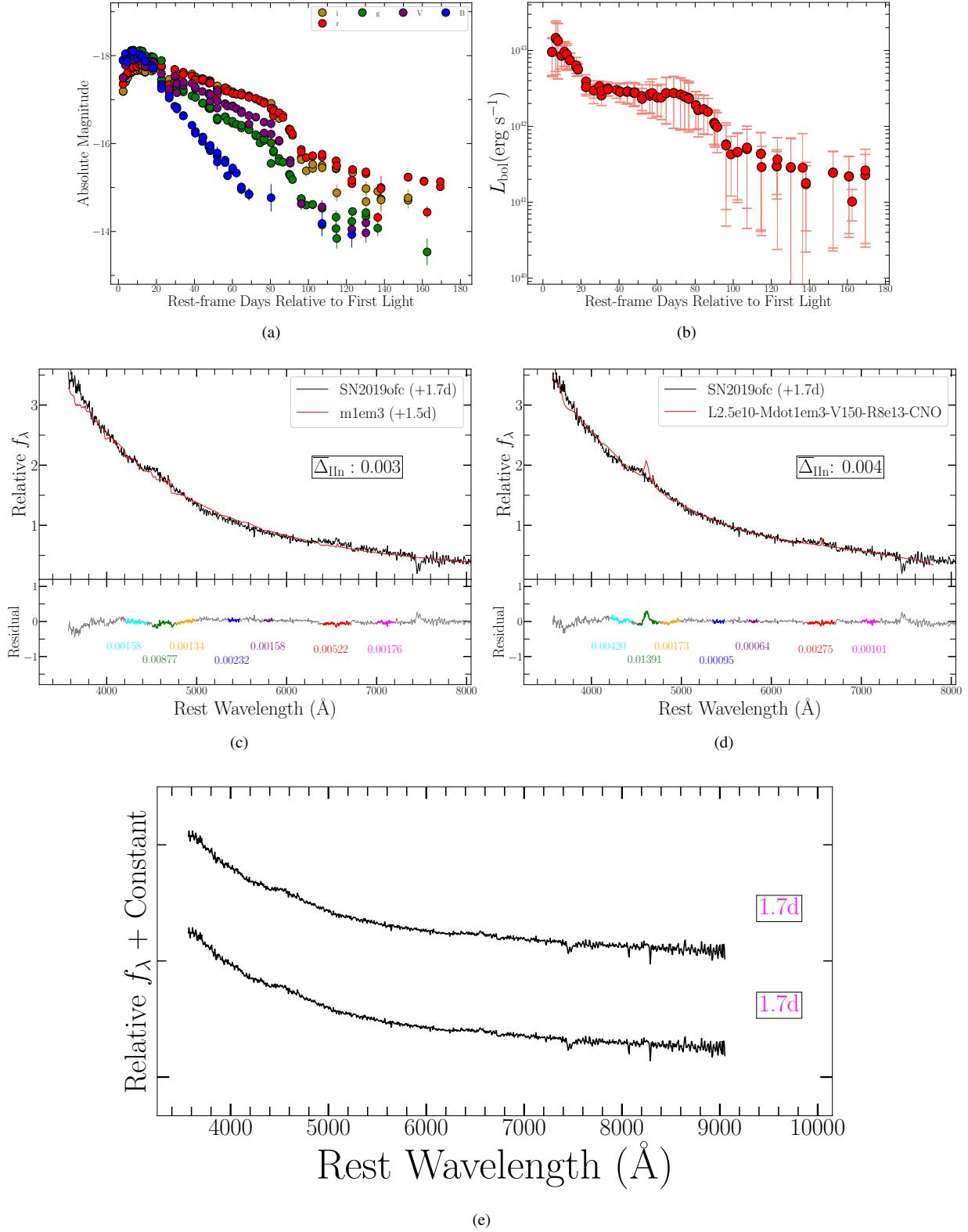
**Figure 42.** (a) SN 2018cvn (bronze): (a) spectral series, (b) best fit spectral model from CMFGEN grid, (c) best fit spectral model from Boian & Groh (2020) grid.



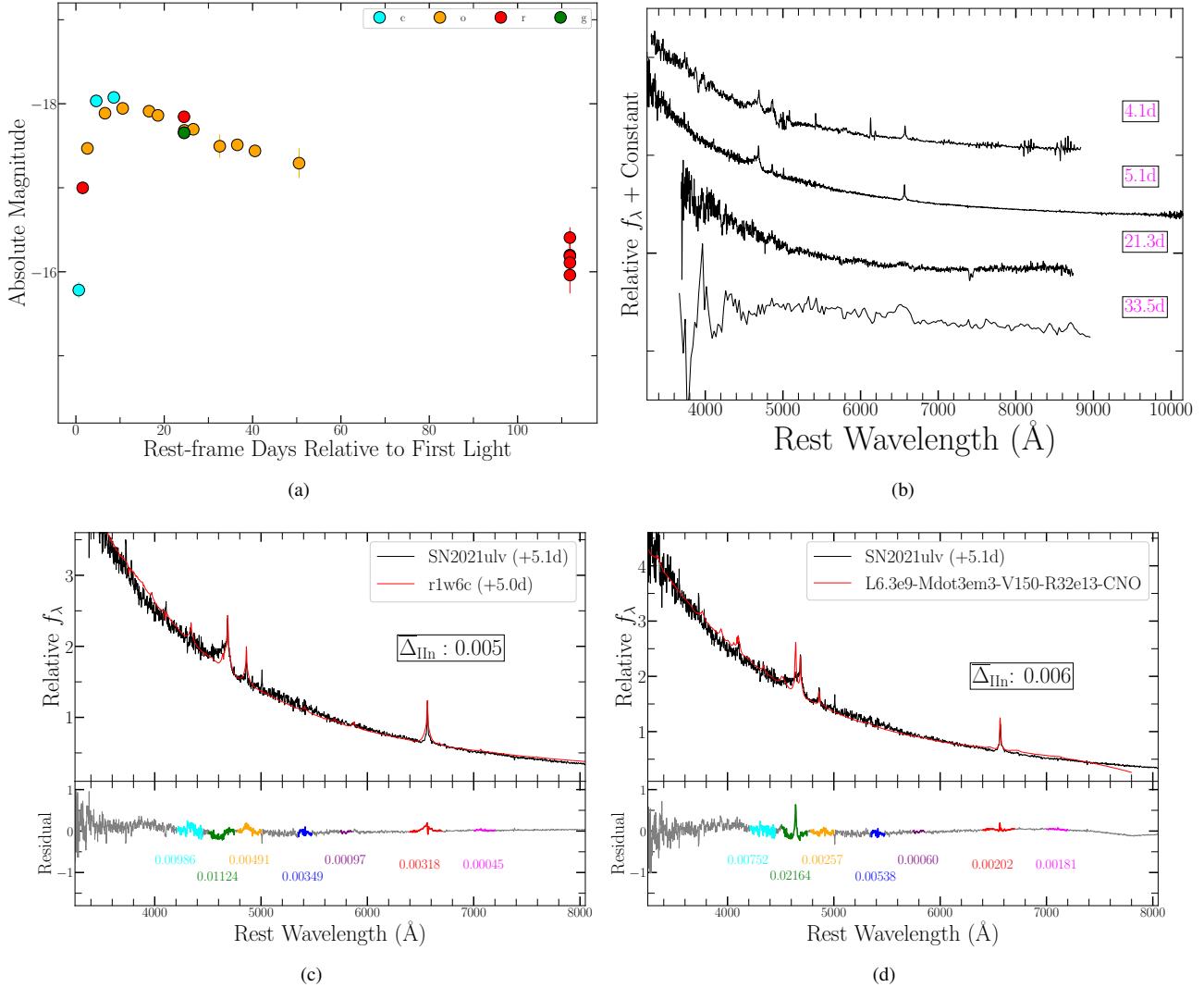
**Figure 43.** (a) SN 2018khh (bronze): (a) Multi-color light curves, (b) spectral series, (c) best fit spectral model from CMFGEN grid, (d) best fit spectral model from Boian & Groh (2020) grid.



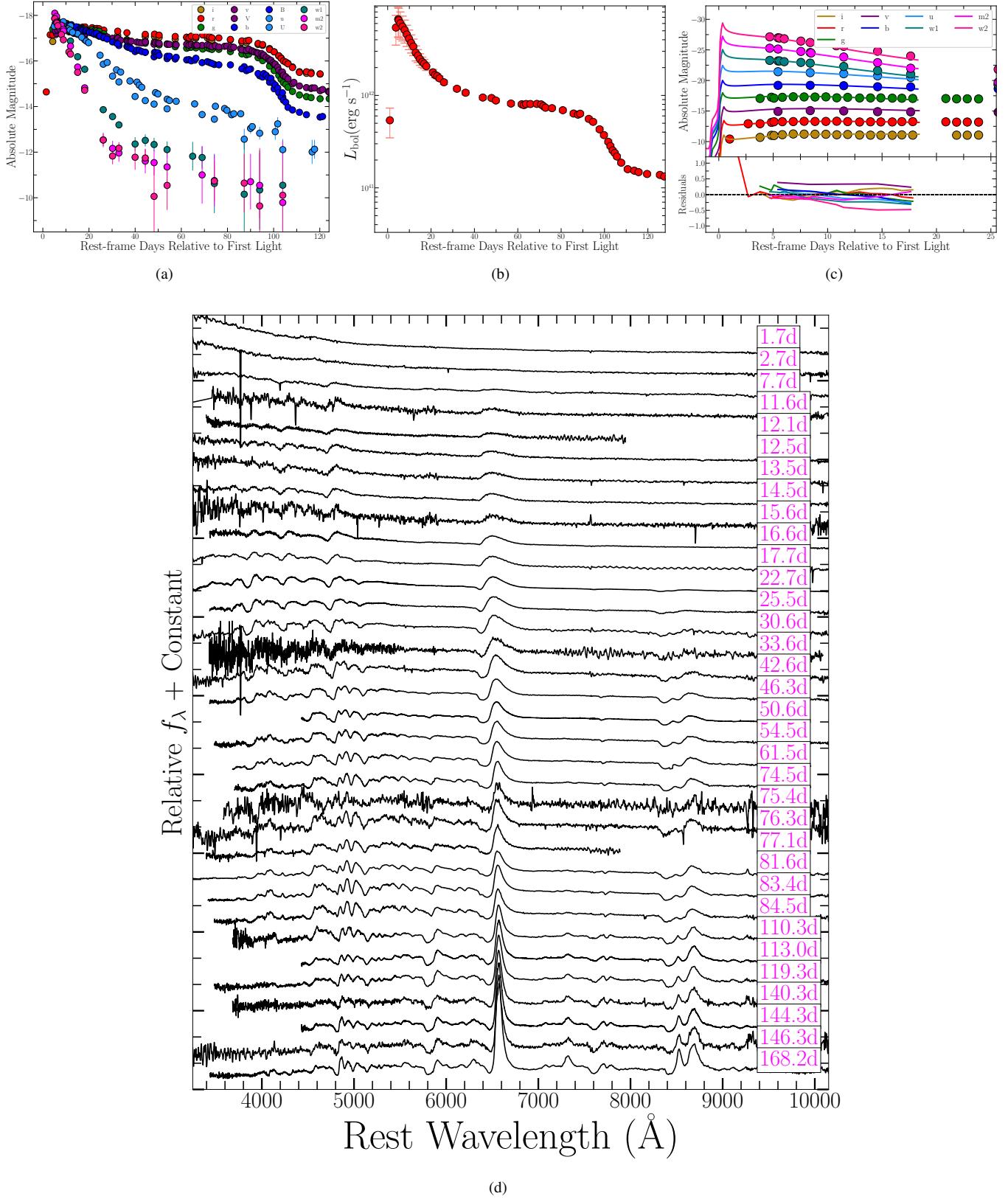
**Figure 44.** (a) SN 2019nyk (bronze): (a) Multi-color light curves, (b) spectral series, (c) best fit spectral model from CMFGEN grid, (d) best fit spectral model from Boian & Groh (2020) grid.



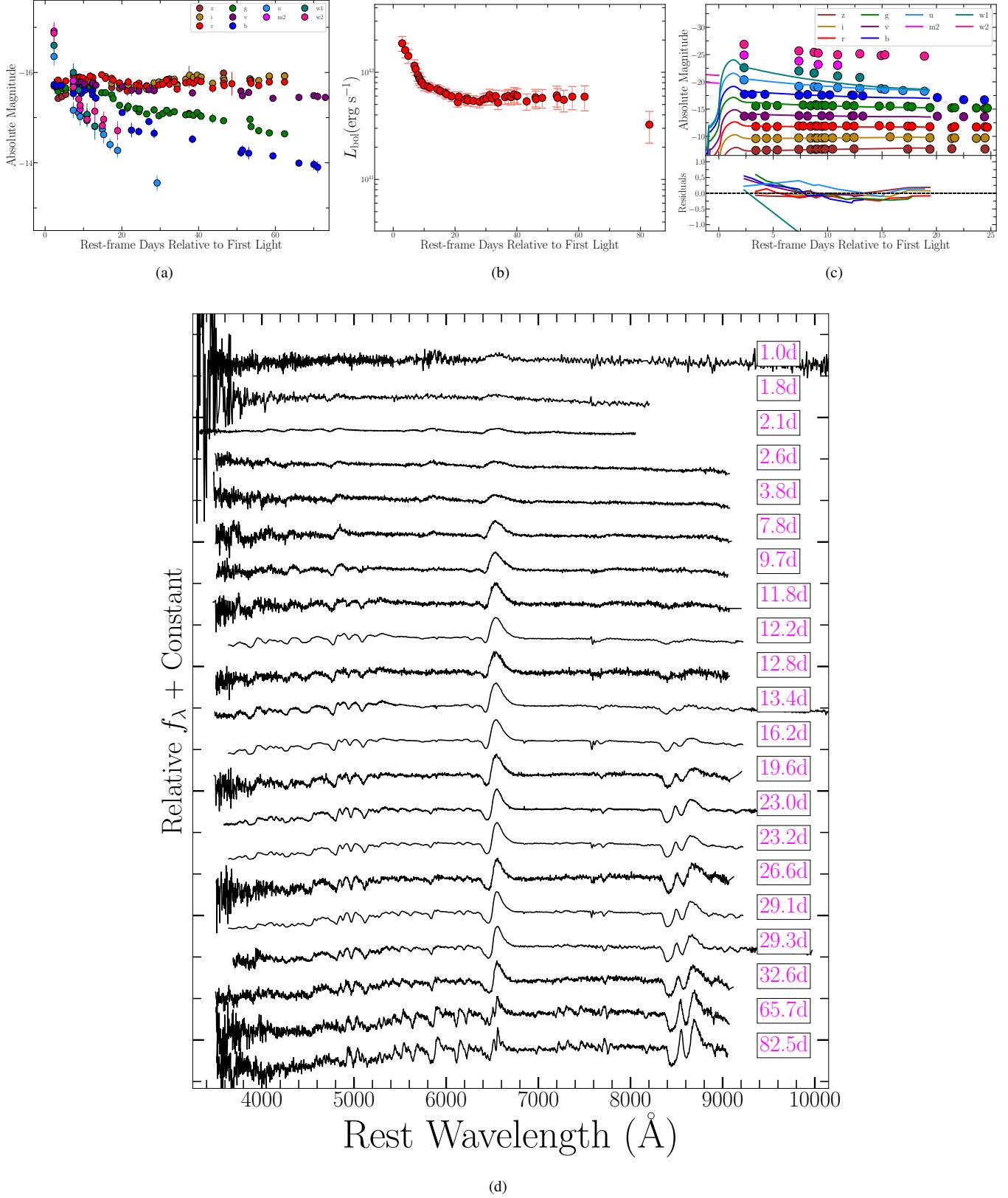
**Figure 45.** (a) SN 2019ofc (bronze): (a) Multi-color light curves, (b) spectral series, (c) best fit spectral model from CMFGEN grid, (d) best fit spectral model from Boian & Groh (2020) grid.



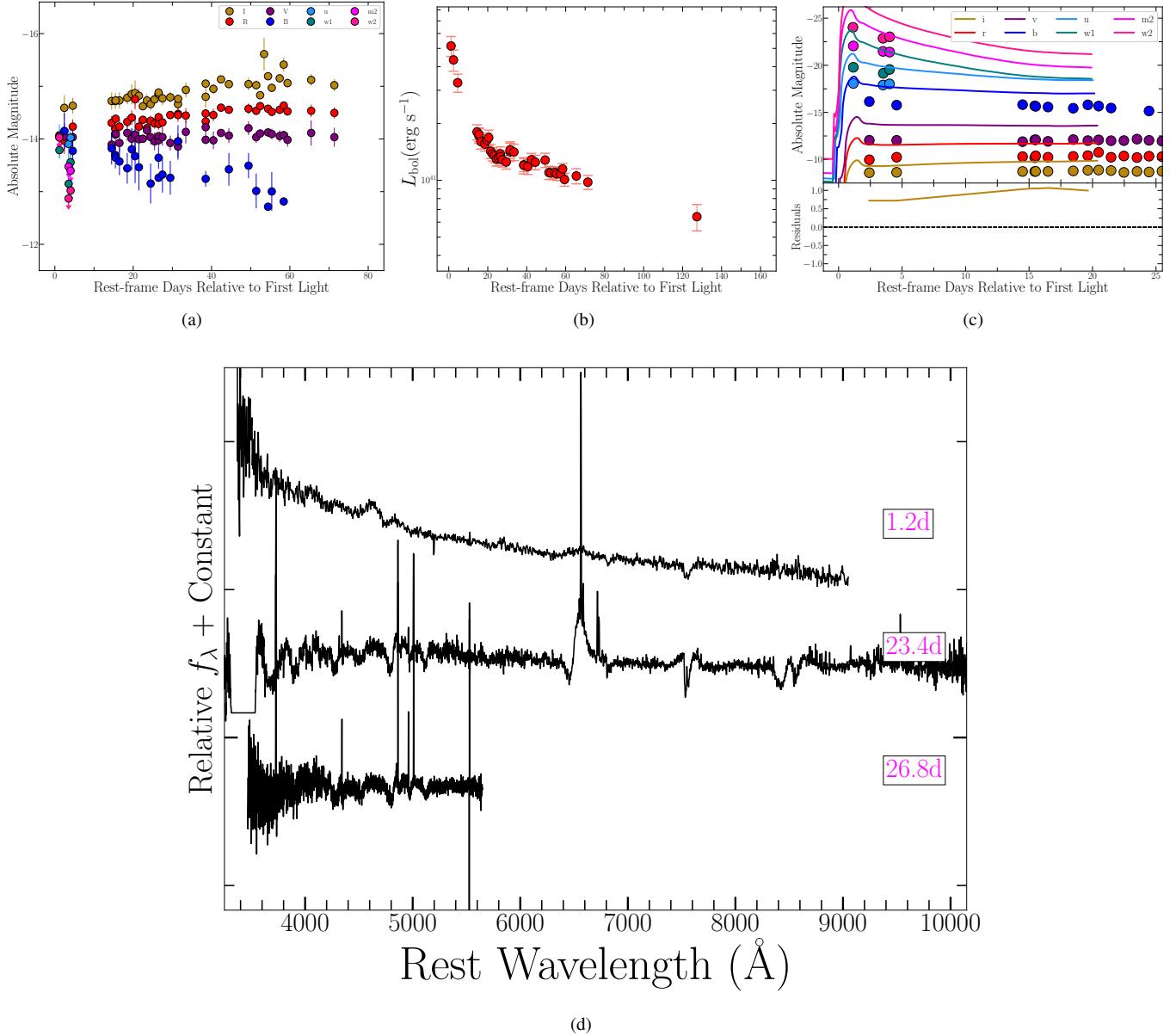
**Figure 46.** (a) SN 2021ulv (bronze): (a) Multi-color light curves, (b) spectral series, (c) best fit spectral model from CMFGEN grid, (d) best fit spectral model from Boian & Groh (2020) grid.



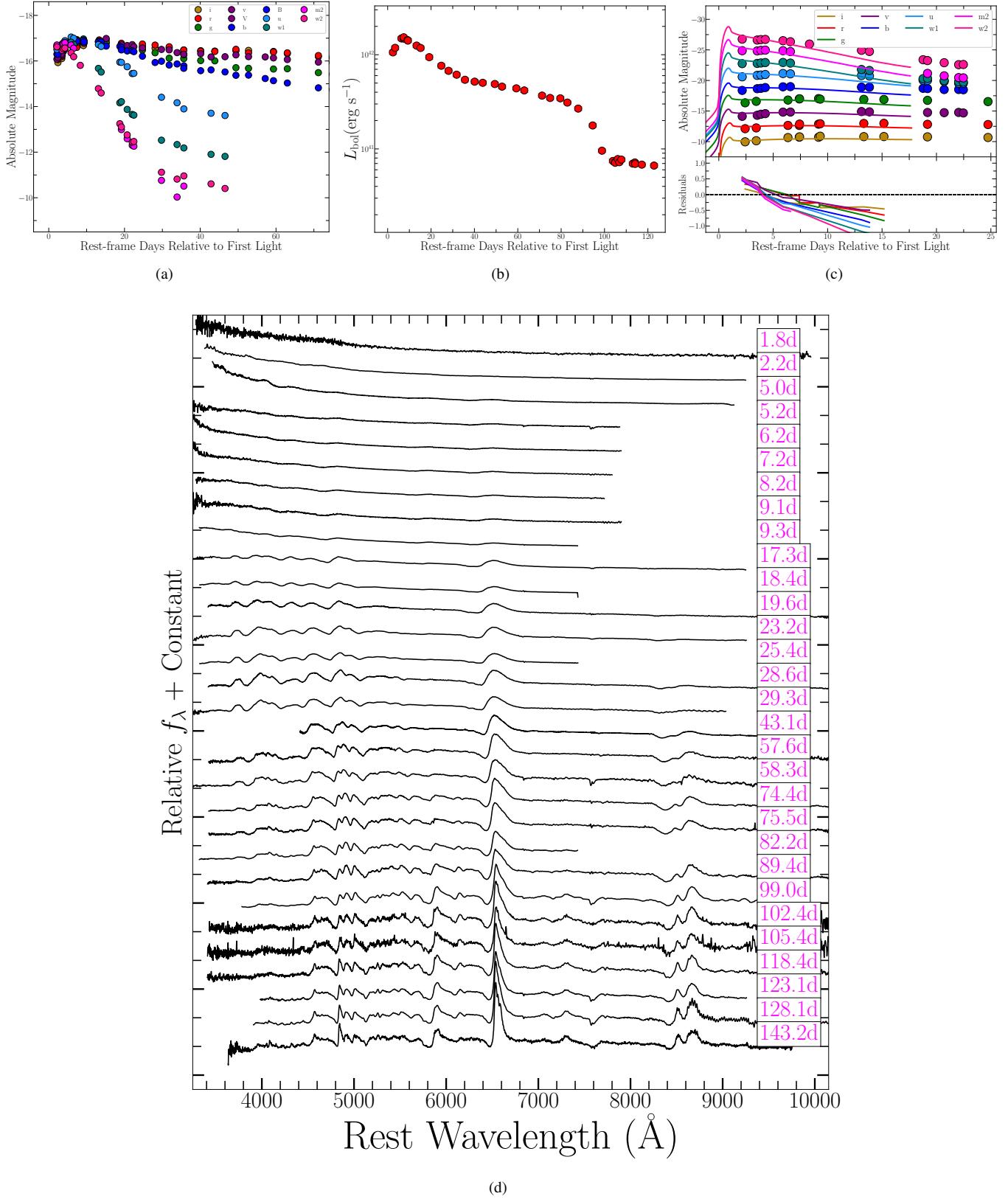
**Figure 47.** (a) SN 2013ab (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series. Spectra and photometry are from Bose et al. (2015).



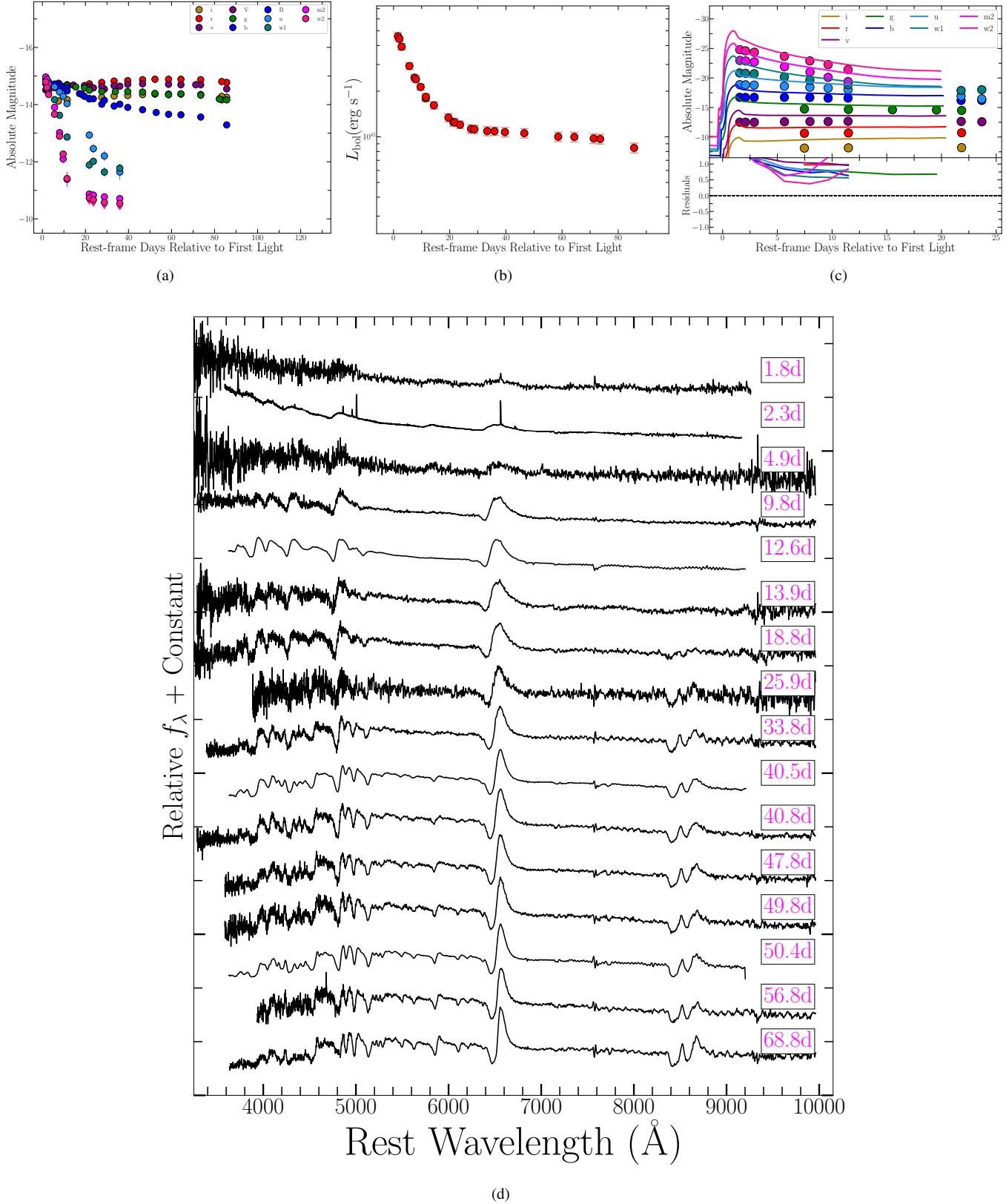
**Figure 48.** (a) SN 2013am (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series. Spectra and photometry are from Zhang et al. (2014).



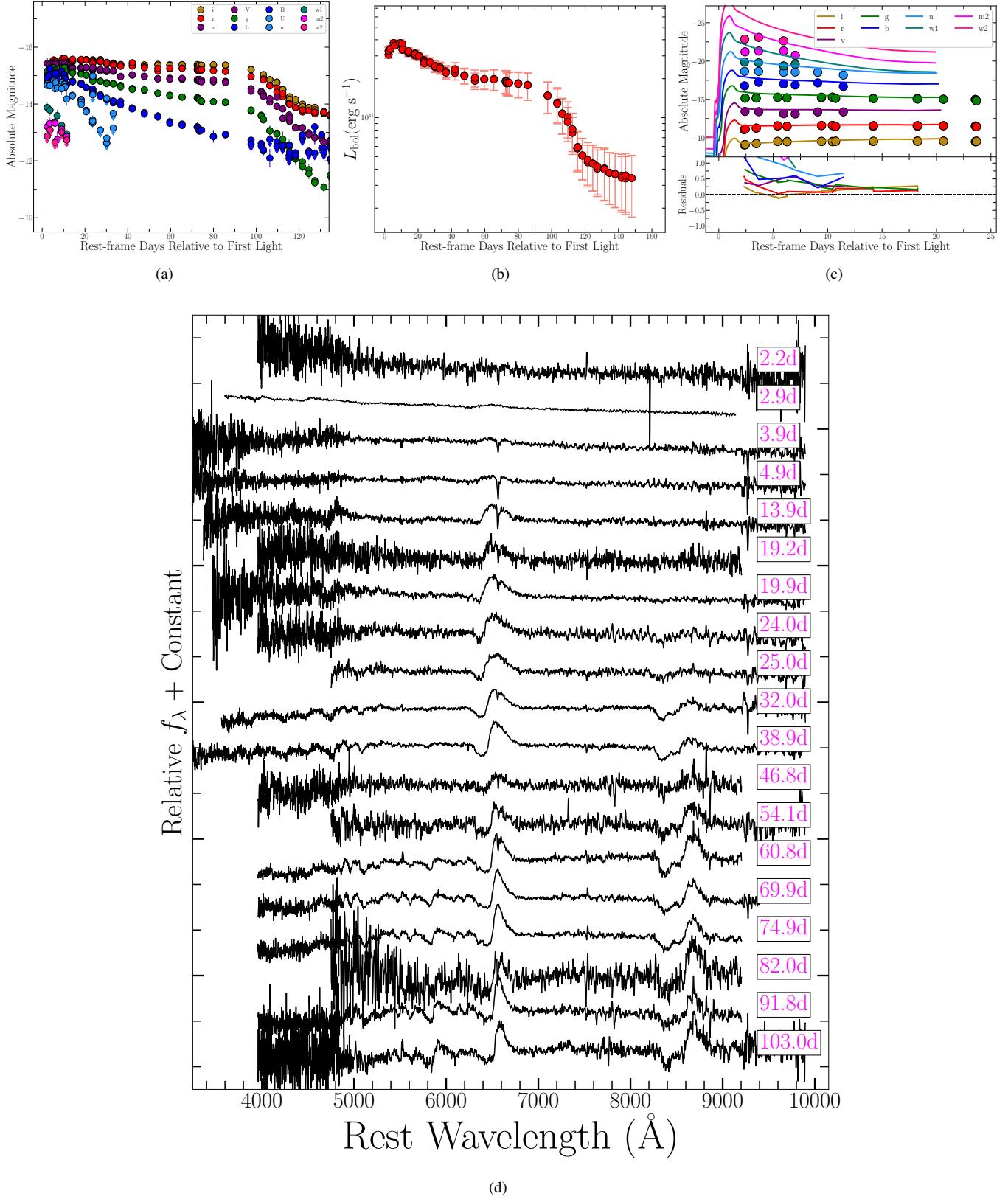
**Figure 49.** (a) SN 2013ft (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series. Spectra and photometry are from Khazov et al. (2016); de Jaeger et al. (2019).



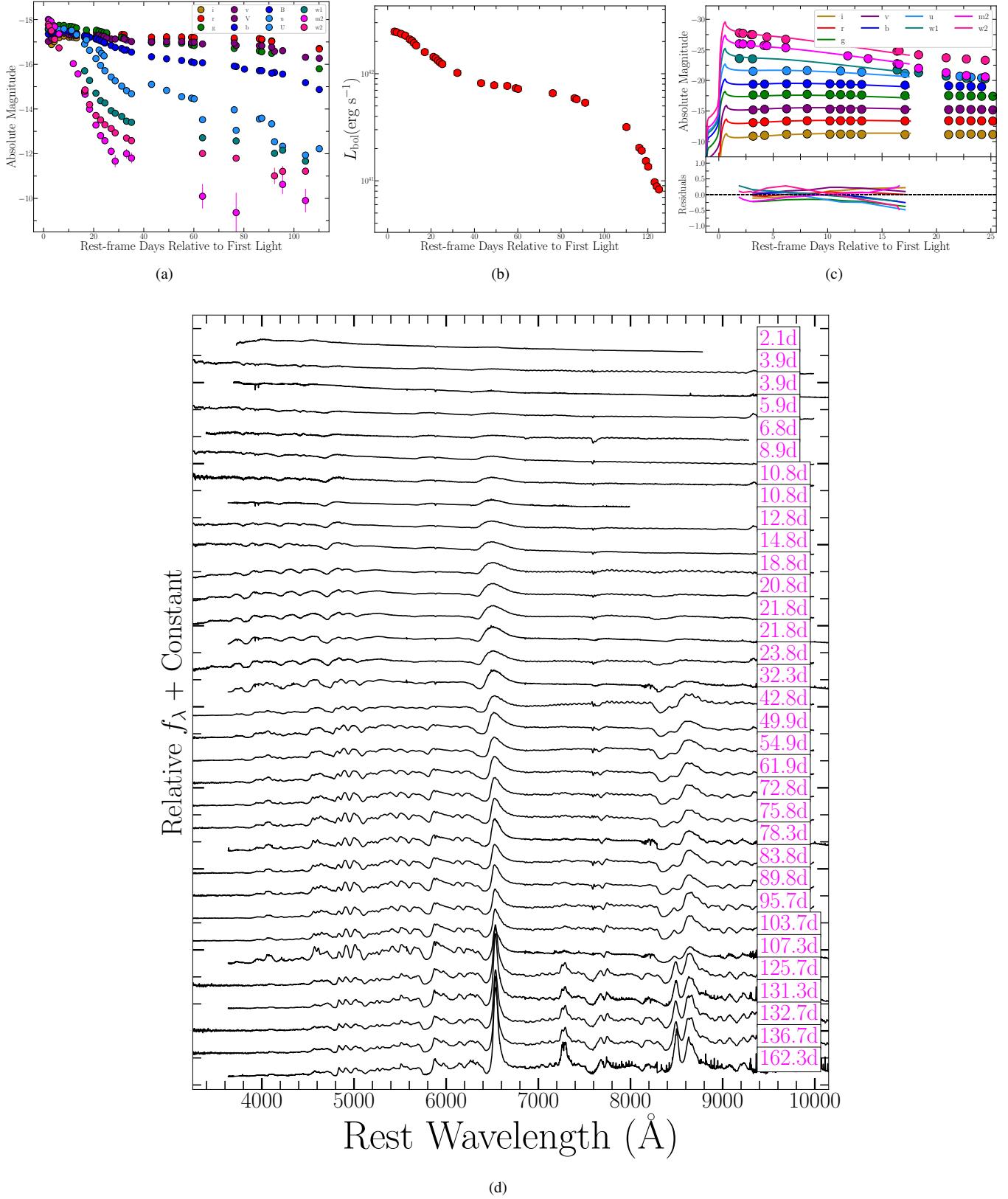
**Figure 50.** (a) SN 2016X (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series. Spectra and photometry are from Huang et al. (2018).



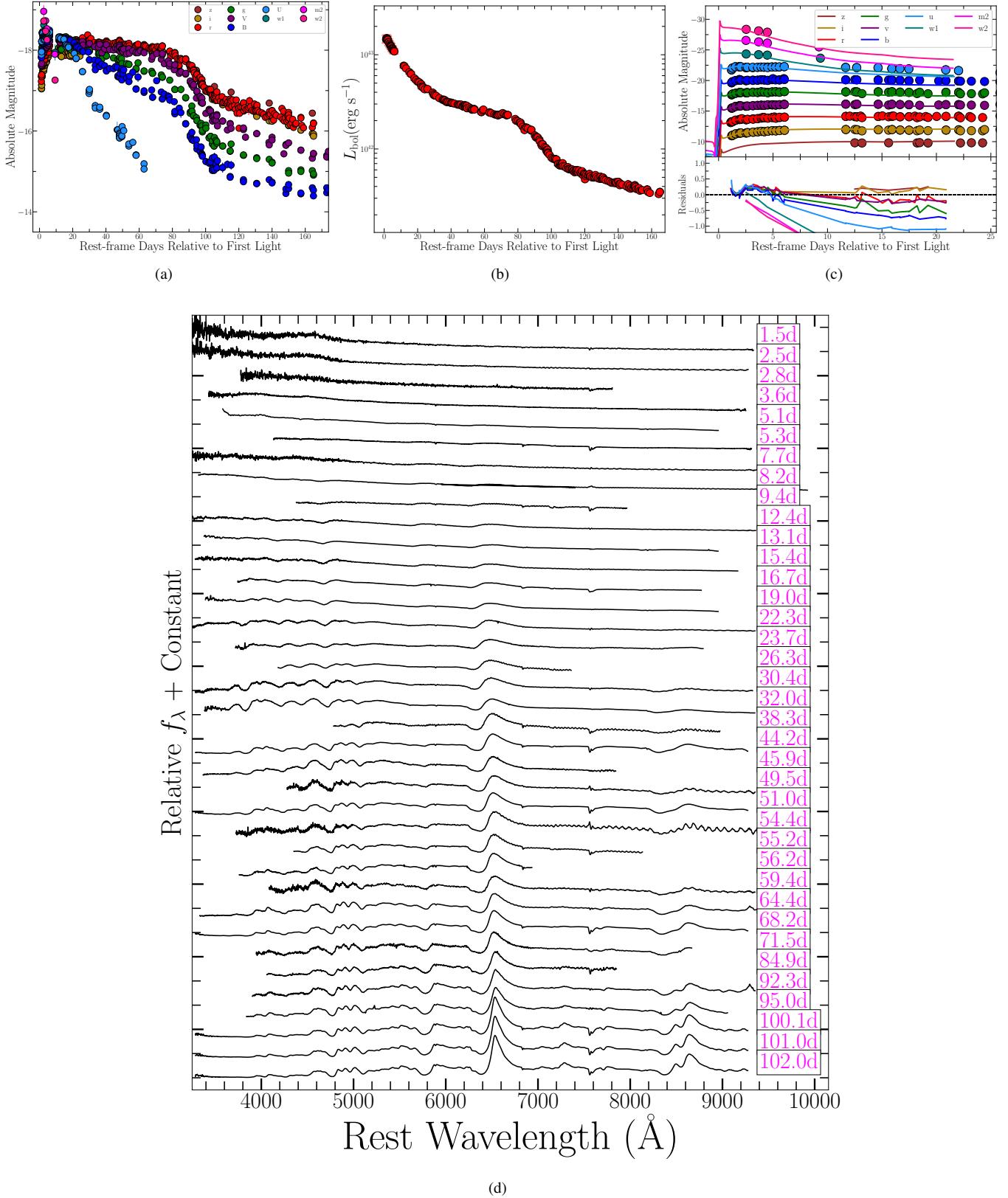
**Figure 51.** (a) SN 2016aqf (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series. Spectra and photometry are from Müller-Bravo et al. (2020).



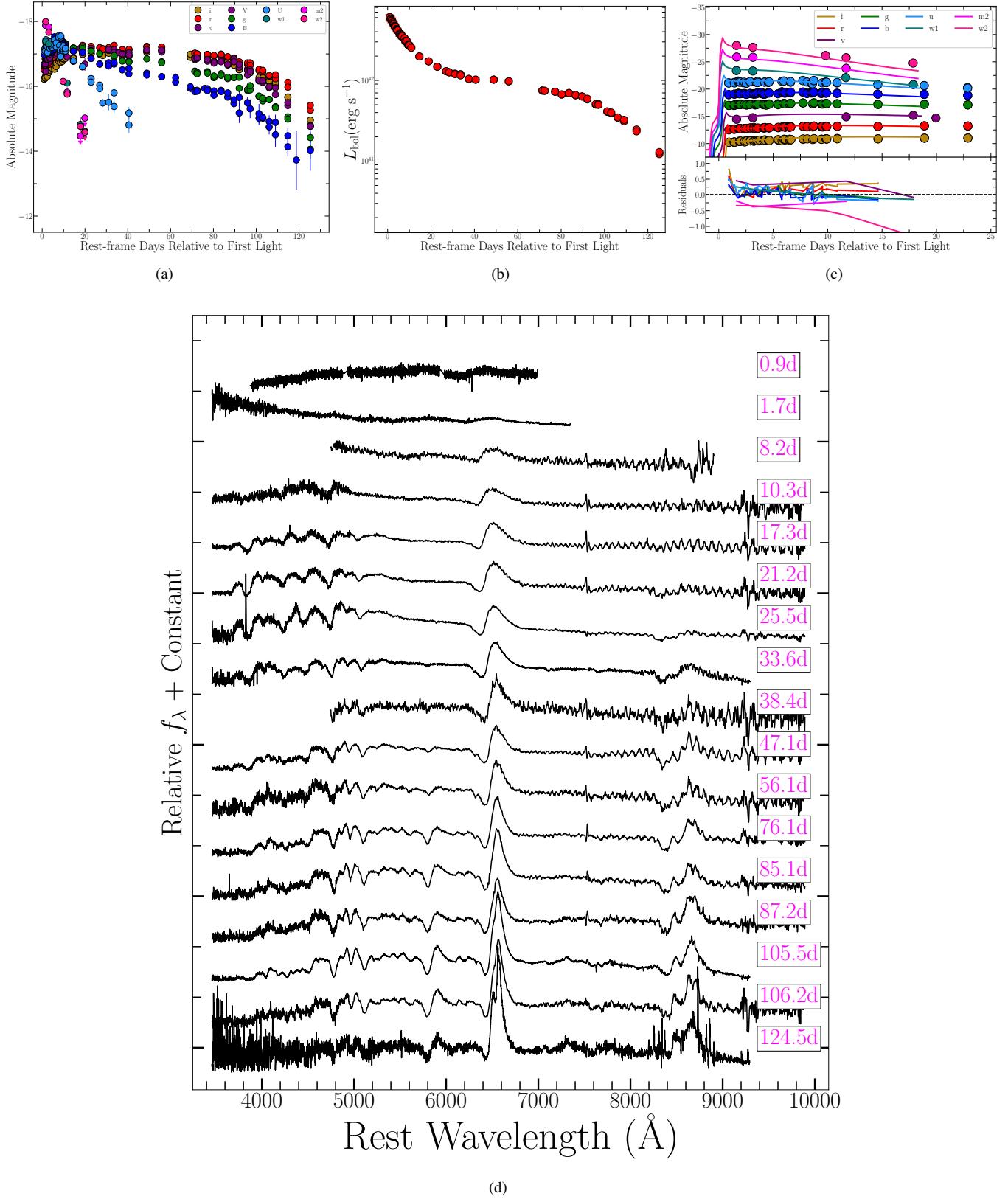
**Figure 52.** (a) SN 2016iyz (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



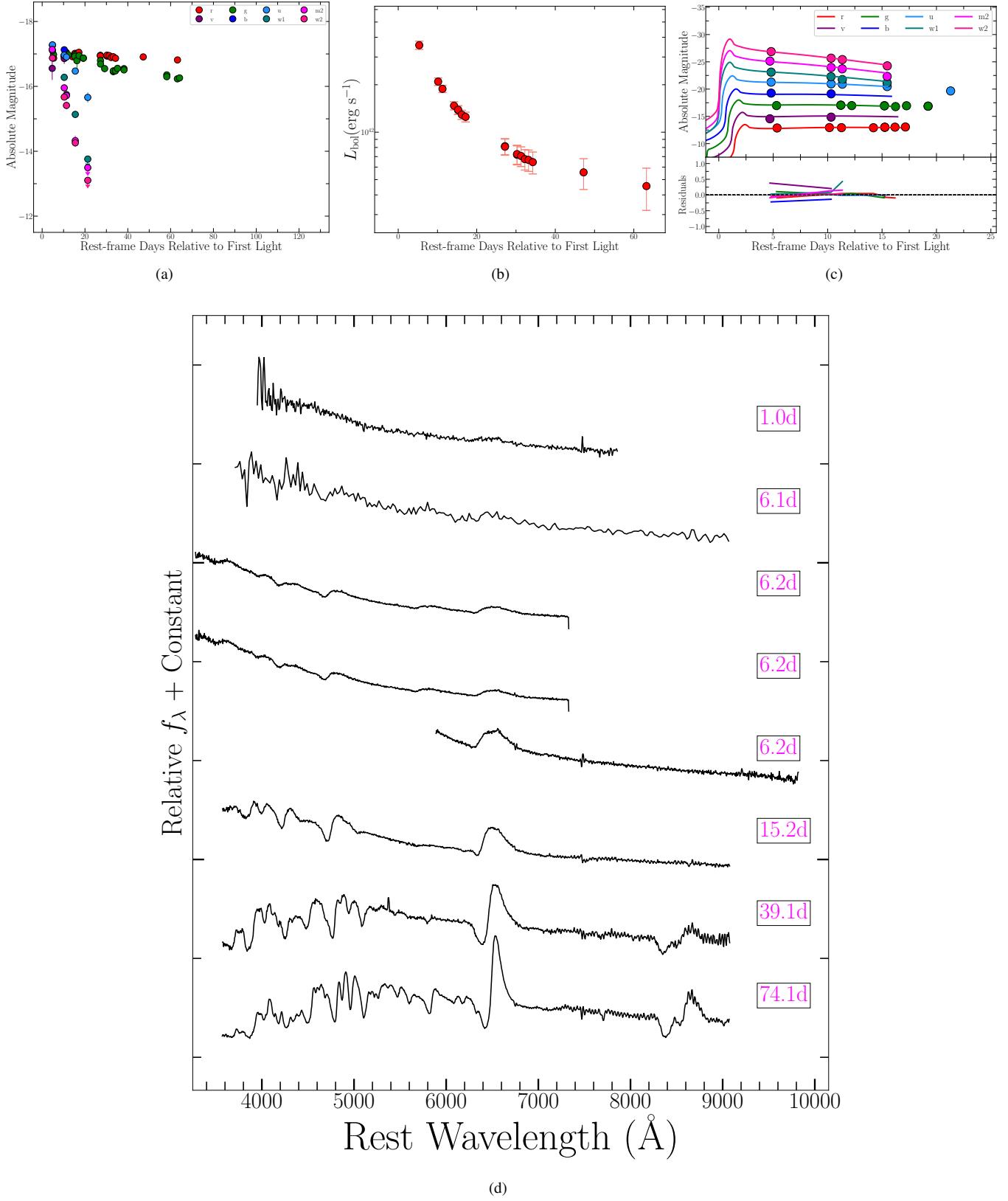
**Figure 53.** (a) SN 2017eaw (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series. Spectra and photometry are from Szalai et al. (2019).



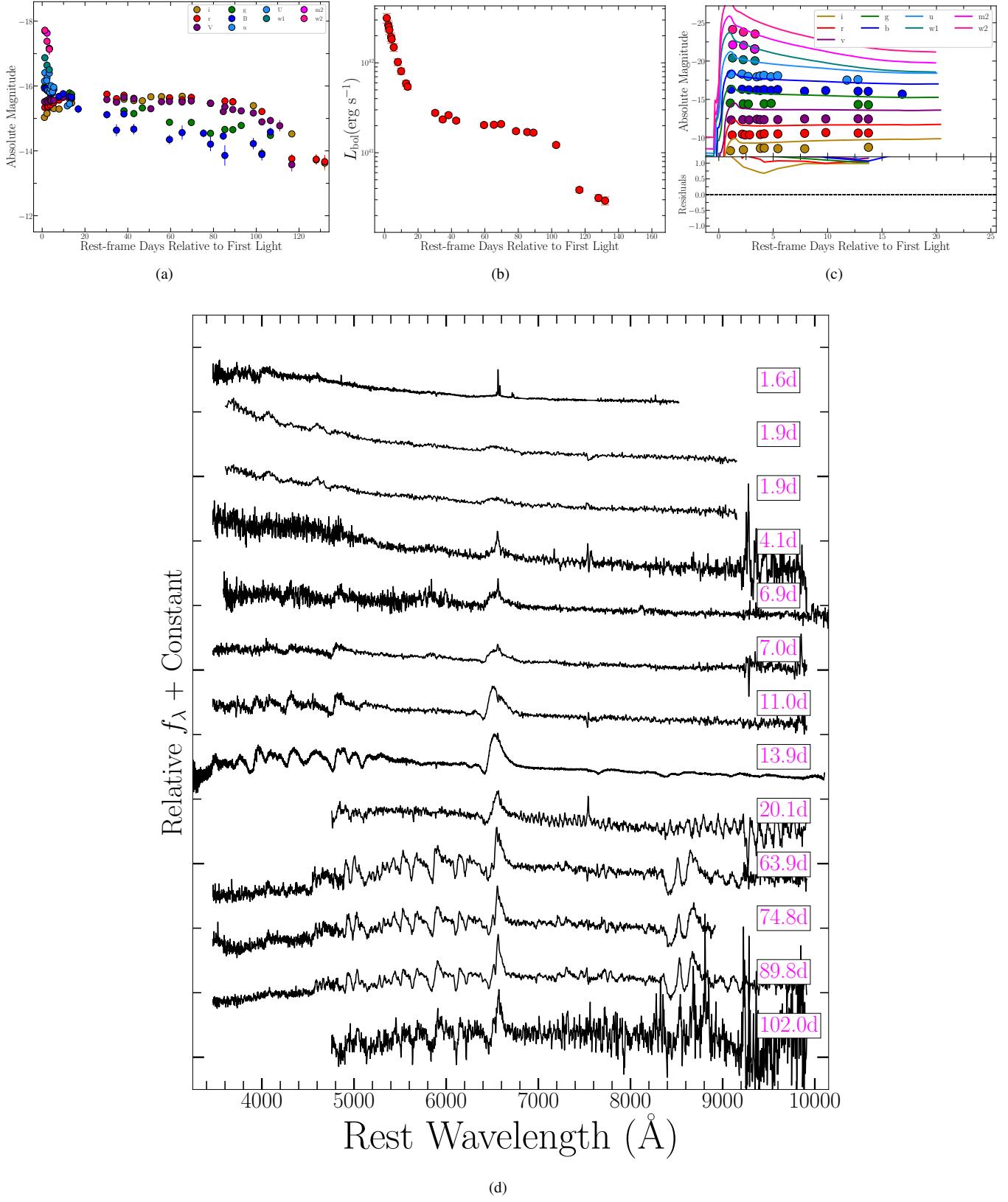
**Figure 54.** (a) SN 2017gmr (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series. Spectra and photometry are from Andrews et al. (2019).



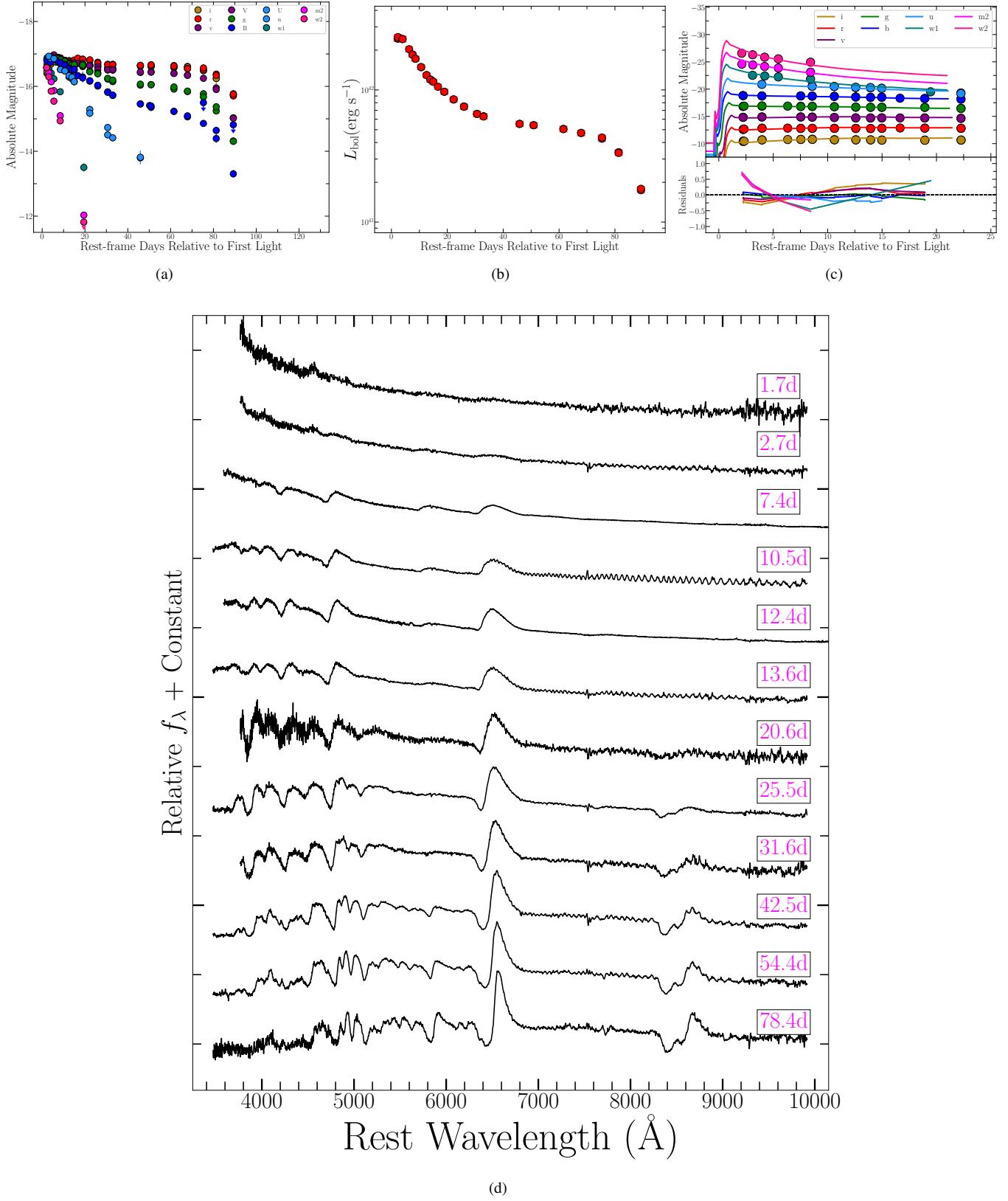
**Figure 55.** (a) SN 2018cuf (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series. Spectra and photometry are from Dong et al. (2021).



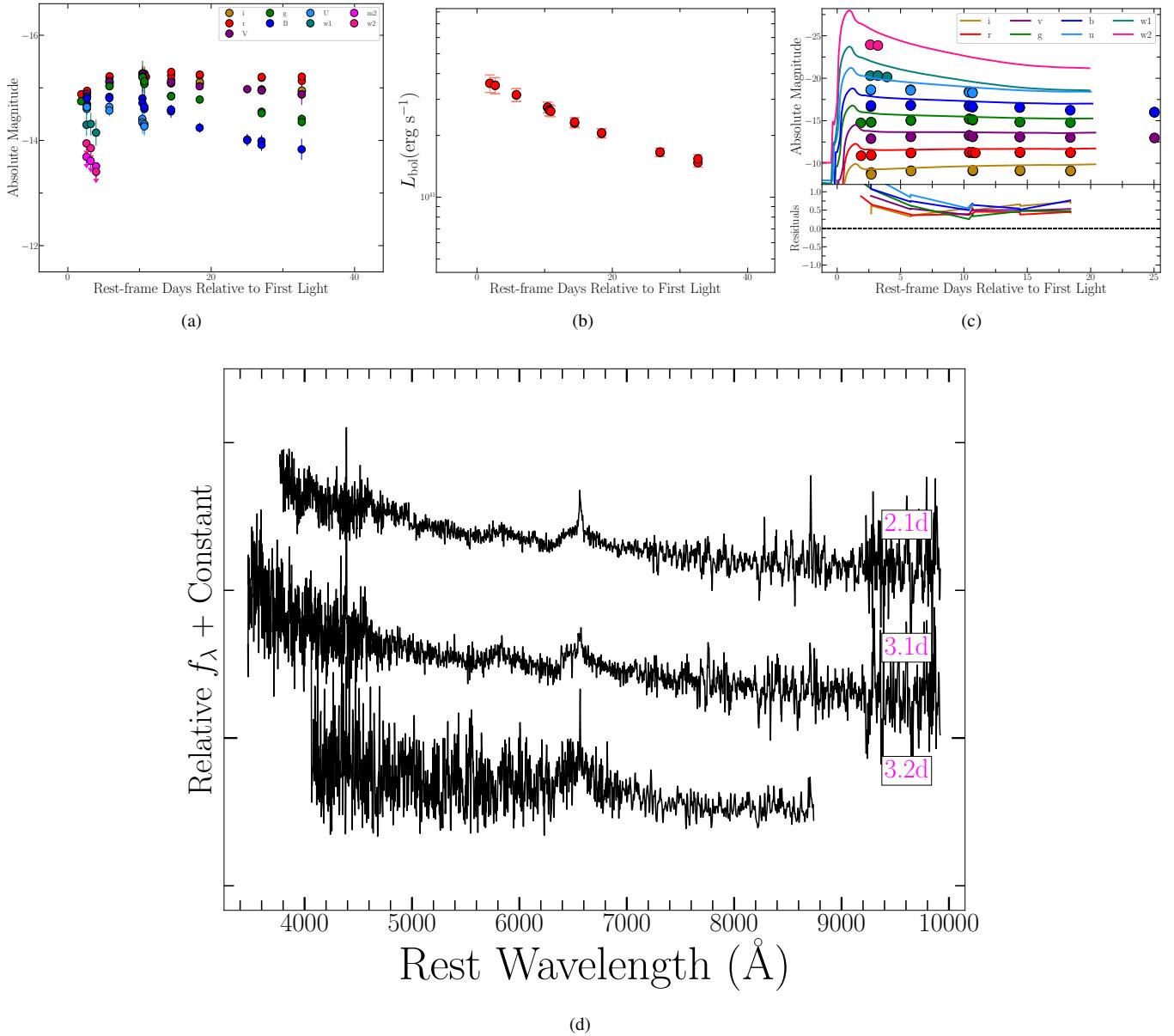
**Figure 56.** (a) SN 2018kpo (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from [Haynie & Piro \(2021\)](#), (d) spectral series.



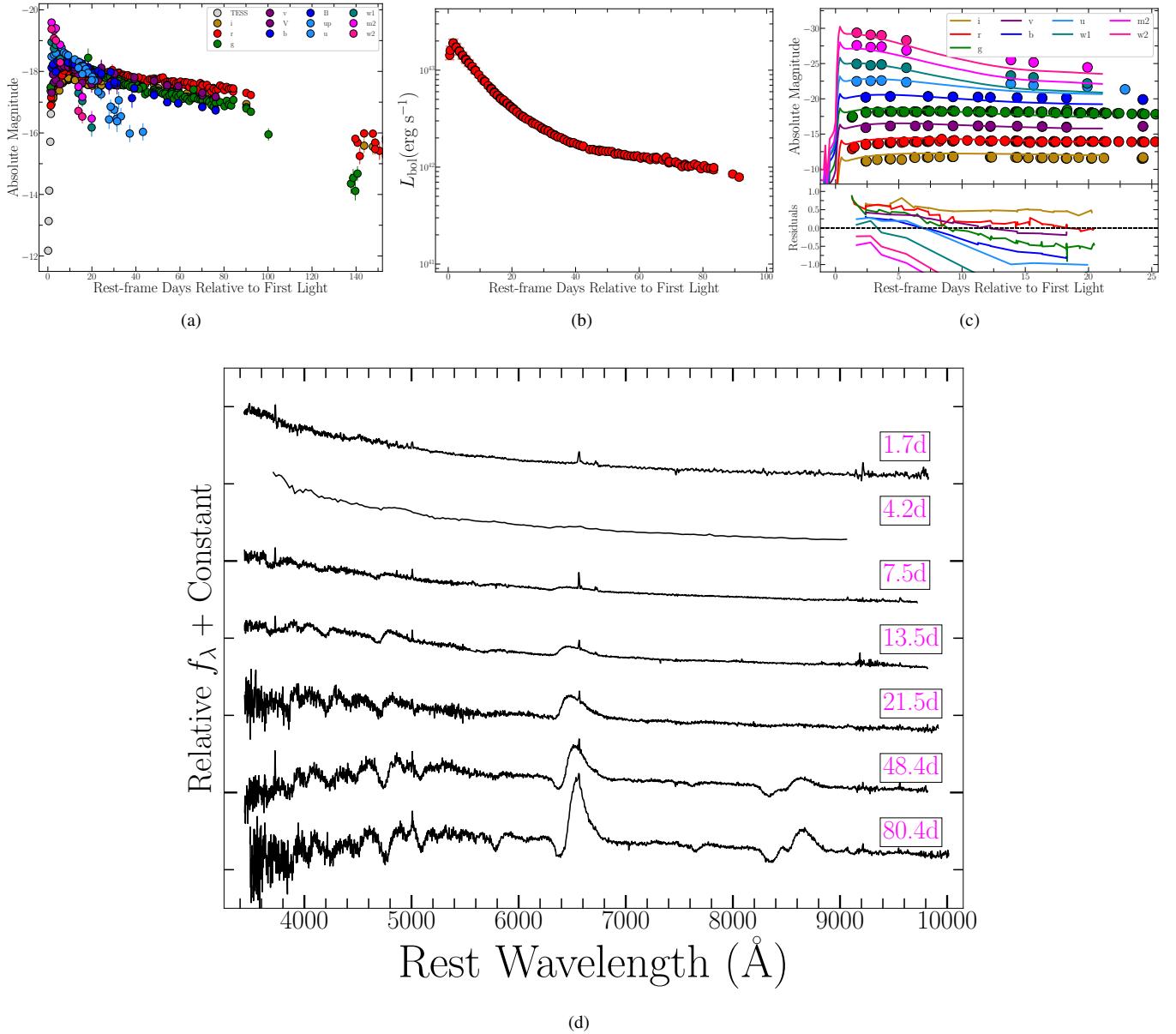
**Figure 57.** (a) SN 2018lab (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series. Spectra and photometry are from Pearson et al. (2023).



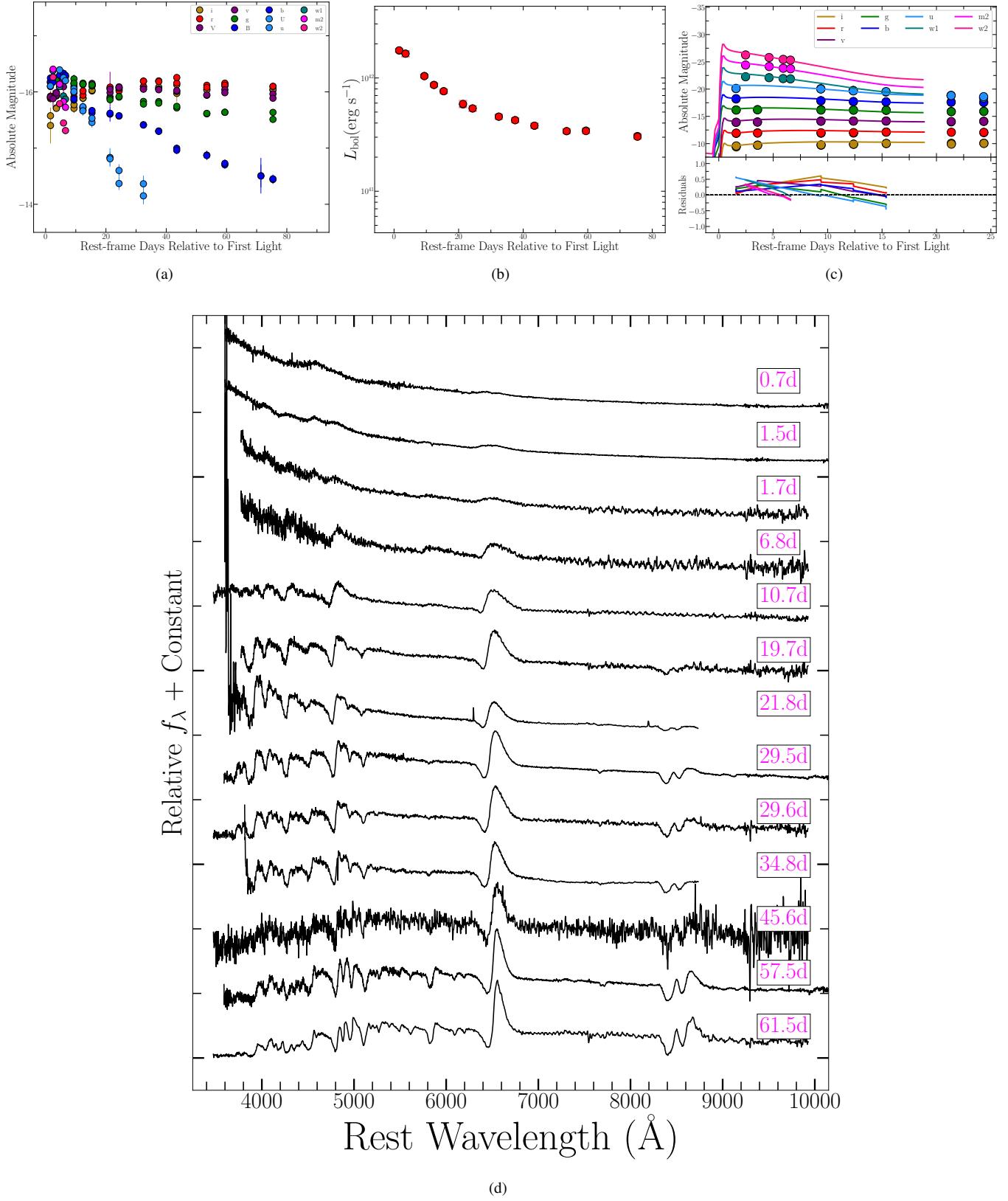
**Figure 58.** (a) SN 2019edo (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



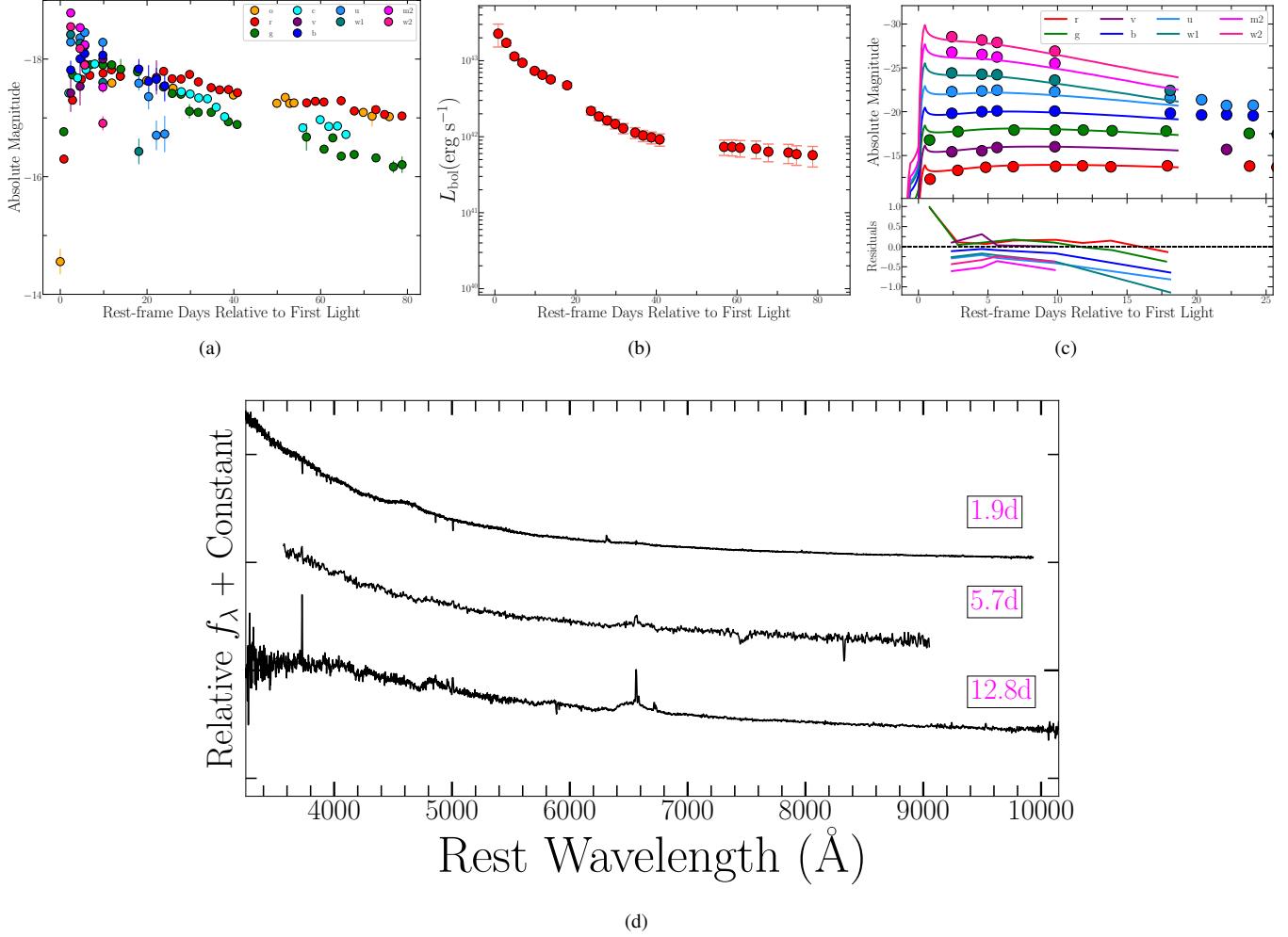
**Figure 59.** (a) SN 2019enr (comparison): (a) Multi-color light curves, (b) UVWXYZ bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



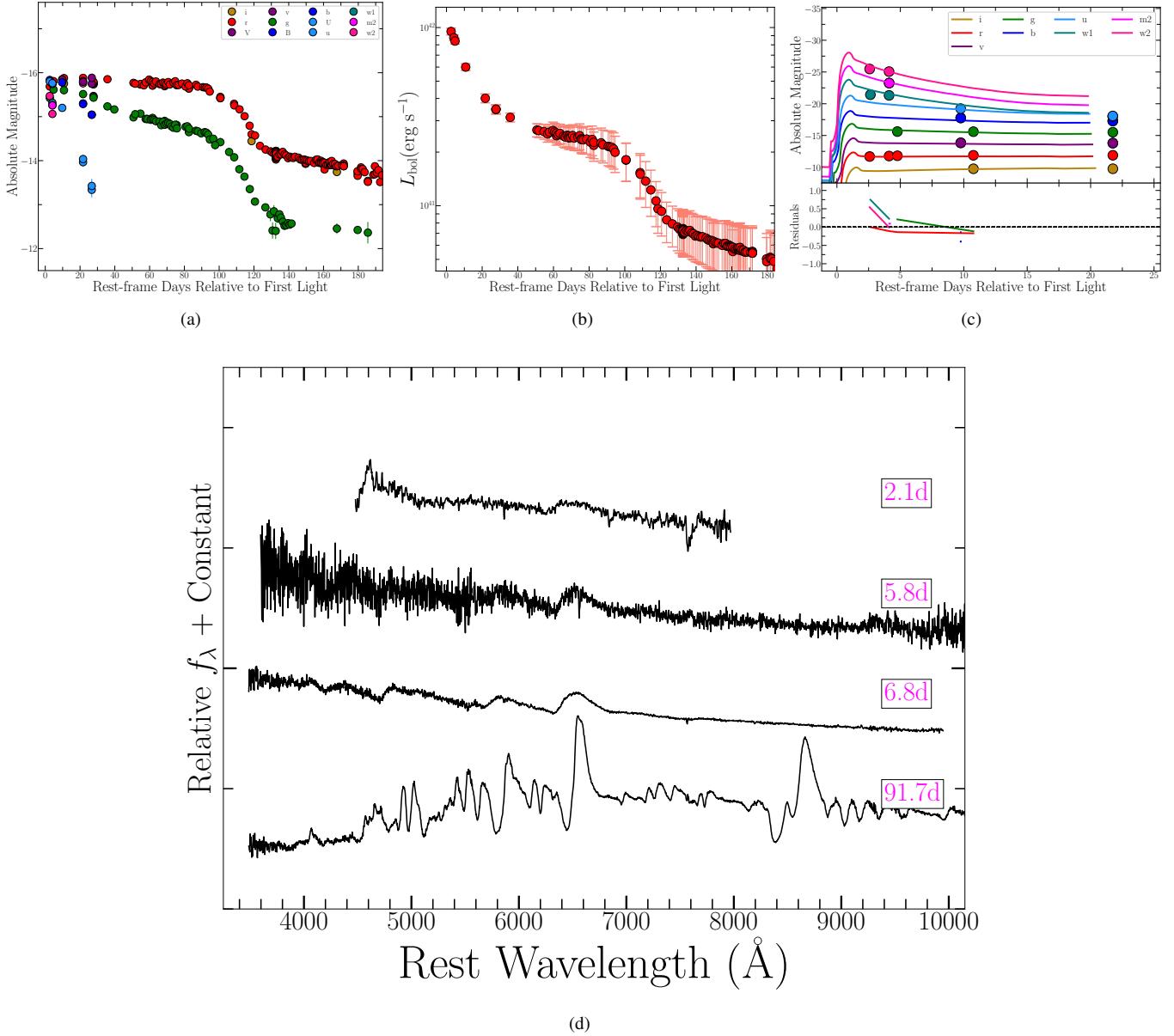
**Figure 60.** (a) SN 2019nvm (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



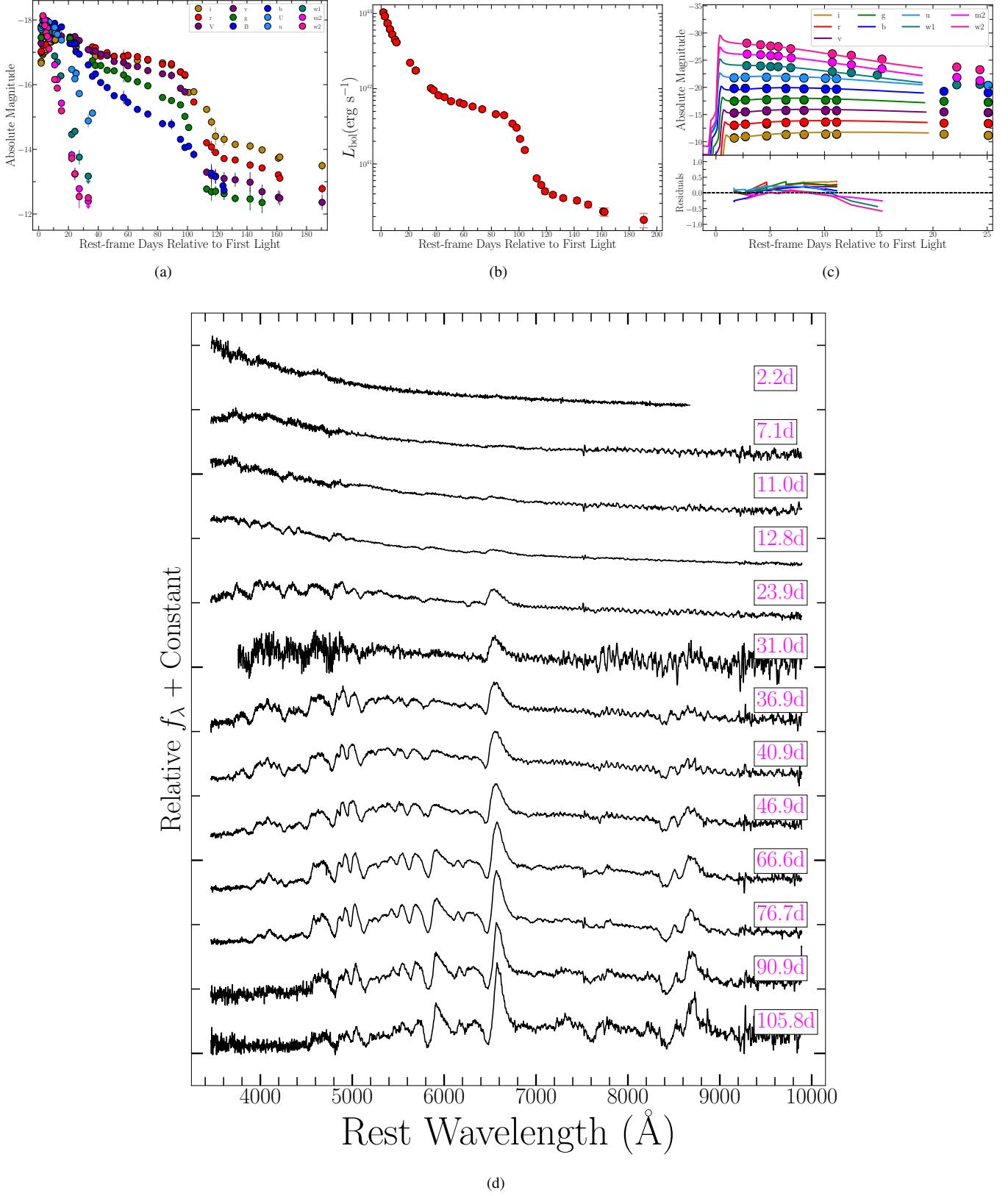
**Figure 61.** (a) SN 2019pjs (comparison): (a) Multi-color light curves, (b) UVWXYZ bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



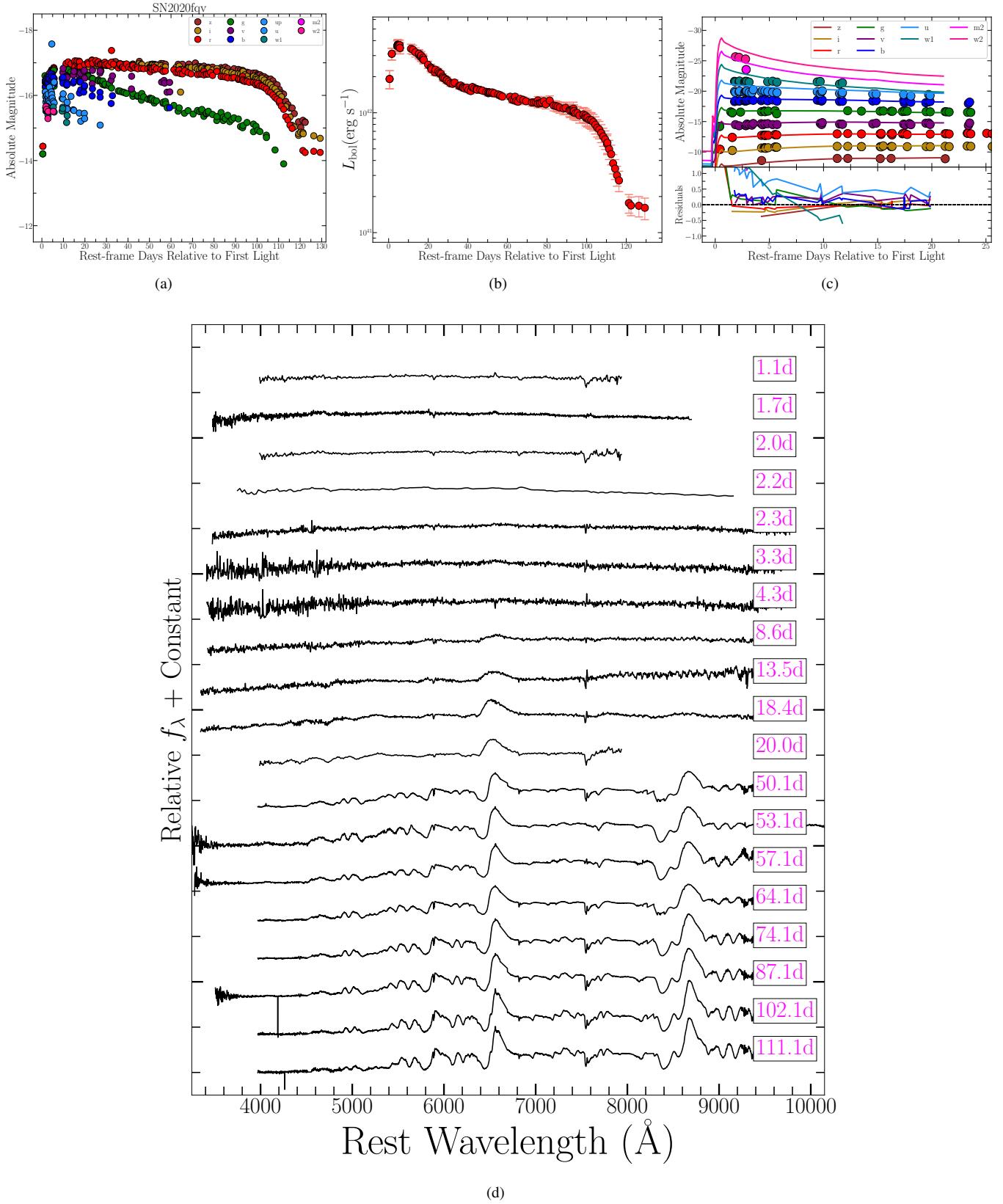
**Figure 62.** (a) SN 2020acbm (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from [Haynie & Piro \(2021\)](#), (d) spectral series.



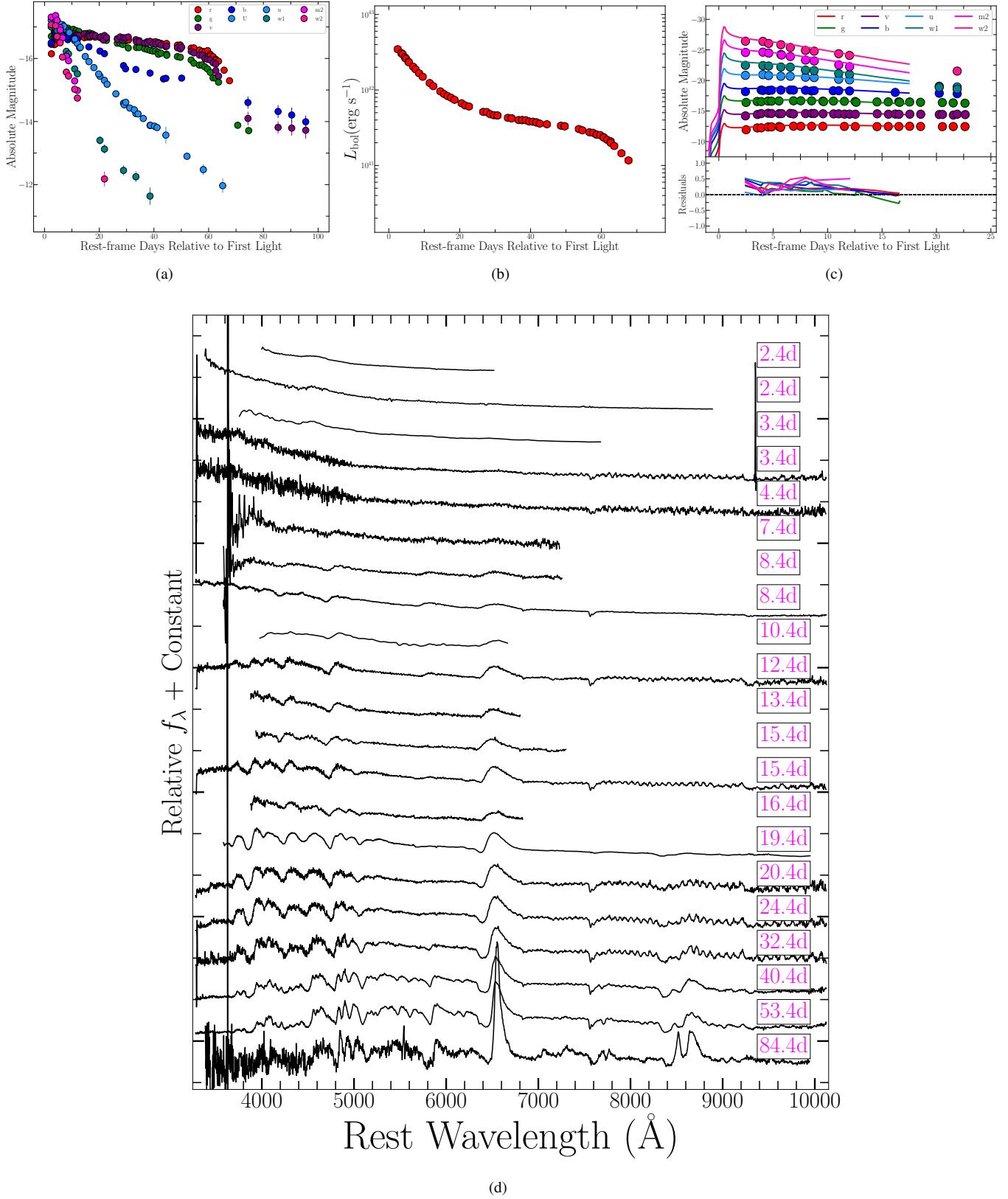
**Figure 63.** (a) SN 2020dpw (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



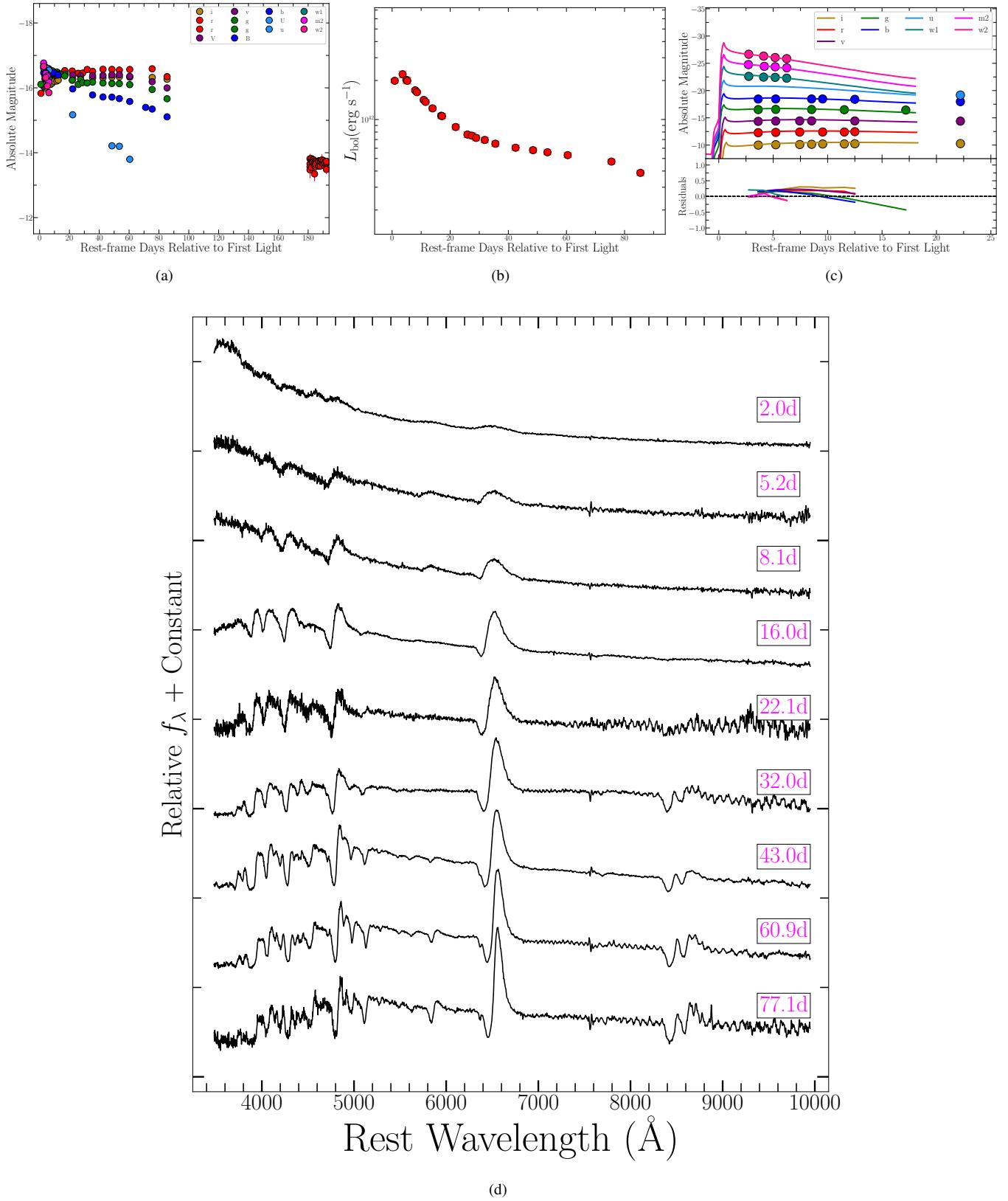
**Figure 64.** (a) SN 2020ekk (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from [Haynie & Piro \(2021\)](#), (d) spectral series.



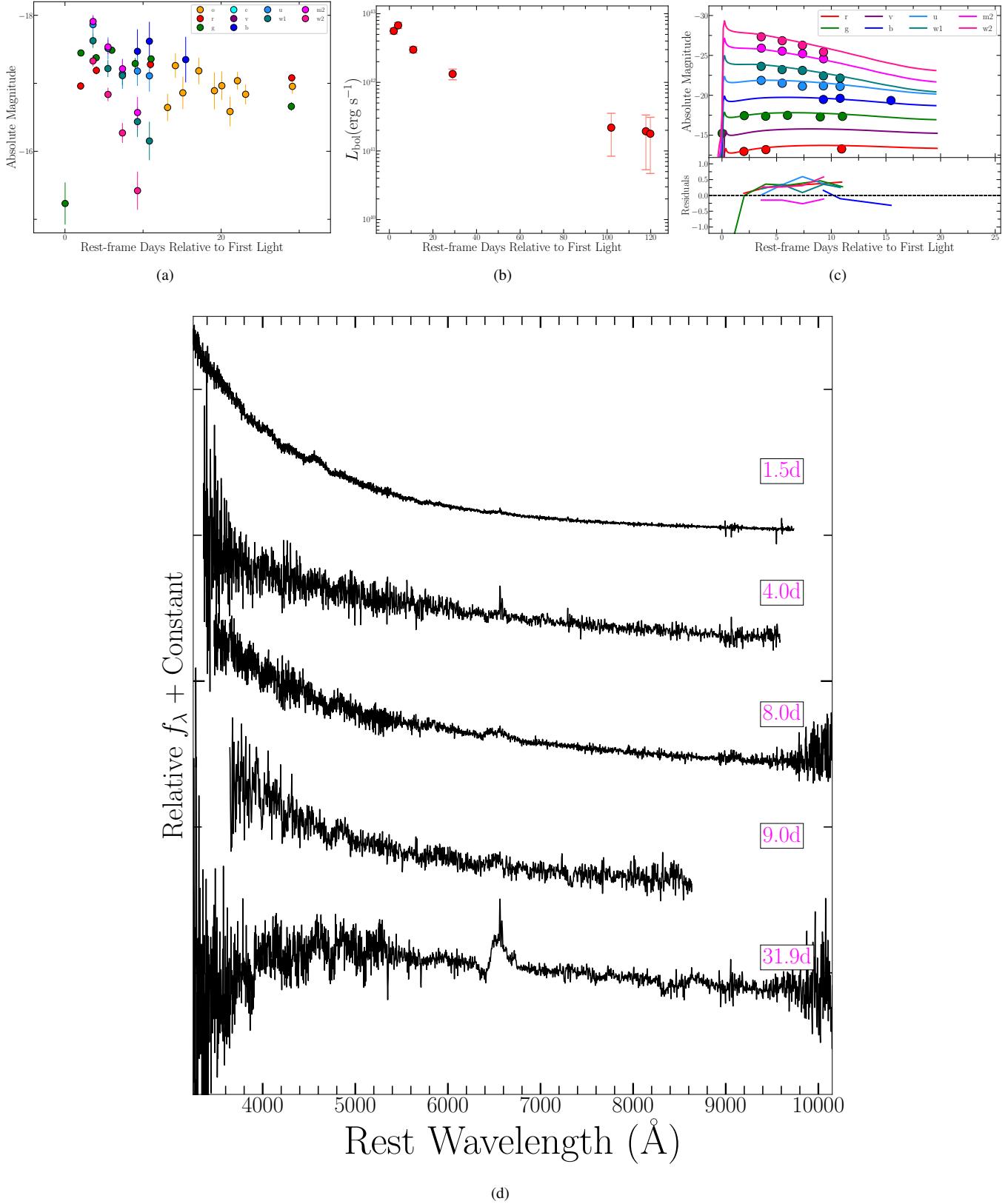
**Figure 65.** (a) SN 2020fqv (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series. Spectra and photometry are from Tinyanont et al. (2022).



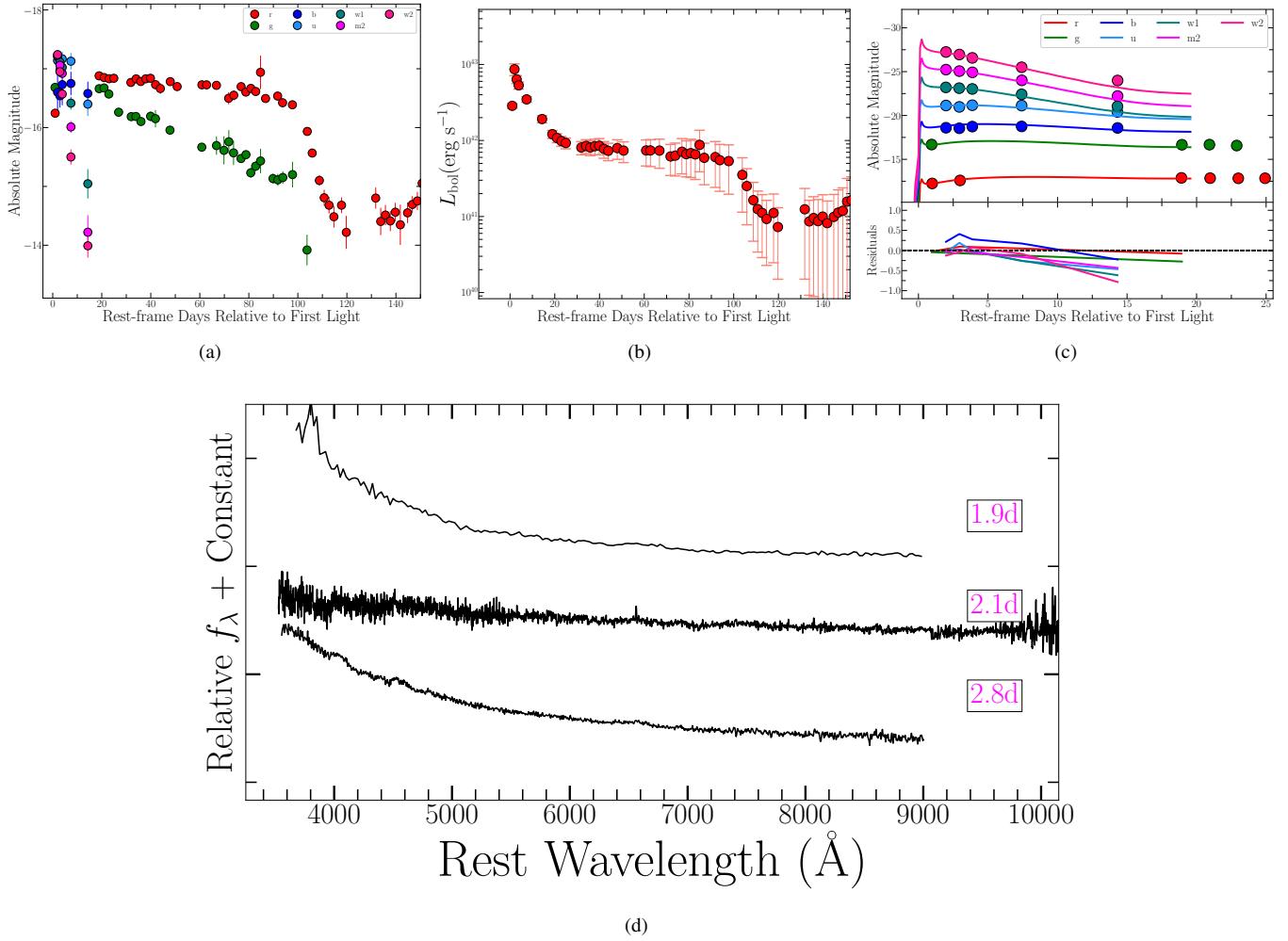
**Figure 66.** (a) SN 2020jfo (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series. Spectra and photometry are from Kilpatrick et al. (2023).



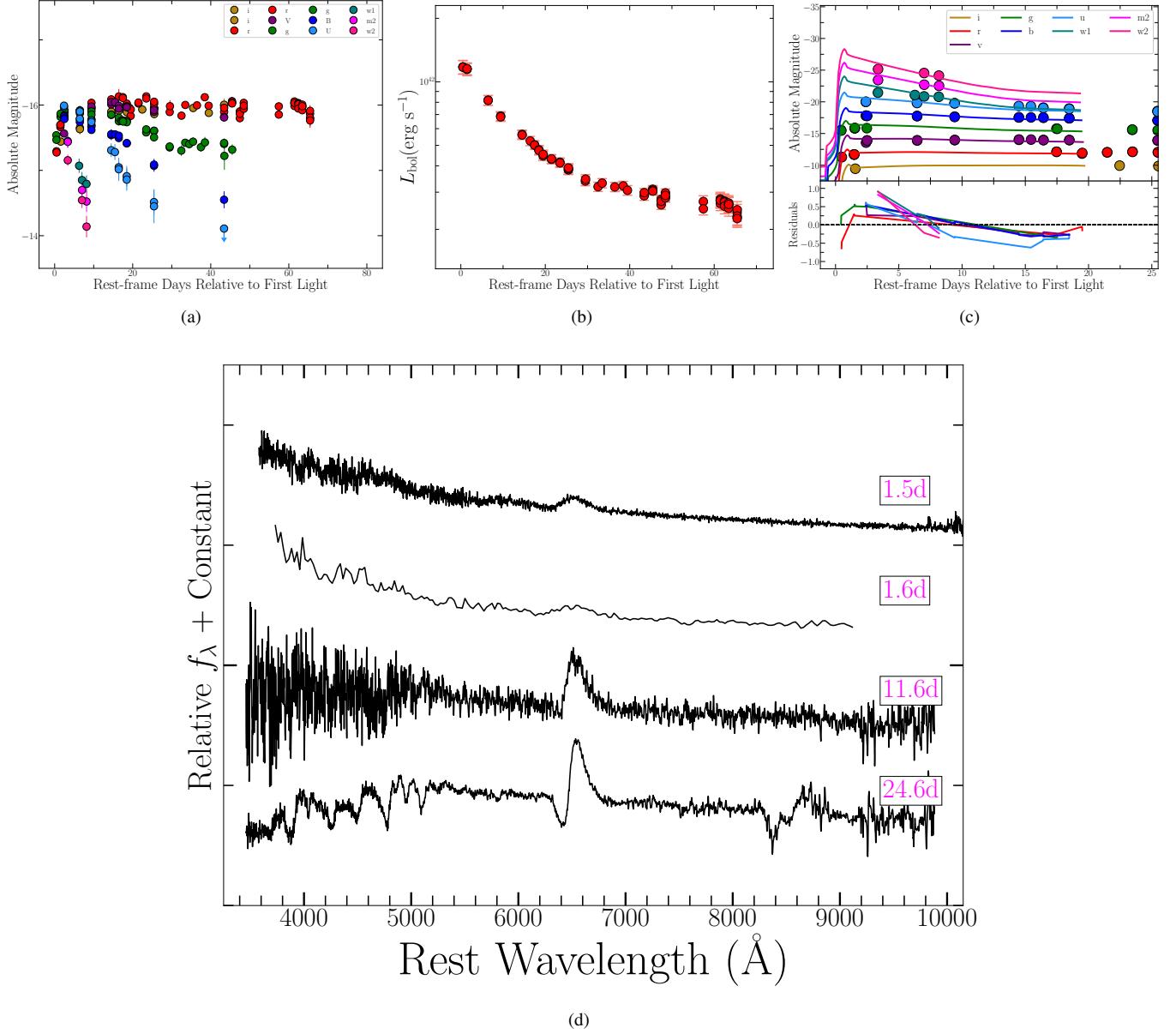
**Figure 67.** (a) SN 2020mjm (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from [Haynie & Piro \(2021\)](#), (d) spectral series.



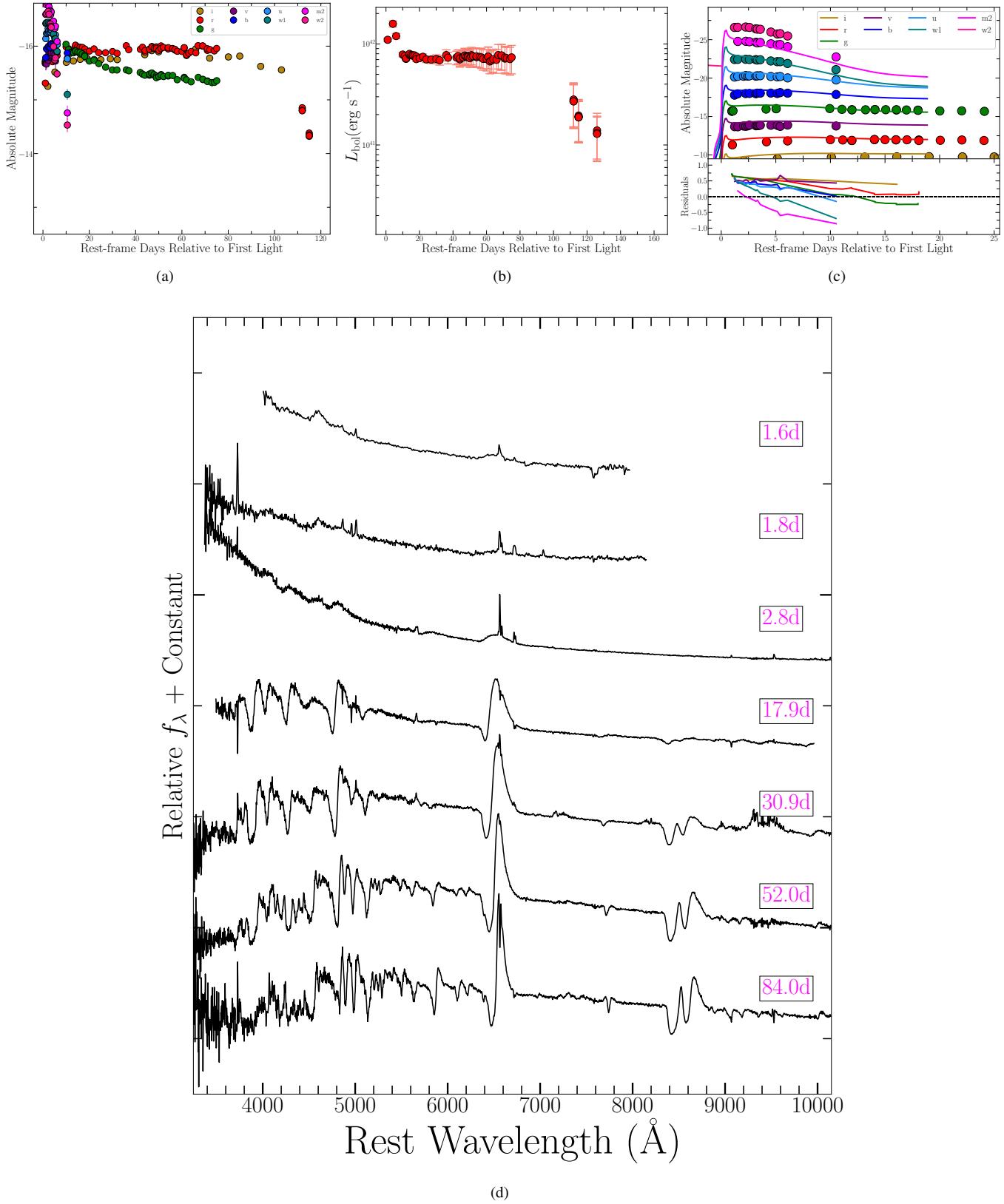
**Figure 68.** (a) SN 2021adly (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



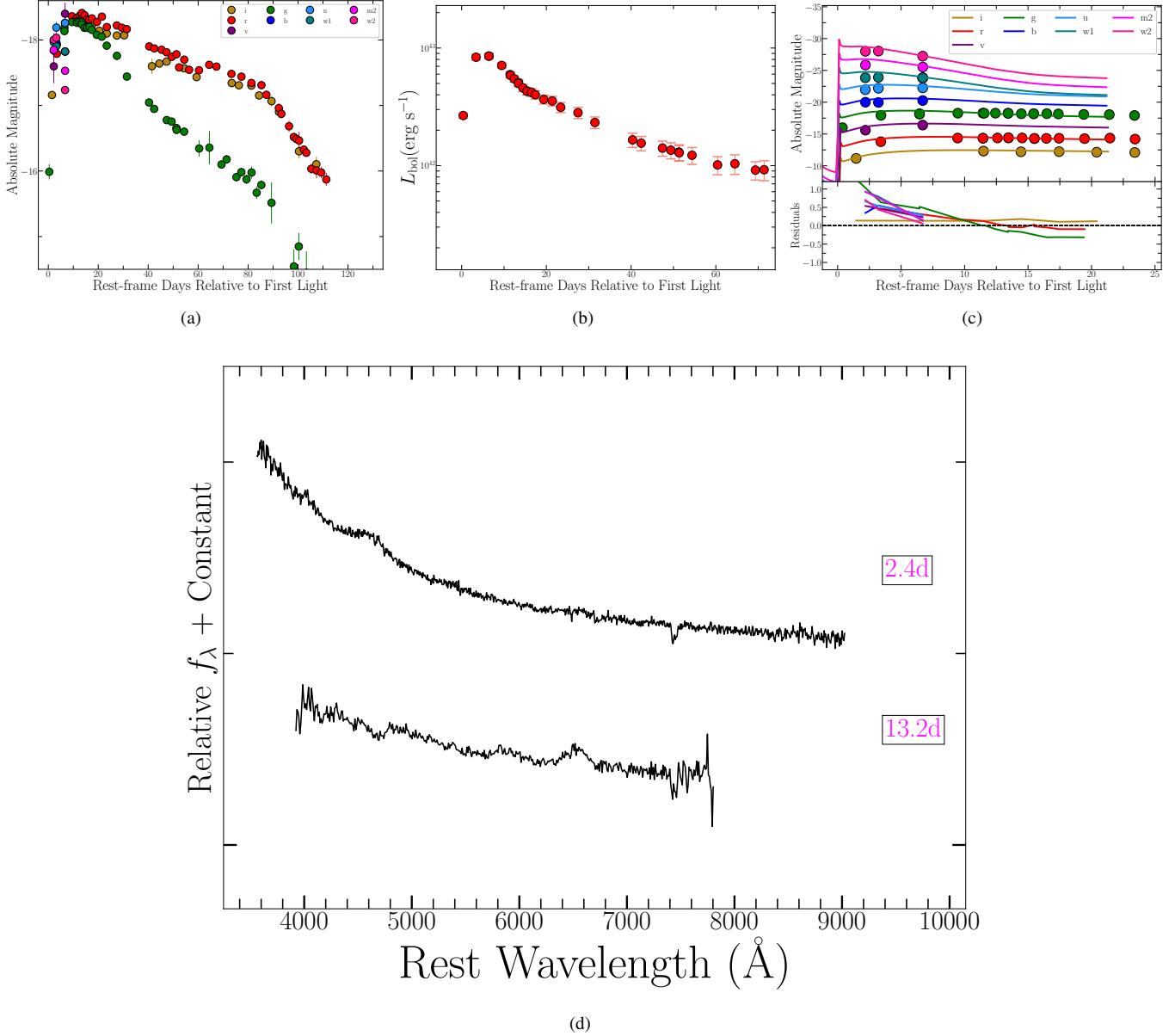
**Figure 69.** (a) SN 2021apg (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from [Haynie & Piro \(2021\)](#), (d) spectral series.



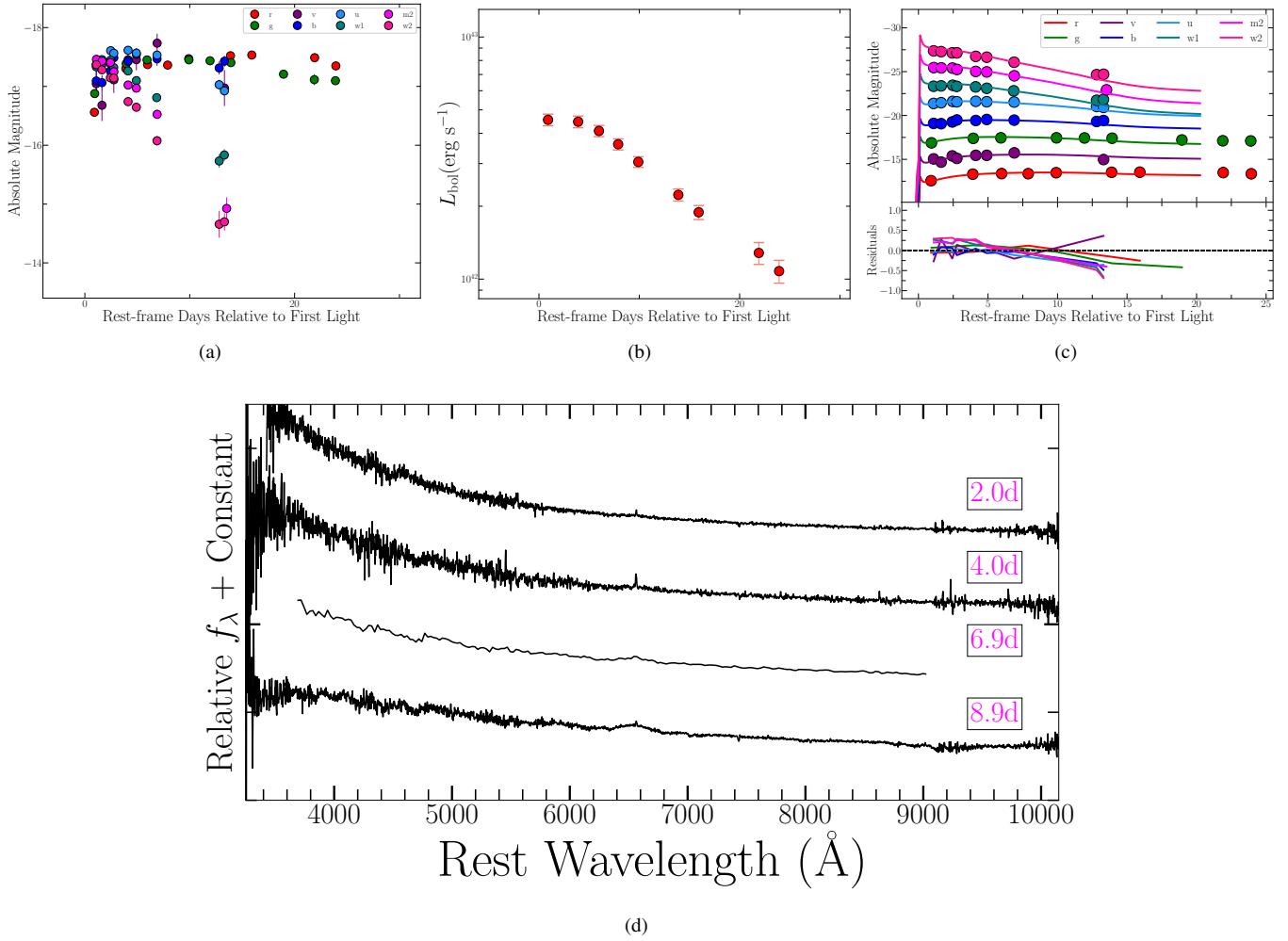
**Figure 70.** (a) SN 2021ass (comparison): (a) Multi-color light curves, (b) UVWXYZ bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



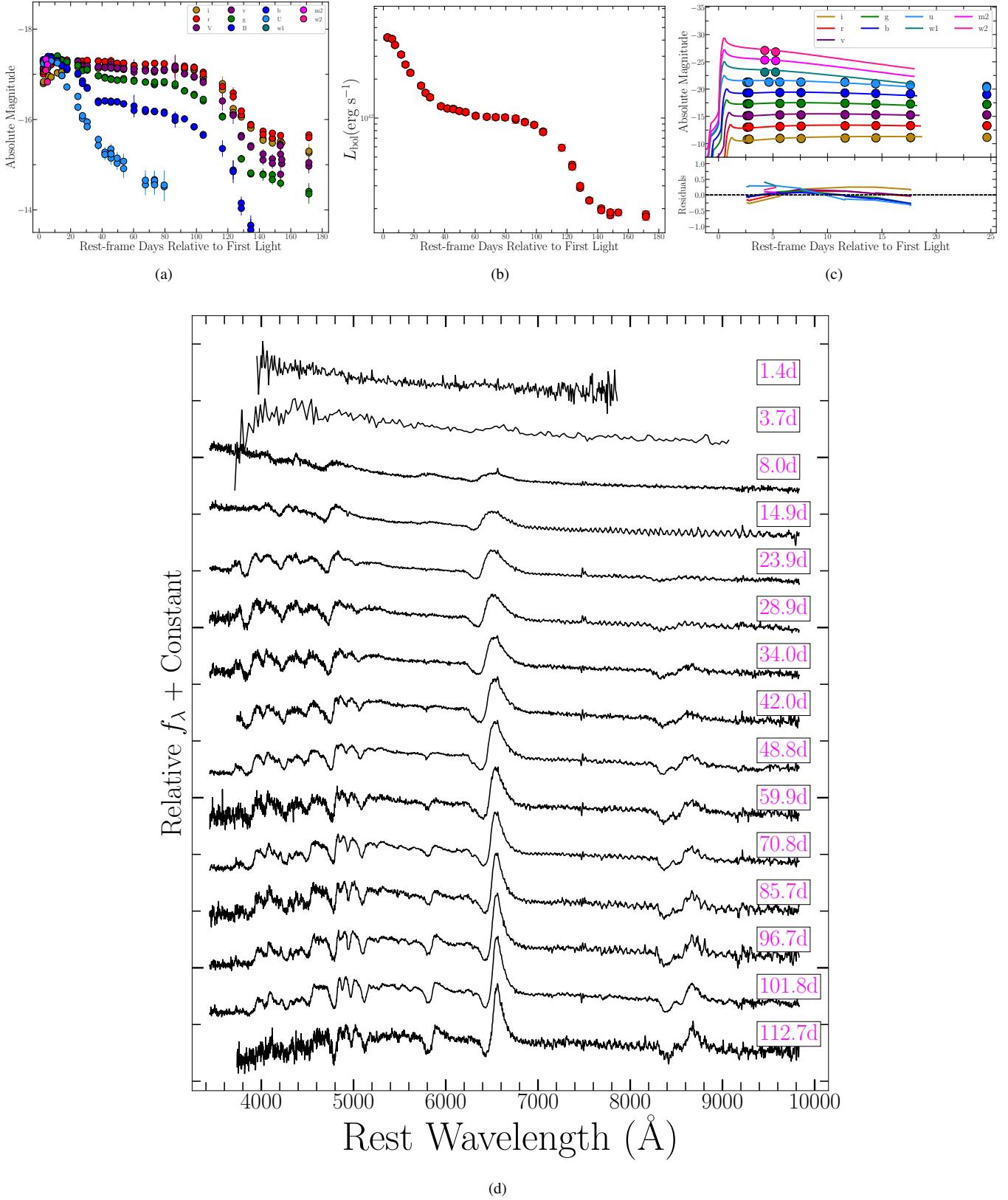
**Figure 71.** (a) SN 2021gmj (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



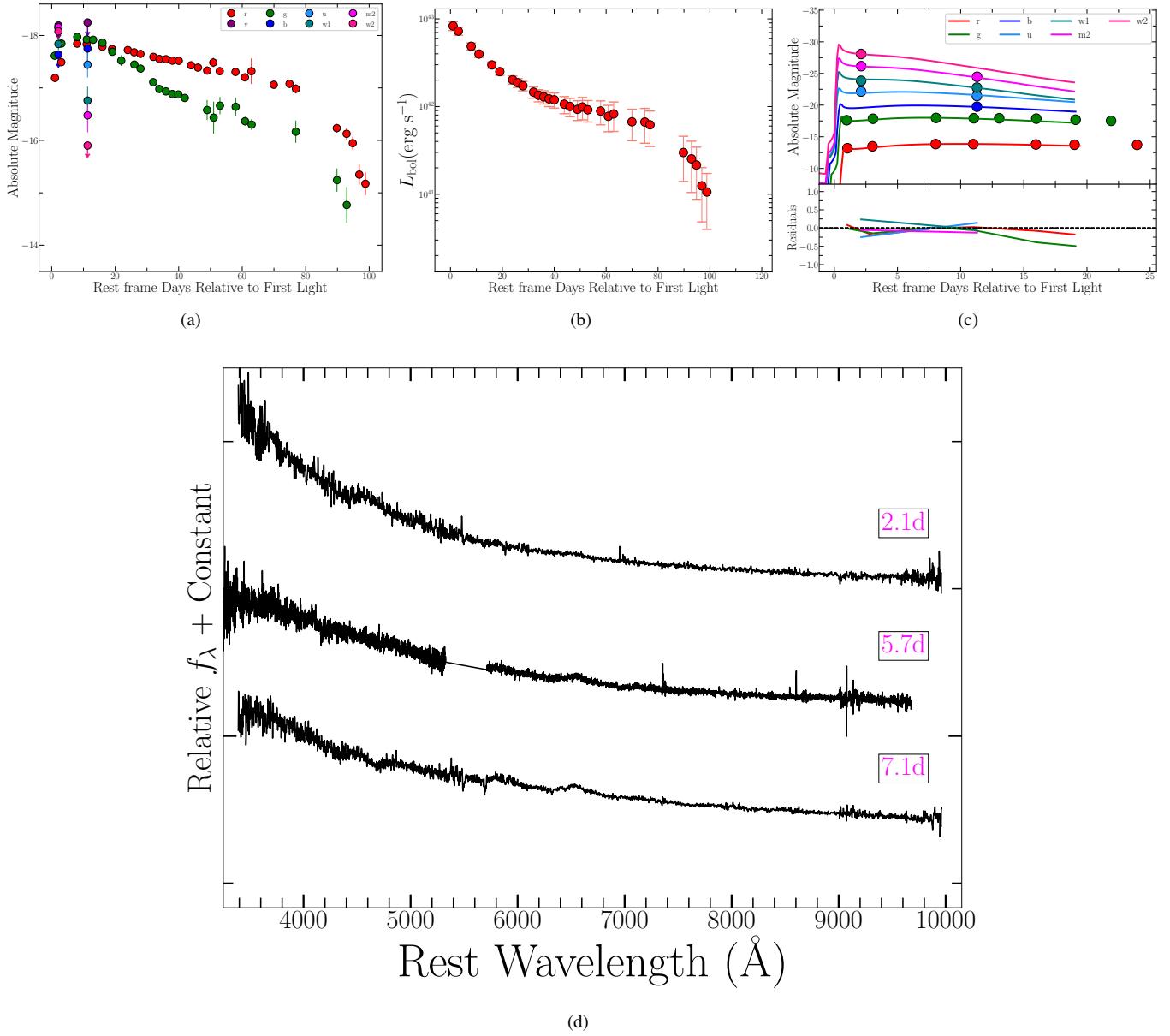
**Figure 72.** (a) SN 2021gvm (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



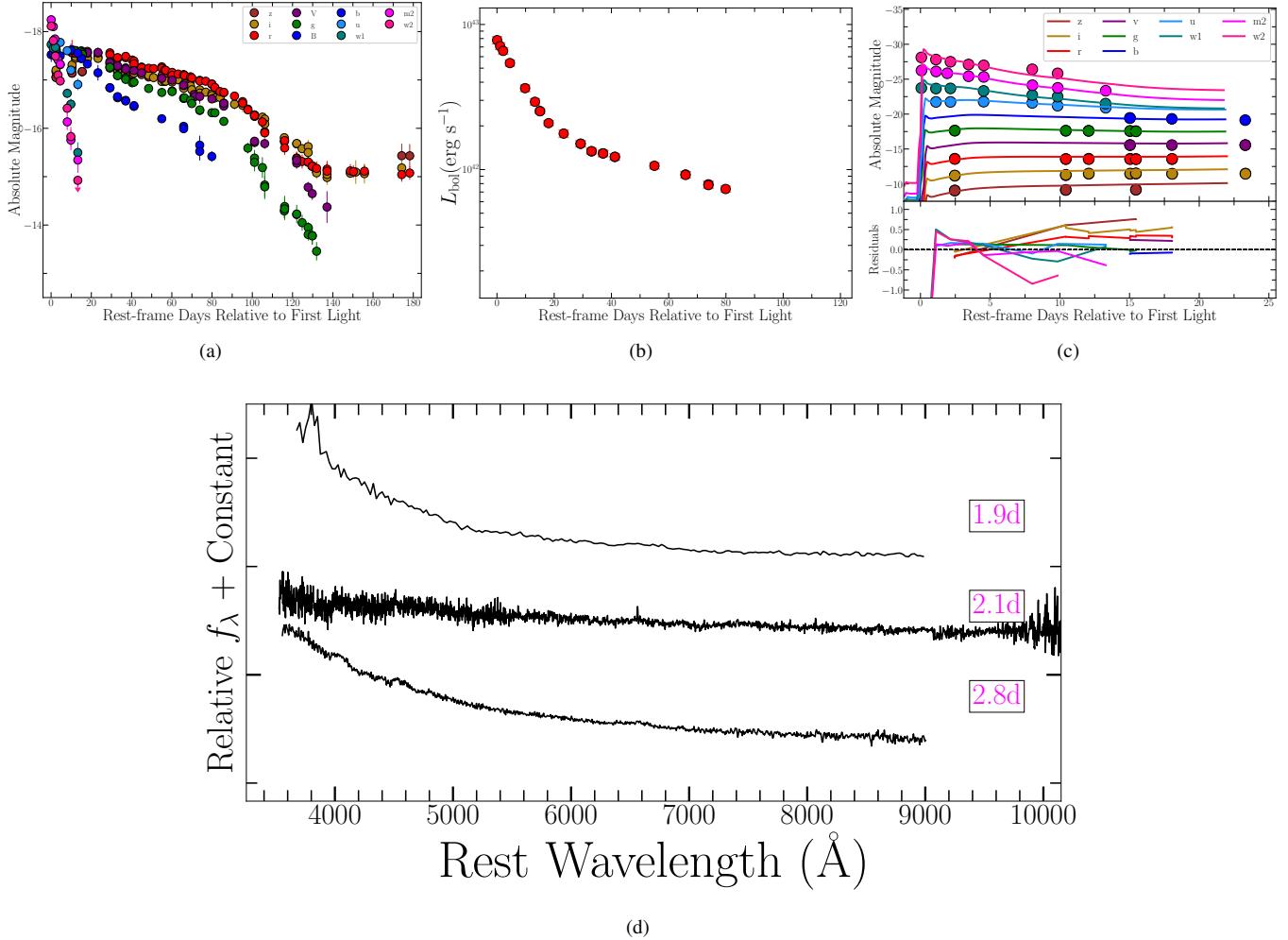
**Figure 73.** (a) SN 2021rhk (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from [Haynie & Piro \(2021\)](#), (d) spectral series.



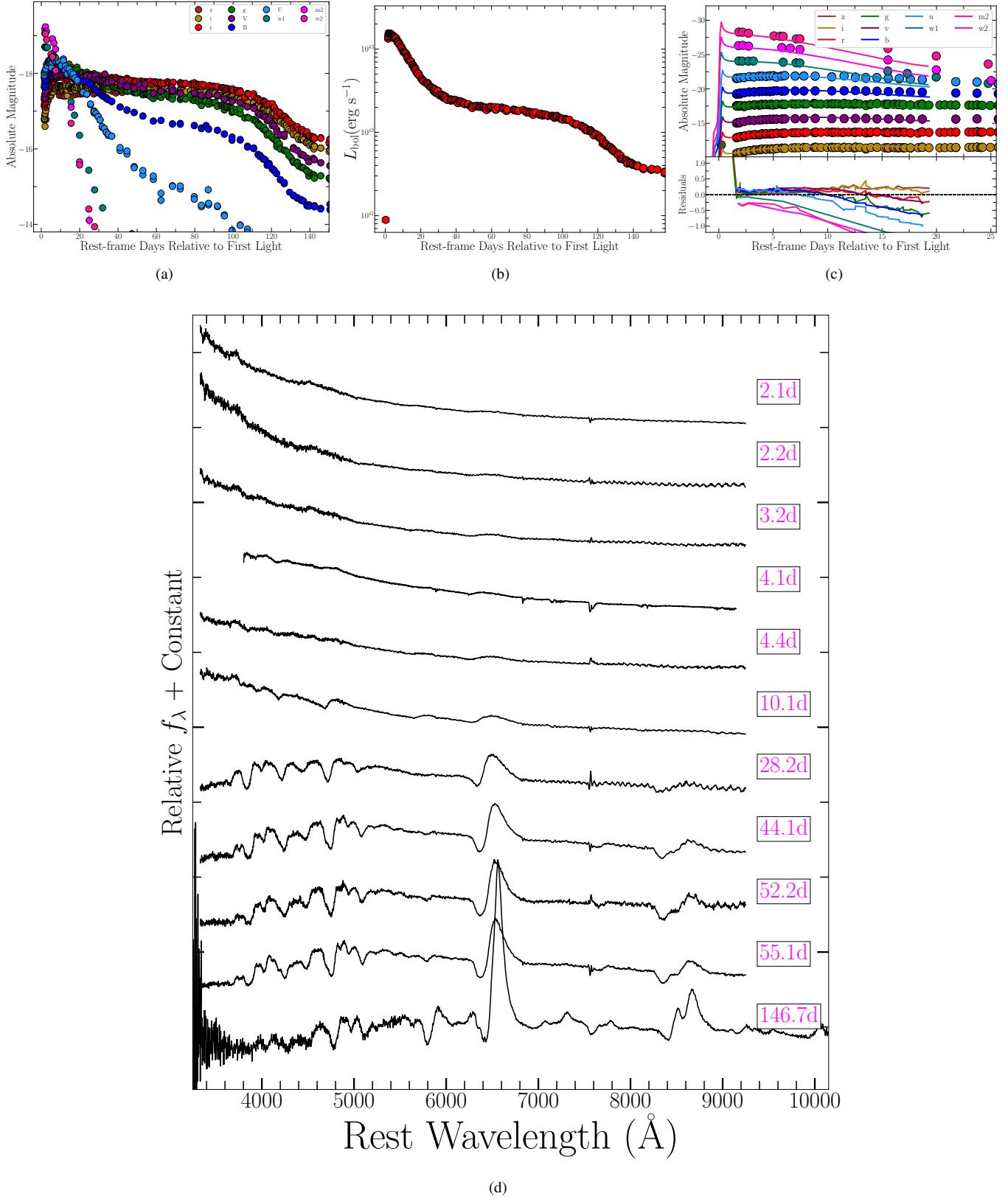
**Figure 74.** (a) SN 2021ucg (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



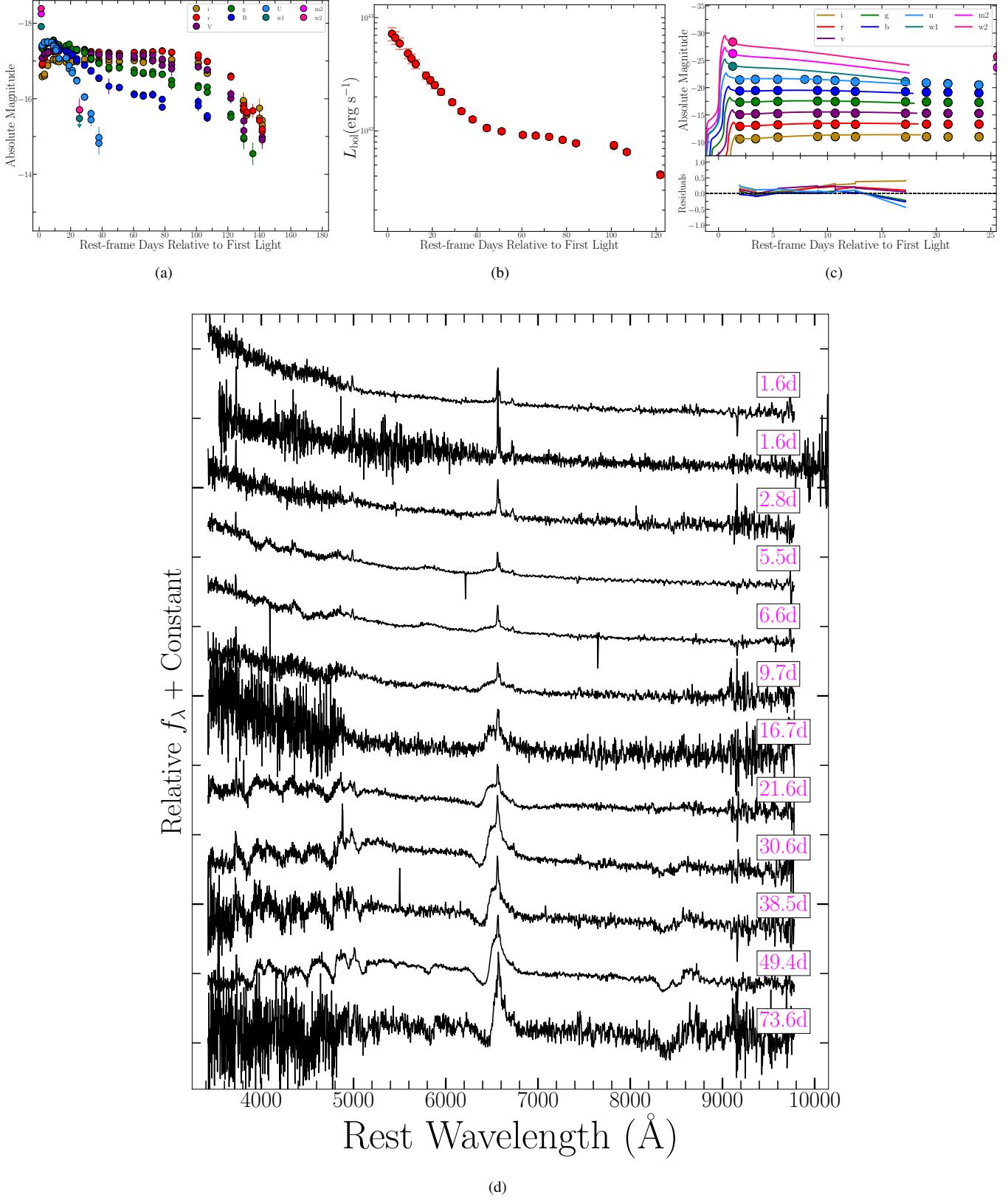
**Figure 75.** (a) SN 2021uoy (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



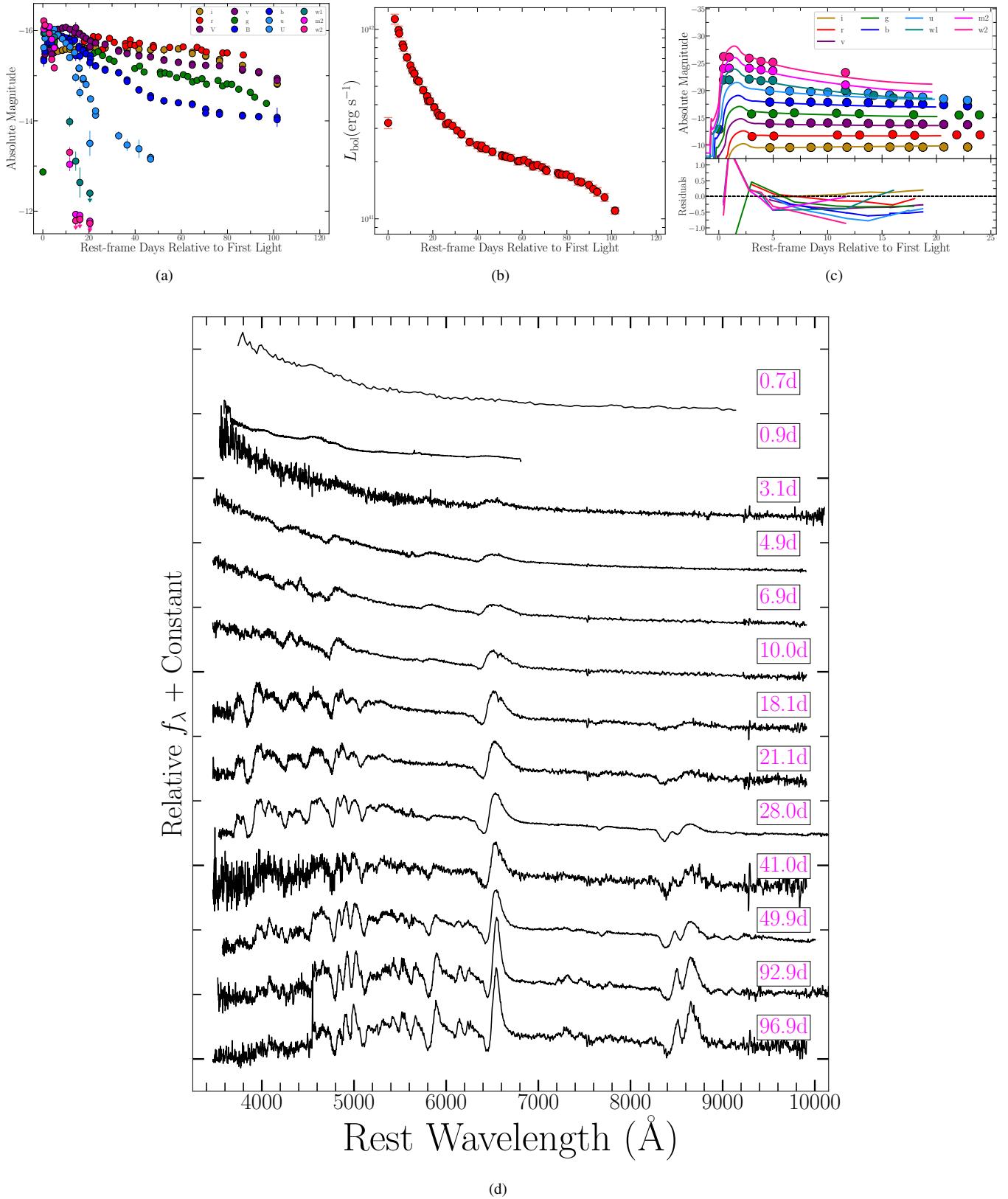
**Figure 76.** (a) SN 2021vaz (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



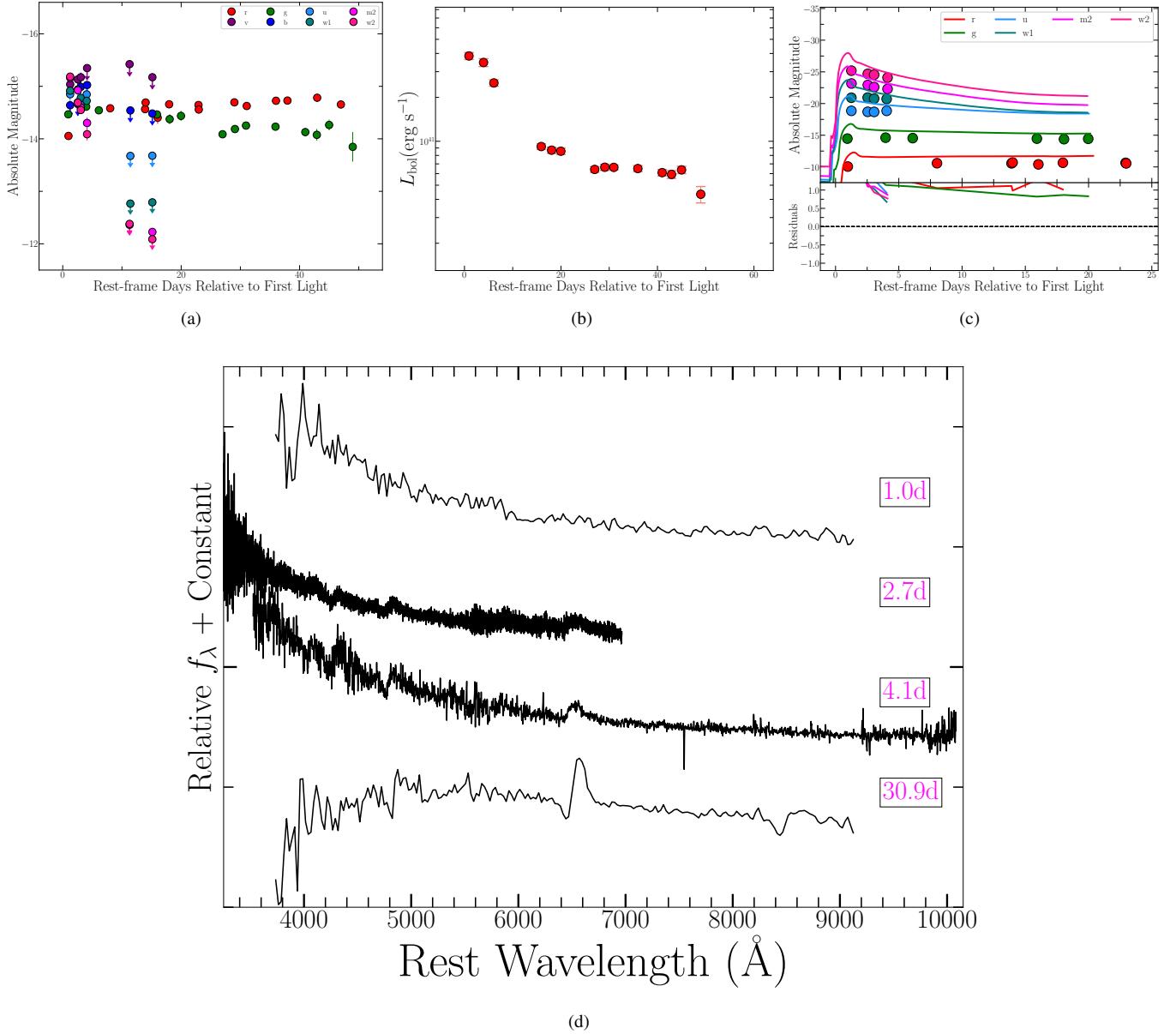
**Figure 77.** (a) SN 2021yja (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series. Spectra and photometry are from Hosseinzadeh et al. (2022).



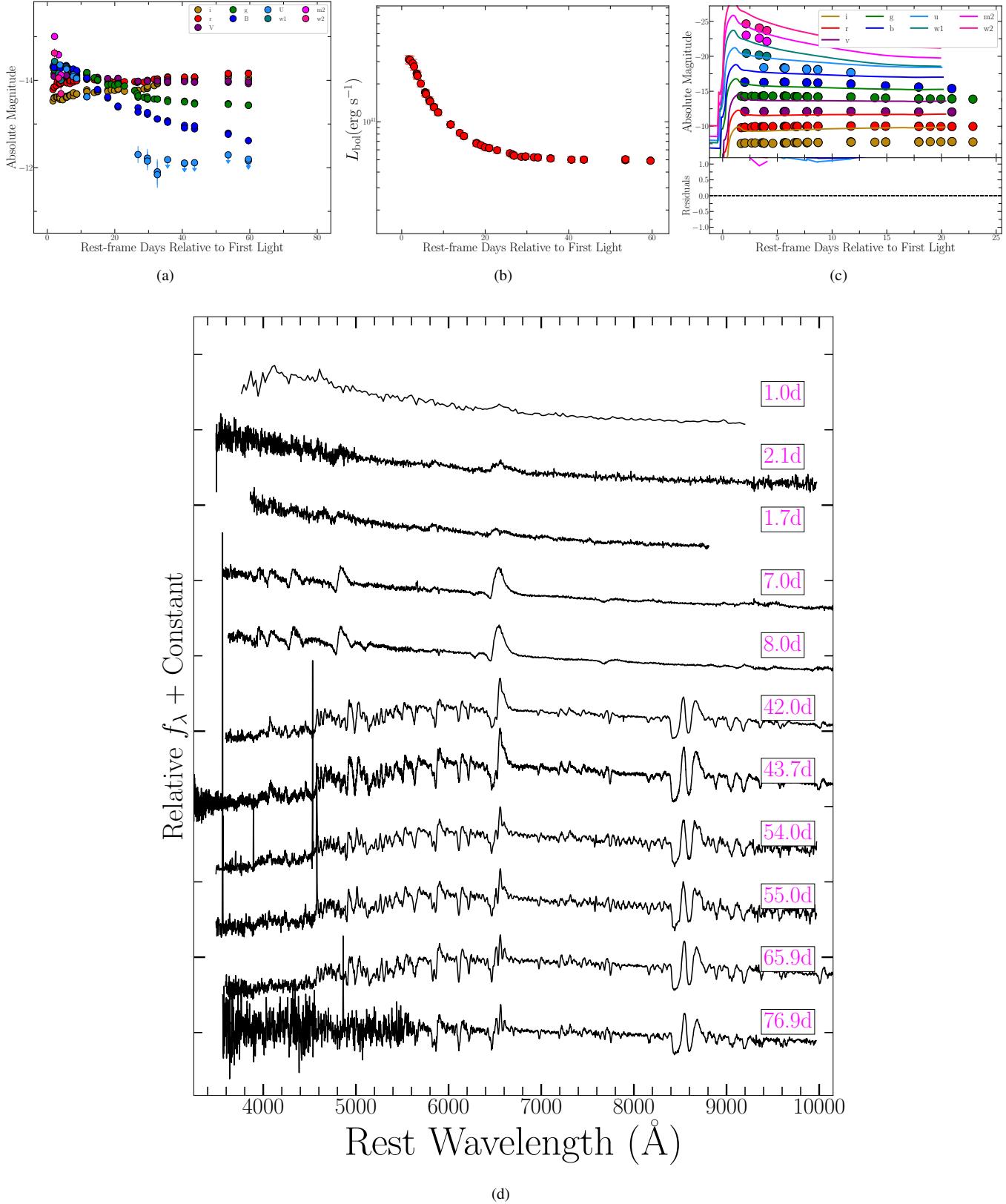
**Figure 78.** (a) SN 2022frq (comparison): (a) Multi-color light curves, (b) UVWXYZ bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



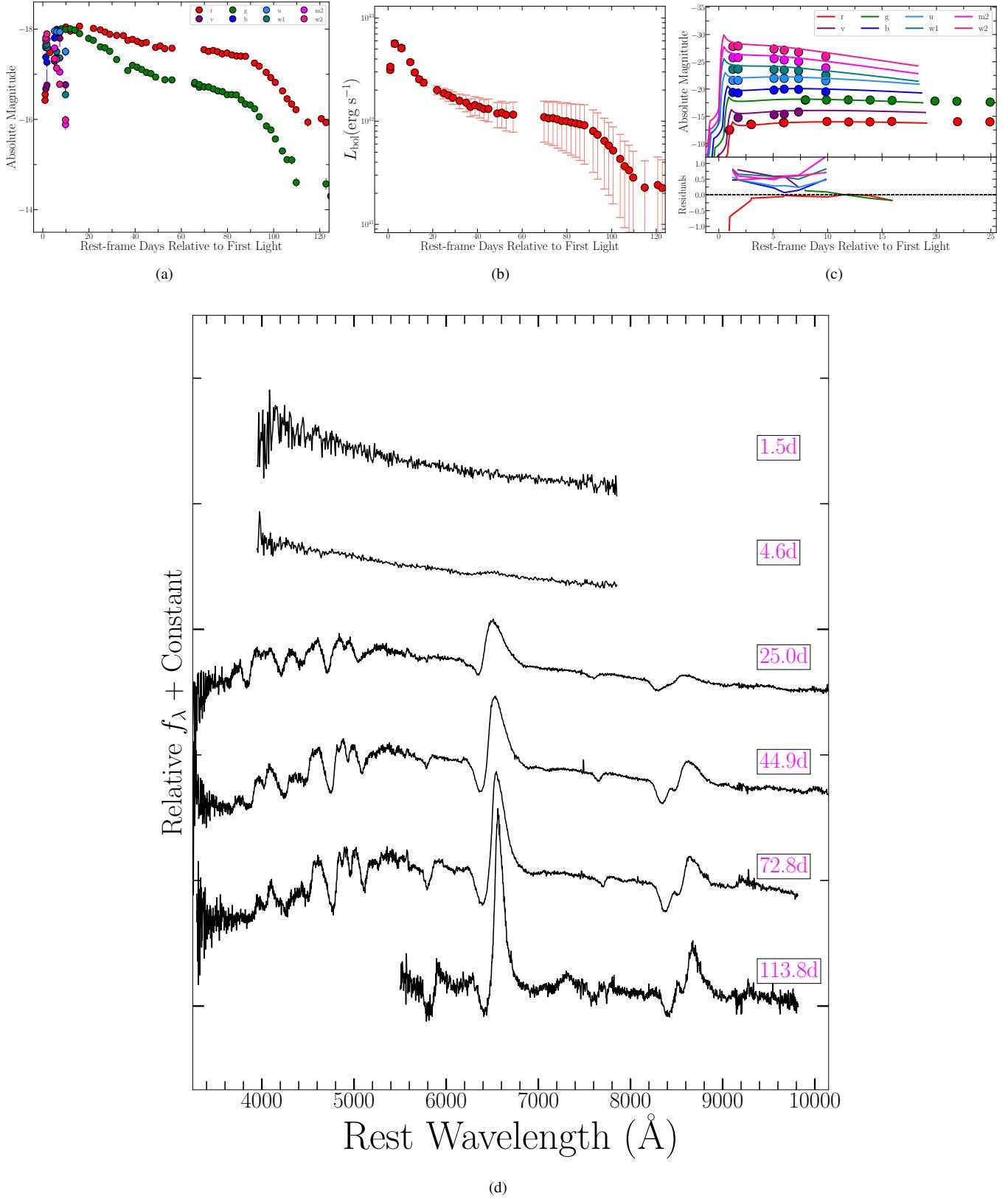
**Figure 79.** (a) SN 2022fuc (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



**Figure 80.** (a) SN 2022inn (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



**Figure 81.** (a) SN 2022jzc (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.



**Figure 82.** (a) SN 2022ovb (comparison): (a) Multi-color light curves, (b) UVOIR bolometric light curve, (c) best fit multi-color light curve model from Haynie & Piro (2021), (d) spectral series.