



Figure 10: More samples about the constructed load signatures generated by MDF and WMDF on PLAID 2014 dataset. The graphs in each row represent the R, G, B channels (we use `.imshow()` and `.savefig()` to render and save) and the final load signature of the same electrical appliance. (a) R channel; (b) G channel; (c) B channel; (d) Final 3-channel load signature. The appliances (indicated from top to bottom) are: Air conditioner, Compact Fluorescent Lamp, Fan, Fridge, Hairdryer, Incandescent Light Bulb, Laptop, Microwave, and Washing machine, respectively.