• Publication of the "Programmable Appliance Timer" (February 1989) and "UV Exposure Light" (March 1989) couldn't have been at a more fortuitous time for me. I've needed this combination for some time now and thought I would have to design them myself. As you can see in the photo of both projects I built, I made a few modifications in the Exposure Light to create a cleaner appearance. But to get both projects to work, some changes had to be made in the published material.

In the Timer article's Parts List, change C4's rating to 25 volts, change the value of R33 to 820 ohms and include XTAL1 with a frequency of 32.768 kHz. Labeling of IC8 and IC9 in Fig. 1 should be transposed and some gates relabeled to conform to Fig. 6, though Fig. 1 is technically correct. (It would have been helpful if pin numbers had been included in the schematic.) In the Light article, Fig. 2, label the top ends of B1, B2 and B3

with B1A, B2A and B3A, respectively, and use these three designations to replace N1C, N2C and N3C in Fig. 4. The Parts List specifies 15-watt starters for the lamp, while 20-watt units are mentioned in the text. Either can be used, though I would go with the latter.

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