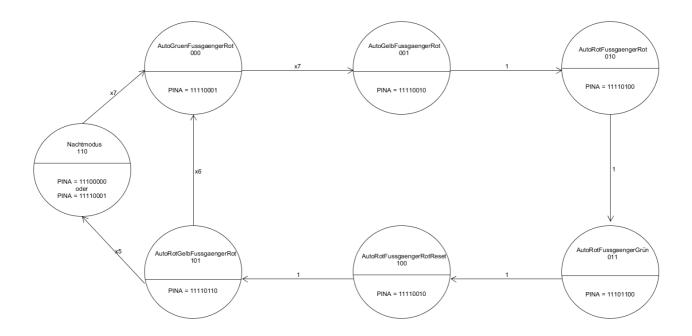
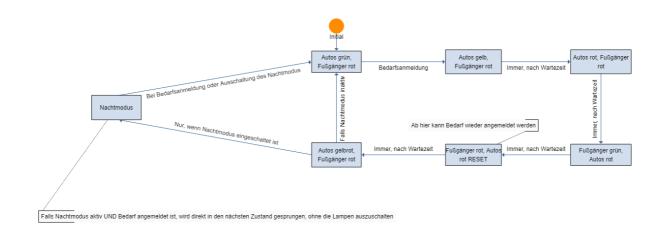
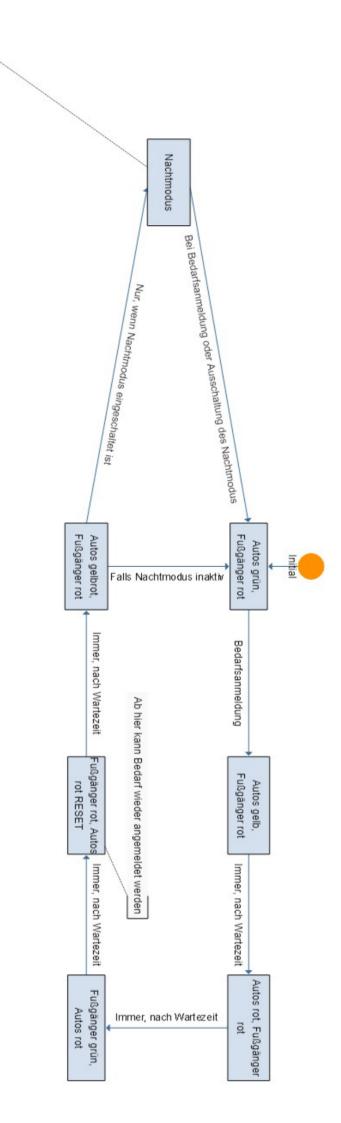
```
\begin{split} &\text{Moore-Automat A} = \{X, Y, Z, \delta, \mu\}, \text{mit} \\ &X = \{00000000, 00000001, ..., 111111111\} \\ &Y = PINA = \{00000000, 00000001, ..., 111111111\} \\ &Z = \{000, 001, 010, 011, 100, 101, 110, 111\} \\ &\delta : Z \times X -> \ Z, \ \delta(x_1, x_0, z_3, z_1, z_1) = (z_3^+, z_2^+, z_1^+) \\ &\mu : \ Z -> Y, \ \mu(z_3, z_1, z_1) = (y_5, y_4, y_3, y_2, y_1, y_0) \end{split}
```







Falls Nachtmodus aktiv UND Bedarf angemeldet ist, wird direkt in den nächsten Zustand gesprungen, ohne die Lampen auszuschalten