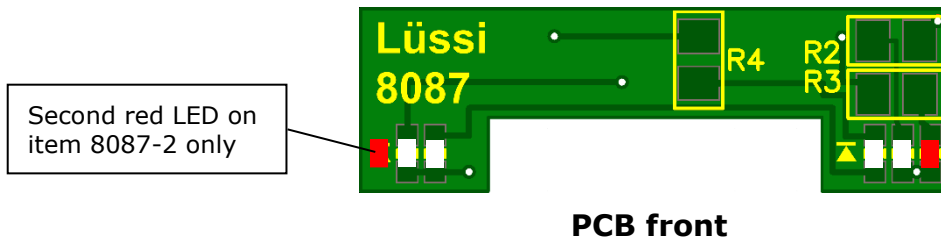


Light module for Märklin Re 460 locomotives, item no. 8087(-2)

The light module 8087 was developed for Märklin locomotives of the Re 460 series, which are already equipped with LEDs. Many of these models were equipped with yellow LEDs at that time. With this circuit board they can be converted to white LEDs true to the prototype. In addition, this circuit board has two more white LEDs for high beam, as well as a red LED as a rear light at the bottom right (item 8087-2 with 2 red lights)
 The module has the same size as the original PCB and fits exactly in the same place as it.



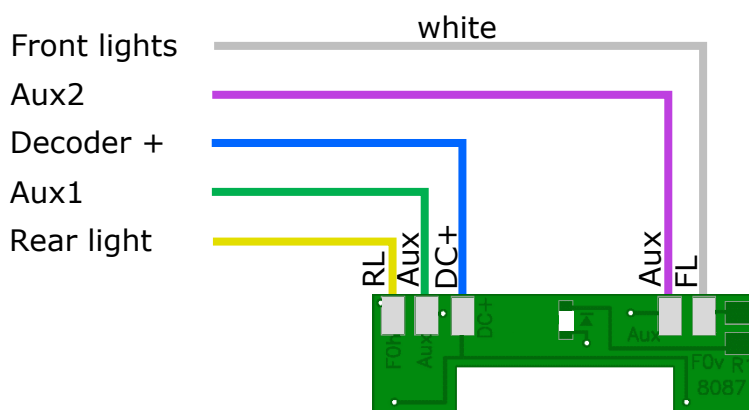
8087 and 8087-2 Connections (Pads):

D+	Decoder Plus
FL	A-Light (together with connection RL)
RL	Single LED white bottom right hand side
Aux	High beam lights
Aux	8087: Red LED bottom right; 8087-2: Two red LEDs

Decoder connections and strand colours (according to NEM standard):

Blue	Decoder Plus	Rückleiter Funktionen
White	F0 forward	Front light (FR)
Yellow	F0 reverse	Rear light (RL)
Green	Aux1	Function key 1
Violet	Aux2	Function key 2

Connections



Note

All LEDs are routed via series resistors so that the connections can be directly connected to the decoder outputs.