

LSS



Special Light Controller

The LSS Special Light Controller is a control panel for special lighting systems in situations of emergency or restoring order. The special design of the LSS Special Light Controller with raised push-button, red ring lighting, and the legible and uniform illuminated inscription ensures that the special lighting system can be switched on quickly. The protective cover, which can be locked without tools and fitted with a viewing window, prevents unintentional actuation of the special lighting switch.

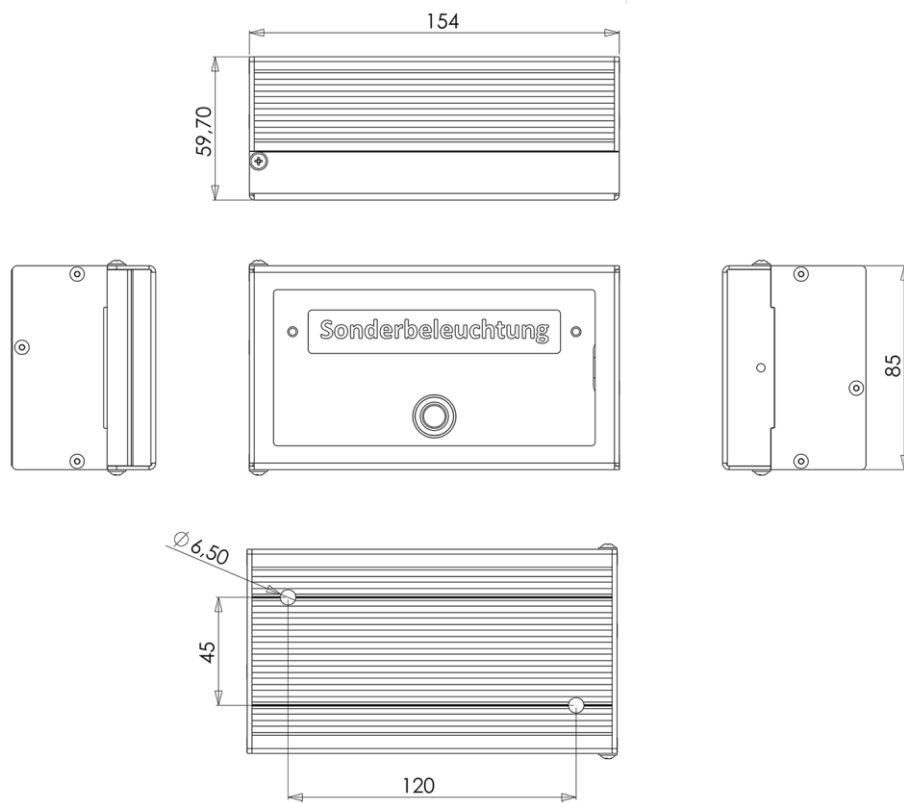
The LSS Special Light Controller can be used as part of a special lighting system with a PLC or with switching contactors. Depending on the system, further optical signals can be programmed.

The LSS Special Light Controller is available in two designs for surface or flushes mounting. For surface mounting, the entire control panel is fitted in an aluminum box. The connection openings can be arranged on the back or the side parts. The box is fastening by two screws on the back. For flush mounting (flush or hollow wall) the box is mounted on a commercially double flush socket.

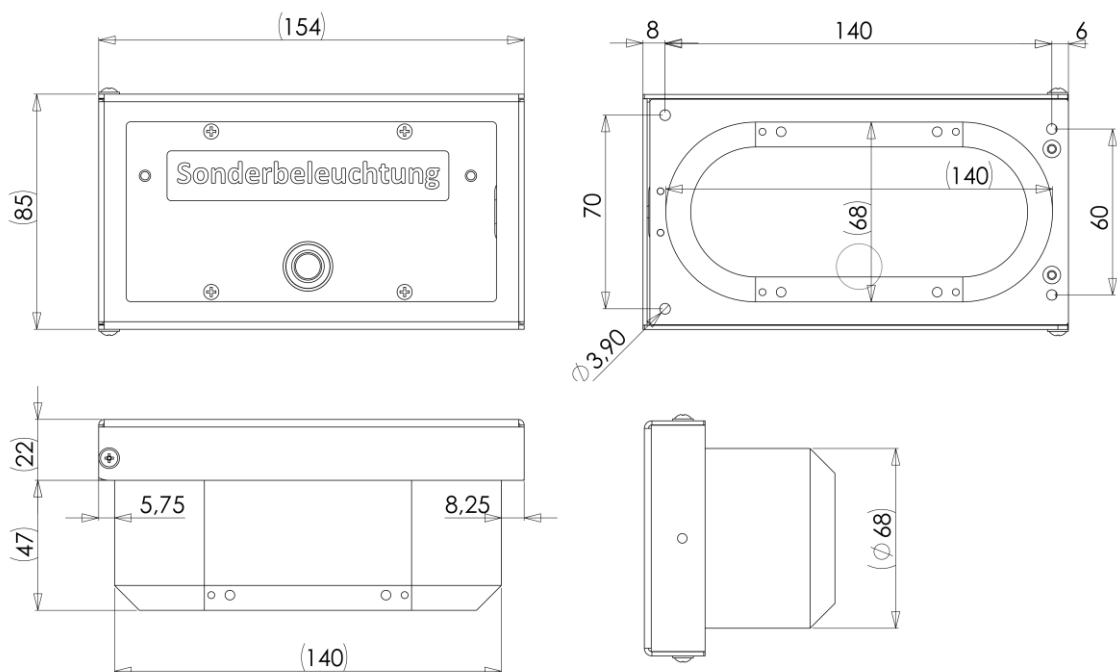
Technical Specification:

Design	Surface mounting	Flush Mounting						
Weight	Ca. 600g	Ca. 300g						
Dimensions (W x H x D in mm)	154 x 85 x 59,7 without cable	154 x 85 x 22 Add. mounting depth socket						
Order number	L07001	L07002						
Connections	Internal connection to PHOENIX connectors							
Connector pin assignment	1	2	3	4	5	6	7	8
	TA+	TA-	TB+	TB-	BL+	BL-	Not used	
	Push-button switch (Contact)		LED Feed-back		LED Back-ground lighting			
Nominal cross-section	1,5 mm ²							
Conductor cross-section for all designs	rigid min.						0,2 mm ²	
	rigid max.						1,5 mm ²	
	flexible min.						0,2 mm ²	
	flexible max.						1,5 mm ²	
	flexible w. ferrule without plastic sleeve min.						0,25 mm ²	
	flexible w. ferrule without plastic sleeve max.						1,5 mm ²	
	flexible w. ferrule with plastic sleeve min.						0,25 mm ²	
	flexible w. ferrule with plastic sleeve max.						0,75 mm ²	
Max. switching capacity push-button switch	36 V DC, 2 A							
Contact type push-button switch	Closer (Contact)							
Power supply LED background light	24 V DC, < 20 mA							
Box	Aluminum powdered black (RAL 9005)							
Operation temperature	0 °C – 40 °C, non condensing							
RoHS	conform							
IP/Appliance class	IP 40/Class 3							

Sketch Surface mounting



Sketch Flush mounting



circuit diagram

