

# EXLUX Emergency Linear Luminaire with LED

Series 6209/1

STAHL



- Smart Central Locking System – Allows effortless access for quick maintenance, minimizing downtime and enhancing operational efficiency.
- Wide Voltage of 100 to 277 V AC – Makes the light fixtures suitable for different applications & environment.
- Advanced Surge Protection up to 6KV – Engineered for resilience, the robust design shields the luminaire from electrical surges, ensuring long- lasting performance.
- Emergency Light Output - Ensures essential visibility during evacuation or system restoration.
  - i. 2 ft model: Up to 65% brightness for 1.5h or 35% for 3h.
  - ii. 4 ft model: Up to 35% brightness for 1.5h or 20% for 3h.
- Long- Lasting LED Performance – Designed for durability, the luminaire delivers over 1,00,000 hours (L70B50) of service life even in +55°C ambient conditions.

## MY R. STAHL 6209A

The emergency luminaire with Series 6209/1 LED with integrated battery can be installed in stand-by switching, continuous mode or in switchable stand-by switching. A monthly functional test and annual rated operating time test are performed automatically. The results are indicated by an LED.

	NEC® 500 CE Code Appendix J					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Ex interface						
Installation in						

	CE Code Section 18 NEC® 505						NEC® 506		
	Class I								
Zone	0	1	2	20	21	22			
Ex interface									
Installation in									

	IECEX / ATEX					
	0	1	2	20	21	22
Zone						
Ex interface						
Installation in						

### Start-up current

$I_{peak} = 51 \text{ A}$ ;  $\Delta t = 127 \mu\text{s}$

Maximum number of luminaires per miniature circuit breaker:

Type	10 A	16 A	20 A	25 A
B	12	19	24	31
C	20	33	41	51
K	41	66	82	103

typical value for 1-pole miniature circuit breaker at +25 °C and nominal voltage 230 V AC; the exact number depends on the miniature circuit breaker used