

# EMERGENCY LUMINAIRES



**ClassNK**



est. 1979

**olympia<sup>TM</sup>  
electronics**

**SAFETY & SECURITY SYSTEMS**

*for a safer world!*



## EXPLOSION-PROOF SERIES



[www.olympia-electronics.com](http://www.olympia-electronics.com)



PRODUCT PAGE

Zone 1/21 - 2/22

# ATEX LED Emergency luminaires

## In hazardous environments, light is not just visibility — it is a lifeline.

Where flammable gases, vapours, or dust create constant risk, every component must perform without compromise. Our explosion-proof emergency luminaires are engineered for these critical moments, providing absolute reliability in areas where failure is simply not an option. With robust construction, superior ingress and impact protection, and high-performance LED technology, they illuminate even the harshest industrial conditions. Designed for seamless operation in ATEX Zones 1, 2, 21, and 22, they guarantee safe evacuation, clear orientation, and continuous function — day after day, hour after hour. Trusted by oil & gas facilities, chemical plants, and high-risk industrial environments worldwide, these luminaires combine safety, durability, and cutting-edge design. When the environment is extreme, the right light can make all the difference — guiding people, protecting assets, and ensuring that safety never takes a day off.



**ClassNK**



Ex db IIC T6 Gb | Ex tb IIIC T85 Db

## ATEX-certified solutions for industrial use

These explosion-proof luminaires are engineered for reliable operation in hazardous areas, certified for Zones 1/2 and 21/22 with Ex db IIC T6 Gb and Ex tb IIIC T85 °C Db approvals. Constructed from marine-grade aluminium with borosilicate glass or UV-protected polycarbonate diffusers, they offer IP66 protection and IK07–IK10 impact resistance. Equipped with high-efficiency LED modules (4000 K, CRI > 80) and an electronic 220–240 V driver (PF 0.95), they operate from -20 °C to +55 °C in normal mode and 0 °C to +50 °C in emergency mode. Fully ATEX and IECEx certified, with explosion-proof O-rings, cable entries, and 5P+T terminal block connections, SATURNO luminaires are suitable for flammable surfaces and provide dependable emergency lighting in industrial and high-risk environments.

**Explosion-proof luminaires deliver reliable, high-performance lighting in hazardous areas.**

Built with marine-grade aluminium and robust borosilicate glass or polycarbonate diffusers, they combine durability, IP66 protection, and impact resistance. With LED modules, precise color rendering, and emergency operation capability, they ensure safety and visibility in industrial, chemical, and flammable environments.



**CERTIFICATIONS**



Ex db IIC T6 Gb  
Ex tb IIIC T85°C Db

**STANDARDS COMPLIANCE**

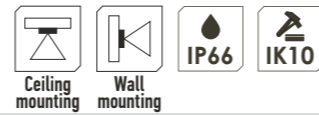
EN-60598-2-22  
AutoTest: EN-62034  
DALI-2: EN 62386



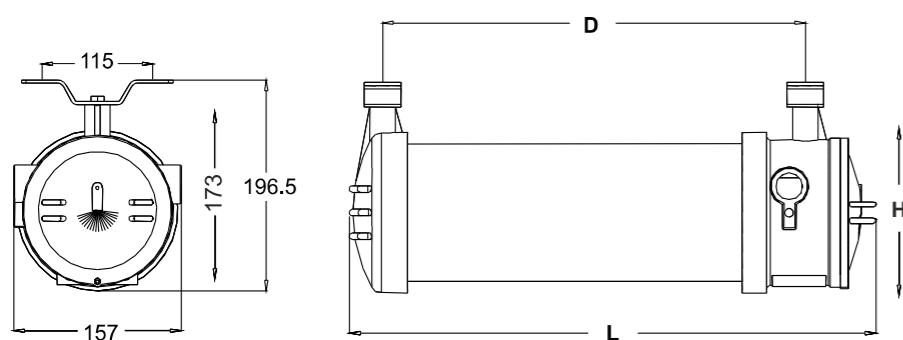
## POLYCARBONATE ENCLOSURE



ATEX LED Emergency luminaires  
self-contained & self-testing  
220-240V 50-60Hz



CODE	TYPE	DIMENSIONS	COMMUNICATION	TYPE (M/NM)	BATTERY PACK LiFePO4	DURATION	Flux (lm)	Emergency Flux (lm)
923411402	PTD1400LX	E1	AutoTest	NM	3.2V3.0Ah	1hour	-	460
923411404	PTD1400LX3	E1	AutoTest	NM	3.2V6.0Ah	3hours	-	460
923411702	PTD1700LX3	E1	AutoTest	NM	3.2V9.0Ah	3hours	-	840
923411704	PTD1700LXP	E1	AutoTest	M/NM	3.2V3.0Ah	1hour	2400	840
923412702	PTD2700LX	E2	AutoTest	NM	3.2V3.0Ah	1hour	-	890
923412704	PTD2700LX3	E2	AutoTest	NM	3.2V9.0Ah	3hours	-	890
923412402	PTD2400LXP	E2	AutoTest	M/NM	3.2V3.0Ah	1hour	2600	870
923412706	PTD2700LAP	E2	DALI-2	M/NM	3.2V3.0Ah	1hour	5100	830
923412403	PTD2400LAP	E2	DALI-2	M/NM	3.2V3.0Ah	1hour	2600	870
923412708	PTD2700LXP	E2	AutoTest	M/NM	3.2V3.0Ah	1hour	5100	890
923412404	PTD2400LXP3	E2	AutoTest	M/NM	3.2V9.0Ah	3hours	2600	870
923412710	PTD2700LAP3	E2	DALI-2	M/NM	3.2V9.0Ah	3hours	5100	830
923412405	PTD2400LAP3	E2	DALI-2	M/NM	3.2V9.0Ah	3hours	2600	870
923412716	PTD2700LXP3	E2	AutoTest	M/NM	3.2V9.0Ah	3hours	5100	890
923413112	PTD3110LAP3	E3	DALI-2	M/NM	3.2V9.0Ah	3hours	13600	980
923413113	PTD3110LXP3	E3	AutoTest	M/NM	3.2V9.0Ah	3hours	13600	980
923413702	PTD3700LAP	E3	DALI-2	M/NM	3.2V3.0Ah	1hour	5550	980
923413704	PTD3700LXP	E3	AutoTest	M/NM	3.2V3.0Ah	1hour	5550	980
923413706	PTD3700LAP3	E3	DALI-2	M/NM	3.2V9.0Ah	3hours	5550	980
923413709	PTD3700LXP3	E3	AutoTest	M/NM	3.2V9.0Ah	3hours	5550	980



	LENGTH	WIDTH	HEIGHT
<b>E1</b>	485	157	173
<b>E2</b>	750	157	173
<b>E3</b>	1360	157	173

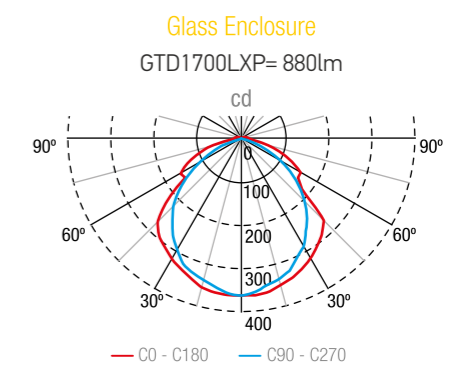
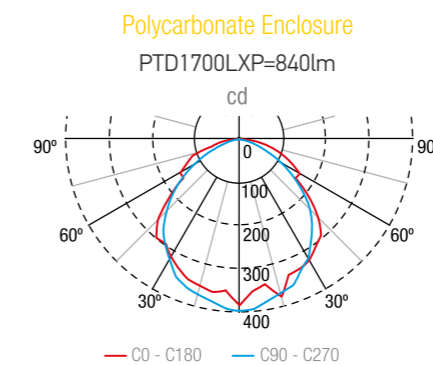
## GLASS ENCLOSURE



ATEX LED Emergency luminaires  
self-contained & self-testing  
220-240V 50-60Hz



CODE	TYPE	DIMENSIONS	COMMUNICATION	TYPE (M/NM)	BATTERY PACK LiFePO4	DURATION	Flux (lm)	Emergency Flux (lm)
923411406	GTD1400LX	E1	AutoTest	NM	3.2V3.0AhLiFePO4	1hour	-	480
923411408	GTD1400LX3	E1	AutoTest	NM	3.2V6.0AhLiFePO4	3hours	-	480
923411705	GTD1700LX3	E1	AutoTest	NM	3.2V9.0AhLiFePO4	3hours	-	880
923411706	GTD1700LXP	E1	AutoTest	M/NM	3.2V3.0AhLiFePO4	1hour	2750	880
923412712	GTD2700LX	E2	AutoTest	NM	3.2V3.0AhLiFePO4	1hour	-	930
923412714	GTD2700LX3	E2	AutoTest	NM	3.2V9.0AhLiFePO4	3hours	-	930
923412406	GTD2400LXP	E2	AutoTest	M/NM	3.2V3.0AhLiFePO4	1hour	2750	920
923412717	GTD2700LAP	E2	DALI-2	M/NM	3.2V3.0AhLiFePO4	1hour	5350	870
923412407	GTD2400LAP	E2	DALI-2	M/NM	3.2V3.0AhLiFePO4	1hour	2850	920
923412718	GTD2700LXP	E2	AutoTest	M/NM	3.2V3.0AhLiFePO4	1hour	5350	930
923412408	GTD2400LXP3	E2	AutoTest	M/NM	3.2V9.0AhLiFePO4	3hours	2750	920
923412409	GTD2400LAP3	E2	DALI-2	M/NM	3.2V9.0AhLiFePO4	3hours	2850	920
923412719	GTD2700LAP3	E2	DALI-2	M/NM	3.2V9.0AhLiFePO4	3hours	5350	870
923412720	GTD2700LXP3	E2	AutoTest	M/NM	3.2V9.0AhLiFePO4	3hours	5350	930
923413110	GTD3110LAP3	E3	DALI-2	M/NM	3.2V9.0AhLiFePO4	3hours	14100	1020
923413111	GTD3110LXP3	E3	AutoTest	M/NM	3.2V9.0AhLiFePO4	3hours	14100	1020
923413710	GTD3700LAP	E3	DALI-2	M/NM	3.2V3.0AhLiFePO4	1hour	5750	1020
923413708	GTD3700LXP	E3	AutoTest	M/NM	3.2V3.0AhLiFePO4	1hour	5750	1020
923413711	GTD3700LAP3	E3	DALI-2	M/NM	3.2V9.0AhLiFePO4	3hours	5750	1020
923413712	GTD3700LXP3	E3	AutoTest	M/NM	3.2V9.0AhLiFePO4	3hours	5750	1020





*for a safer world!*



Environmental Friendly Company

Olympia Electronics SA highlights its commitment to support and promote sustainable development and the principles of Corporate Social Responsibility through a global strategy. The company operates in the field of production of integrated security systems and implements practices aimed at protecting the environment, the addition of social value and the development of corporate social responsibility.



[www.olympia-electronics.com](http://www.olympia-electronics.com)