

EX40 S

Explosion proof LED luminaire, surface mounting, for zone 1/2



The **EX40S** from LightPartner is an explosion-proof LED luminaire expertly designed for hazardous zones 1 and 2, ensuring reliable performance aboard vessels in demanding environments. Built with a stainless-steel, powder-coated housing and a clear polycarbonate cover, it delivers powerful, uniform illumination while maintaining IP67 protection against dust and water ingress. Fully ATEX-compliant designations—including II 2G Ex eb mb op is IIC T5 Gb and II 2D Ex tb op is IIIC T55°C/70°C Db—it operates safely between -40°C and $+45^{\circ}\text{C}$, and runs off 120–240 V AC (50–60 Hz). With available variants offering different temperature ratings, light outputs, and through-wiring options, the EX40S adapts precisely to varying project requirements

Technical Details

Possible combinations of features and other options available on request. Please contact us for more information.

Luminaire Type	Technical Luminaire
Input Voltage	230 VAC
Area	Indoor
Application	Cruise / Offshore / Naval / Commercial
Frequency	50-60 Hz
Wattage	1x 20 W
Lumen Output	2735 lm
Color Temperature	4500 K
CRI Color Rendering Index	85
Emergency Function	Optional 3h Battery backup
Cover / Diffusor	Polycarbonate clear

Material of Housing	Stainless Steel 1.4404
Color of Housing / Ring	RAL colors
Type of Light Source	LED
Light Source Included	Yes
Cable Entry	Cable glands, Plastic / Brass, 1x / 2x M20
External Wiring	\varnothing 8 - 13 mm / 10 - 17 mm
Type of Connection	Terminal 3-pole / 4-pole, 2.5mm ² / 4mm ²
Internal Wiring	Through wired
Mounting Type	Bracket LP160 / Bracket GL
IP Class	IP67
IK Class	IK10
Ambient Temperature in °C	$-20 \dots +45$ / $-40 \dots +45$

Images