

STEEL-X



STEEL X - HIGH-PERFORMANCE INDUSTRIAL LUMINAIRE

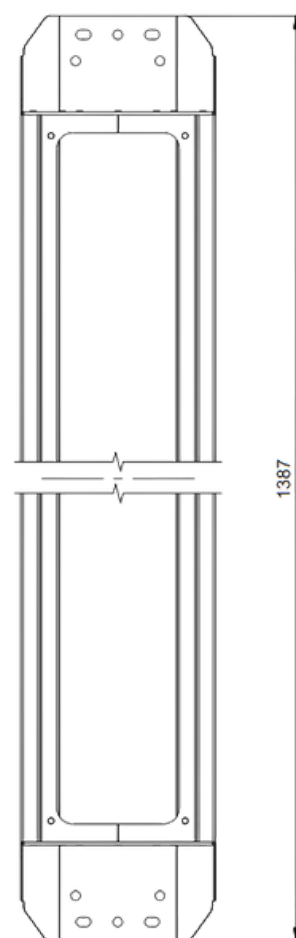
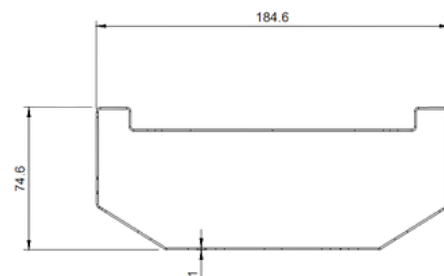
Steel X is a robust and versatile LED luminaire engineered for demanding environments, offering durability, high efficiency, and adaptability.

Designed for applications such as marine, food processing (HACCP), ATEX/EX environments, high-corrosion settings (e.g., car wash facilities), high-temperature locations, and tunnels, Steel X is built to withstand extreme conditions while delivering reliable, high-quality illumination.

STEEL X



Description	Value
Housing	Stainless Steel (SS 316L). Other options available
CLO (Yes/No)	Yes
Optics	30°, 60°, 90°, 20°x110°
Driver	Tridonic/Helvar
Dimmable (Yes/No)	Yes
Driver lifetime (h)	100,000 hours
Power factor	>0.95
Surge protection SPD	Optional SPD available
Wiring	1-phase / 3-phase / through-wiring
Delivered with Cable length size	Available in predetermined cable length options or quick connectors
Halogen free, whole luminaire (Yes/No)	Yes (Halogen-free materials used)
Surface protection	Corrosion-resistant surface treatment
Cover	Tempered glass, acrylic or PC diffuser
Degree of protection (IP)	IP67/IP68
Impact strength (IK)	IK10
Protection class	Industrial protection class
Length (mm)	600 mm / 1200 mm / 1500 mm
Width (mm)	185 mm
Height (mm)	76 mm
Ambient temperature	-40°C to +60°C
Warranty	5 years



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Name	Power (W)	Efficiency (lm/W)	Luminous flux (lm)	Standard CCT (K)
STXS 30 840	30	150	4500	4000
STXM 40 840	40	150	6000	4000
STXL 70 840	70	150	10500	4000

Key Features:

- Superior Protection - IP67/IP68-rated for resistance against water, dust, and harsh chemicals.
- Rugged Build - Stainless steel (SS 316L) housing ensures high corrosion resistance.
- Wide Operating Temperature Range - Depending on application, supports Ta from -40°C to +60°C.
- High Durability - Impact-resistant glass cover or polycarbonate alternative for HACCP compliance.
- Advanced Connectivity - Compatible with Techno Quick Connectors and Wieland RST Micro for secure and efficient installations.
- External Driver Options - Available for extreme temperature applications.
- Certified for Special Applications - Tested for ATEX compliance, HACCP food safety, marine salt spray, EMC, and environmental durability.

Sustainability & Modularity

- Fully modular design with replaceable components.
- No plastic in packaging - 100% recyclable materials.
- Long-lasting LED modules with conformal coating for corrosion protection.
- Breather valve optional, depending on configuration.