

# Steel-X EX Z2 series

## INSTALLATION MANUAL

### TECHNICAL INFORMATION

Lightholm  
STEEL X EX Z2 M 65W DALI CL1

Serial number: 123456

 II 3G Ex ec IIC T6 Gc  
 II 3D Ex tc IIIC T85° Dc  
Ta -20°C to +40°C

DOC. SEV-ATEX-STEELZ2 X (DECLARATION OF CONFIRMITY)  
2025 (YEAR OF MANUFACTURING)

WARNING – DO NOT SEPARATE WHEN ENERGIZED  
CE

### SPECIAL CONDITIONS X

1. The installation plug connectors RST may only be installed at locations at which they are protected from the effects of mechanical dangers.
2. Unnecessary plug and socket parts must be closed off with the pertinent closure element which relates to them.
3. The cables and leads connected to installation plug connectors RST are to be protected from the effect of mechanical danger. In addition to this, the installer/operator must guarantee an appropriate strain relief for the connected cables and leads.

	Steel X EX Z2 S	Steel X EX Z2 M
Luminous flux	up to 5800 lm	up to 9480 lm
Consumption	up to 40 W	up to 65 W
Nominal voltage	AC220-240V	
Mains frequency	50 / 60 Hz	
CRI	CRI 80	
IP rating	IP65	
Dimensions	830 x 185 x 75 mm	1390 x 185 x 75 mm
Net weight	5.7 kg	8.8 kg
Ambient temperature range	-20 ~ +40°C	
Ambient humidity range	15%~90%RH	

### INSTRUCTIONS

1. Inspect the luminaire! Do not install if there are any cracks for glass, field connectors or connector caps. Do not open the luminaire!
2. Depending the weight and intended fixation option choose appropriate screws or bolts for fixation. Fixation options: 45degree angled holders; 90degree wall holders; ceiling holders.
3. M6 bolt on the side is meant for equipotential bonding.
4. Check cable connector wiring. Use only RST Classic Atex connectors.

Class I - DALI and 1 phase throughwiring  
Connection:

1-phase; 2-DALI/L; 3-DALI/N; N-neutral; PE-grounding.

Luminaire has Wieland RST2015 connectors female 96.051.5053.0 and male 96.052.5053.0 if connection only one-sided, connect male side, place cap on female connector.

5. Before preparing cable connector on Your end, make sure fuse is switched off.

**6. Plug in cable connector only with switched off fuse!**

## RST20i5



Mechanical coding (view on connector interface female)	black	light gray
Operating voltage (application)	250/400 V with PE	250/400 V with PE
Marking of poles	1, 2, 3, N, PE	1, 2, 3, N, PE

Fits with Wieland RST2015 art. Numbers:  
female male

96.051.4053.1 96.052.4053.1  
96.051.4053.0 96.052.4053.0  
96.051.4153.1 96.052.4153.1  
96.051.4153.0 96.052.4153.0  
96.051.4553.1 96.052.4553.1  
96.051.4553.0 96.052.4553.0

Check Wieland installation manual.



**Warning, risk of electric shock!**



This marking indicates that this product should not be disposed of with other household waste throughout the EU. To prevent potential harm to the environment or human health due to uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of materials. To return a used device, please use the applicable return system or contact the retailer who sold the product. They can accept this product for environmentally friendly and safe recycling.



## | SERVICE QR TAG

The luminaire is equipped with three service labels. One is mounted in the luminaire housing. One should be mounted behind the pole door. One should be attached to the documentation.

**The LED module and driver in this fixture should only be replaced by the manufacturer, its service agent, or a similarly qualified person!**

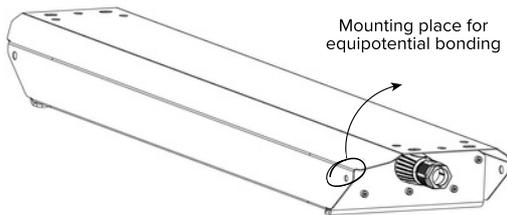
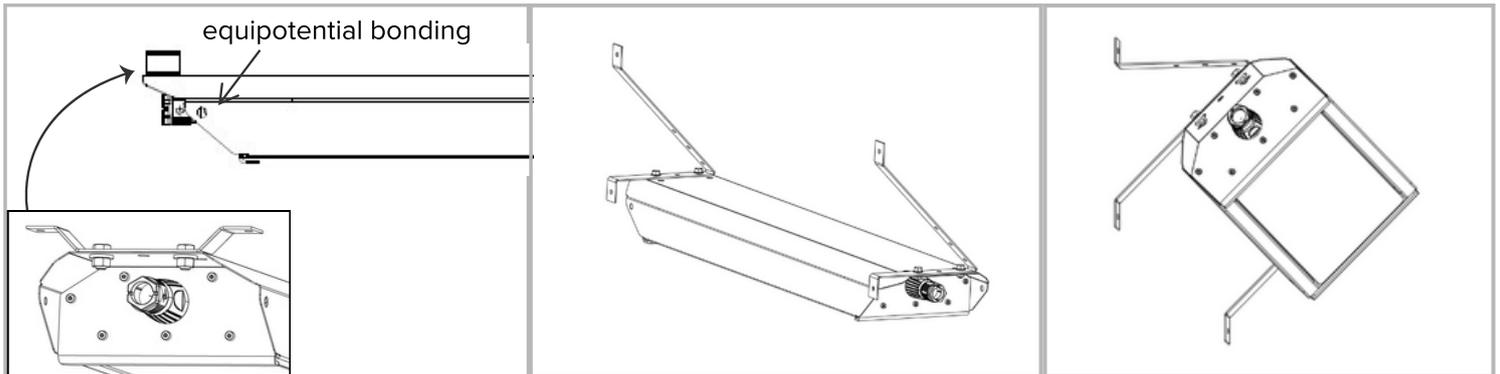


## | MOUNTING

### | STANDARD HOLDER

### 90 DEGREE HOLDER

### 45 DEGREE HOLDER



## | MATERIAL INFORMATION

This luminaire is constructed using high-grade **AISI 316L stainless steel**. All additional components — including screws, insert nuts, holders, and bolts — are also manufactured from the same grade stainless steel to ensure maximum corrosion resistance. The connectors are made from **PA6.6**. Additionally, the luminaire and its mounting hardware are **powder-coated** to enhance visual appearance and provide an extra layer of protection.

This luminaire is designed for use in **extreme environmental conditions and high-moisture areas**, including **high-salinity coastal zones, car washing facilities\***, and **pool environments\*\***.

\* In car washing facilities, where washing agents contain substances such as **sodium hydroxide (NaOH)**, **caustic soda**, and **potassium hydroxide (KOH)**, the luminaire must be cleaned at least once per week to remove any accumulated residues or sediments from cleaning agents.

\*\* In pool areas, luminaires must be installed outside direct splash zones. Adequate **ventilation and air movement** around the fixture must be maintained, and a **weekly cleaning schedule** of external surfaces is recommended to prevent corrosion from chlorinated moisture.

## | WARNING

1. To avoid damage, falling, electric shock or fire, please do not modify the lamp or replace accessories without confirming with the supplier first.
2. Please authorize only qualified personnel to install the lamp and ensure they follow the instruction manual. Any improper installation might cause falling, electric shock, fire, or other injury, damage or hazard.
3. Please disconnect power before installation or any maintenance of the lamp.
4. Please disconnect power if it begins to smoke or emit odors, since fire or electric shock may occur. Ask qualified person to inspect and maintain the luminaire.
5. Please do not dismantle the lamp without the supplier's authorization.
6. If the external flexible cable or cord of the luminaire is damaged, it should only be replaced by the supplier, a service agent or qualified person.
7. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or similar qualified person.