



THE STRONGEST LINK.

**STAHL**

# DESIGNED FOR SUPERIOR PERFORMANCE

Pendant light fitting LED series 6057 / 6457

# THE SPARK OF INNOVATION

## PENDANT LIGHT FITTING LED SERIES 6057 / 6457 FOR HAZARDOUS AREAS

Committed to protect lives and ensure the safety of infrastructure in industries that are prone to explosion, R. STAHL, the leading manufacturer, supplier and solution provider of explosion protection electrical equipment and automation systems, presents the innovative pendant light fitting LED series 6057 / 6457 with global standards to meet the changing needs of industries, worldwide.

Born out of the 'spark of innovation', this LED series from R. STAHL is a revolutionary lighting solution with patented design\*. Every component that goes into

making of this energy efficient lighting solution is tested for quality and durability to enhance efficiency.

Accredited with international and national certifications, the Ex db certified 6057 and Ex db ec certified 6457 LED pendant lights are quintessence lighting solutions for application in **Zone 1, 2, 21 & 22** of diverse industries. The uniquely engineered lighting series is a versatile performer with rich features designed for focused and brighter illumination covering wider areas with higher lumen per watt.

\* Design patented in India



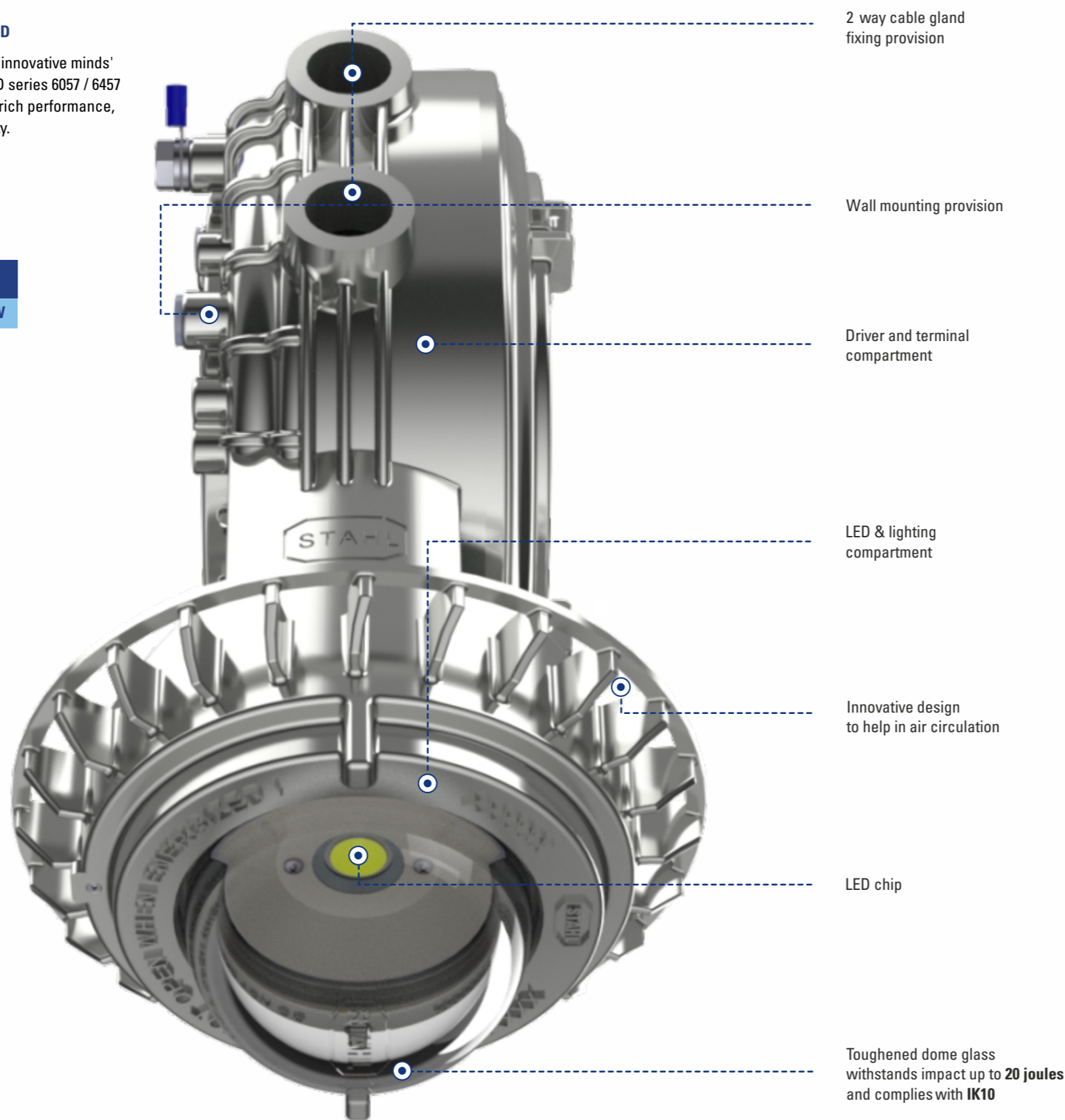
# A SPECTRUM OF FEATURES, A WORLD OF BENEFITS.

## ENSURES SAFETY & PEACE OF MIND

A feature rich product designed by 'innovative minds' at R. STAHL, pendant light fitting LED series 6057 / 6457 comes with multiple attributes to enrich performance, enhance durability and assure safety.

## IECEX PESO

Available wattages			
25W	45W	65W	80W



2 way cable gland fixing provision

Wall mounting provision

Driver and terminal compartment

LED & lighting compartment

Innovative design to help in air circulation

LED chip

Toughened dome glass withstands impact up to **20 joules** and complies with **IK10**



### GLOBAL STANDARDS & INTERNATIONAL ACCREDITATIONS

Designed to global standards, the LED pendant strictly conforms to the highest safety standards defined by **IEC & BIS**



### HIGH QUALITY HIGHLY DURABLE

Built with high-grade copper free aluminium alloy with powder coating, the LED pendant is extremely durable, corrosion resistant, and attested with salt spray test report as per ISO 9227 standards.



### LONG LASTING ENERGY SAVING

Tested as per IEC standards, the energy efficient LED pendant comes with an assured service life of **50,000 hours** with an efficacy of 113 lumen per watt. Also thanks to its thermal management feature that enables effective heat transfer from the LED to the atmosphere during operation, ensuring best return on investment.



### MORE SAFETY MORE PROTECTION

An exclusive design of 2 separate compartments; one houses the driver and the terminal components. The other houses the LED unit. This seclusion adds to its uncompromised safety & ultimate protection.



### EASY TO INSTALL EASY TO MAINTAIN

Multiple mounting modules - a wall mounting, a ceiling mounting, a ring bolt mounting and a pipe mounting, with 2 cable entry ensures easy installation and easy maintenance.



### PROVEN TOLERANCE TO HARSH ENVIRONMENTS

Tested to withstand extreme ambient temperatures from **-20 °C to +60 °C**. This LED series comes with an ingress protection of **IP 66 & IP 67**.

# WORLD-CLASS CERTIFIED LIGHTING SOLUTION FOR DIVERSE INDUSTRIES

Combined with its easy installation, cost effective maintenance, enduring durability and long life, the pendant light fitting LED series 6057 / 6457 is the most reliable and energy saving lighting solution for industries that are committed to safer and greener environments.

Designed to withstand the test of the harsh environments, the versatile pendant light fitting LED series 6057 / 6457 finds exclusive application in Zone 1, 2, 21 & 22 of oil & gas,

pharmaceutical, chemicals, marine and shipbuilding, machine building and food & beverage industries.

What's more, the different mounting options saves space and ensures easy installation and maintenance too! Tested in the state-of-the art laboratories and certified by IECEx and PESO, the pendant light fitting LED series 6057 / 6457 is safety compliant with global standards and is an ideal choice for hazardous industries, worldwide.

Food and beverage industry



Chemical industry



Oil and gas industry



Pharmaceutical industry



Marine and ship building industry



Machine building industry



# LIGHTING THE WORLD, BRIGHTLY AND SAFELY.

## R. STAHL - THE PIONEER IN EXPLOSION PROTECTION SOLUTIONS

R. STAHL is a global leader in explosion protection and safety technology that offers incredibly reliable protection for both people and systems. R. STAHL's products and services boast exceptional quality coupled with state-of-the-art technology.

Created by the best of innovative minds, R. STAHL offers complete solutions in the field of explosion protection lighting technology from design phase to manufacturing to installation and after sales service.

In addition to offering linear lighting, floodlights, compact lights, hand lamps and emergency lighting solutions, R. STAHL is also the leading manufacturer of junction and terminal boxes, control boxes, CCTV cameras and equipment, control system and distribution boards, signalling devices, plugs and sockets, cable glands and more.

This publication is for general informational purposes only and we reserve the right at any time to alter the product design and specifications. No statement in this publication shall be construed as a warranty or condition, expressed or implied, as to any product, its fitness for any particular purpose, merchantability, quality or representation of the terms of any purchase agreement. Minor differences between printed and actual colors may exist. Copyright © 2021 R. STAHL Private Limited.

**STAHL**

### R. STAHL PRIVATE LIMITED

Sengundram Ind. Area, Singaperumal Koil,  
Chengalpattu Dist, Tamilnadu, Chennai 603 204, India  
T +91 44 67300600 F +91 44 67300700  
E: sales.india@r-stahl.com  
[r-stahl.com/en/in/](http://r-stahl.com/en/in/)

Follow us:

-  R. STAHL Group
-  R. STAHL Group
-  @rstahlgroup