

BRIGHT MEETS SMART



Thanks to its intelligent and durable design, the next-generation 6036 series LED tubular light fitting even protects the environment. This makes it a premium product for industries with the strictest safety and sustainability requirements – and our Green Link to an eco-conscious future. Our wide range of explosion protection solutions is completely tailored to your needs – efficient, certified and globally available.

SMART LIGHTING

- Optionally available with Digital Addressable Lighting Interface (DALI). It enables the digital networking, switching, control and monitoring of individual luminaires as well as complete lighting systems – from smart light adjustment to upcoming maintenance.
- Optionally available with address modules for direct communication with a central battery system (CBS). In the event of a general power failure, the CBS automatically switches to a battery-powered emergency system.

ECO-FRIENDLY

- Optional second switching phase (dimming to 50%)
- Motion detection via integrated sensors
- Also available with eco-friendly CCT of 2,700 K with reduced blue light content



ANY QUESTIONS?

Just contact us about the 6036 series. We will find the perfect solution for your application.
#STAHL4LIGHTING

THE STRONGEST LINK.

STAHL



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BE AHEAD OF YOUR TIME

For at least 100,000 hours – with our next-generation, long-lasting 6036 series LED tubular light fitting.

UNIQUELY GOOD – VERSATILE IN USE

Whether in the chemical or renewable energy industries, underground or maritime. The 6036 series LED tubular light fitting by R. STAHL was developed for extreme conditions and equipped with cutting-edge features. The result: a robust luminaire with low energy consumption combined with an exceptionally long service life. Perfect for any industry with the highest safety standards:



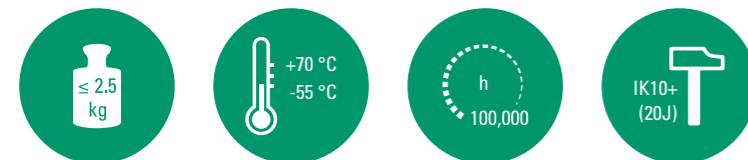
VERSATILE, FLEXIBLE AND UNIVERSAL

- Low inrush current for **more luminaires on one circuit breaker**
- **Variable cable length** up to 50 m (SELV version max. 25 m)
- **Outstanding LED efficiency** (more than 140 lm/W)
- Also suitable for **hydrogen production** (gas group IIC & IIIC) and mining
- **Flicker-free light** for maximum operational reliability
- High Colour Rendering Index (CRI) **greater than 90 for most white colours**
- **100–277 V AC/DC** (for sizes 1 and 2 also available with SELV of 24–48 V AC/DC)



ROBUST AND COMPACT

- Up to **100,000 h** lifetime at +60 °C
- Up to **12 years** of low-maintenance operation
- Suited for use **from -55 °C to +70 °C**
- **IK10+** tested design withstands the heaviest impacts
- **Only 2.5 kg and lighter** (depending on version)
- IP 66, 67 and 68
- **Resistant** to vibration and shock
- Built-in **drop protection**



Robust due to extremely impact-resistant polycarbonate housing with high durability, especially suitable for harsh environments and mining applications.



Standard with diffuser – optionally available with batwing lens or as a narrow beam



SIZES

- 16 W/444 mm (17.5")
- 28 W/762 mm (30")
- 38 W/1,059 mm (41.7")
- 49 W/1,382 mm (54.4")

CERTIFICATES

ATEX, IECEx, UK CA, NEC, UL do Brasil, DNV/GL

COLOURS

- 2,700 K** IDA conform white (CRI > 90)
- 4,000 K** warm white (CRI > 90)
- 5,000 K** neutral white (CRI > 80)
- 6,500 K** cool white (CRI > 90)
- Blue, green, yellow (monochrome), yellow (phosphor converted), red

MOUNTING OPTIONS

Standard mounting



Pipe and pole mounting



Wall and ceiling mounting

