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Our NEW Models

Industrie- und Maschinenleuchten
Industrial and machine luminaires

Made in Germany

SANGEL®
Systemtechnik

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Liebe Leser,

mit unserem Katalog „Maschinen- und Industrieleuchten, Made in Germany" präsentieren wir Ihnen ein umfangreiches Spektrum an Leuchten, basierend auf dem neuesten Stand der LED-Technologie. Die sorgfältige Entwicklung und Herstellung vereint Effizienz und Wirtschaftlichkeit mit einem robusten Aufbau für den Einsatz im Maschinen- und Anlagenbau. Neben der Funktionalität legen wir besonderen Wert auf hohe Qualität, verbunden mit einem ansprechenden Design.

Acht Produktgruppen, variierend mit diversen Lichtabdeckungen von Einscheibensicherheitsglas bis zu diffusem Plexiglas, verschiedenen Lichtfarben und Optiken, lösen Ihre Beleuchtungsherausforderungen. Auf den folgenden Seiten finden Sie alles Wissenswerte zu unseren Leuchten, von Abmessungen über Leistung und Lichtstrom bis hin zu den Lichtverteilungskurven.

Gerne unterstützen wir Sie bei der richtigen Auswahl.

Sie haben weitere Anforderungen – wir helfen Ihnen, diese zu realisieren.

Dear Readers,

In our catalogue „Machine and industrial luminaires, Made in Germany", we introduce you to our extensive range of luminaires featuring state-of-the art LED technology. During the meticulous development and manufacturing process, efficiency and cost-effectiveness are combined with a robust design suitable for use in machinery and plant construction. Alongside our focus on functionality, ensuring that our products are of premium quality with an appealing design is our top priority.

We adress your lighting needs with our six product groups that vary in their Color temperatures, optics and light covers which range from single-pane safety glass to diffuse Perspex. By referring to the corresponding data sheets, you will be able to find out all you need to know about our luminaires, including their dimensions, Power, luminous flux and light distribution curves.

We are always on hand if you need any assistance in selecting the perfect solution to suit your needs.

We understand that you have futher requirements and we are here to help you meet them.

Maschinenbau Medizintechnik Erneuerbare Energien Mobile Automation

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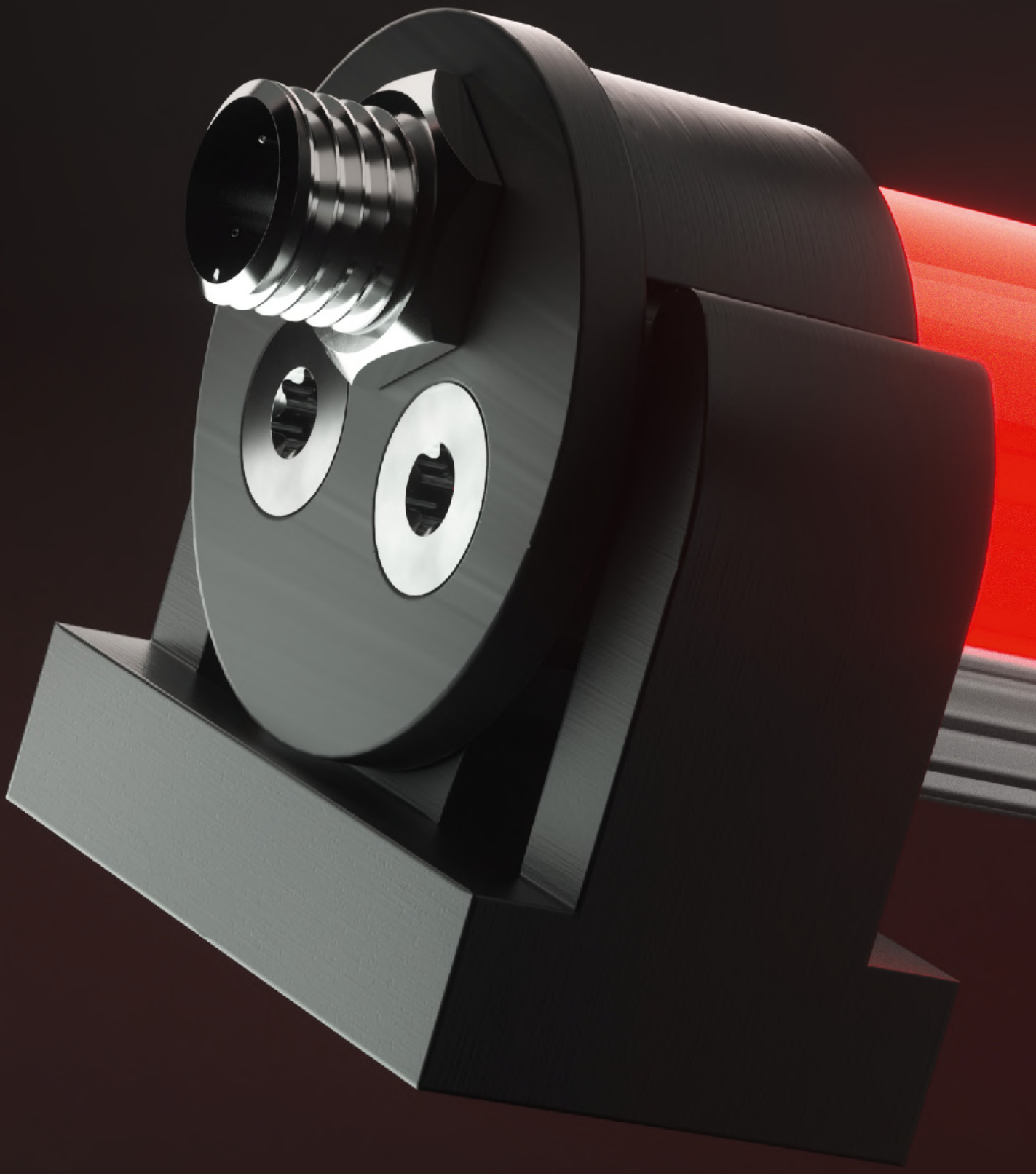
LED Aufbauleuchte ELN-RGBW
LED surface mounted luminaire ELN-RGBW



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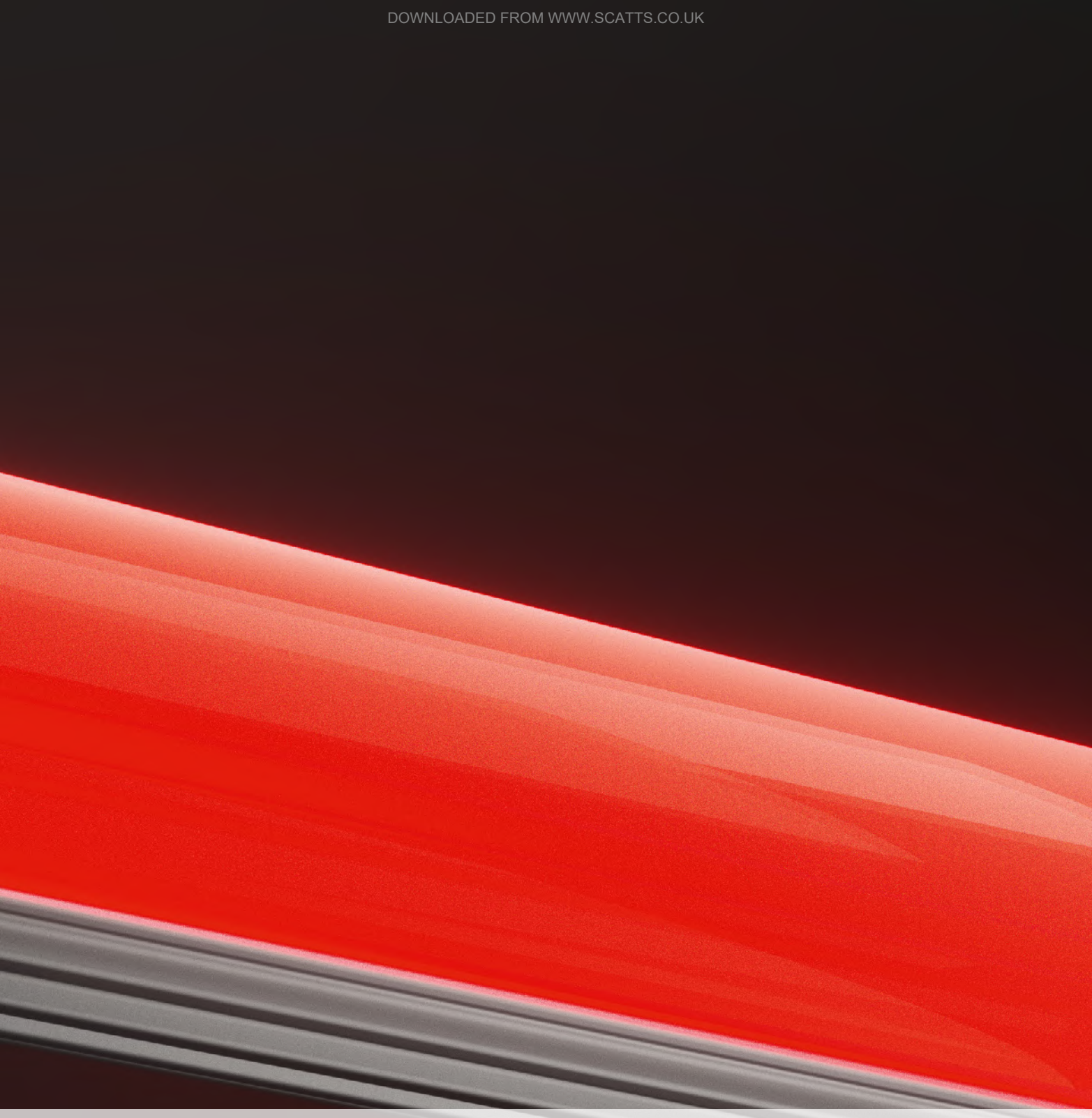

- 5.700K Lichttemperatur
- Zusätzliche RGB-LEDs für die Statusanzeige
- 7 mögliche Farben
- 4 verschiedene Längen
- Drehbare Halterung
- Durchschleifbar
- PMMA-Abdeckung
- Schutzart IP54

- 5.700K light temperature
- Additional RGB-LED chips for status indication
- 7 possible colors
- 4 different lengths
- Turnable mounting
- Loop through
- PMMA cover
- Protection class IP54

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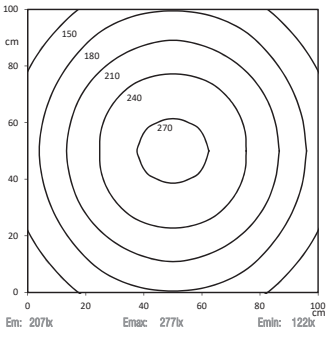
LED Aufbauleuchte ELN-RGBW
LED surface mounted luminaire ELN-RGBW

7 different color variations

Lichtverteilung | **Light distribution**

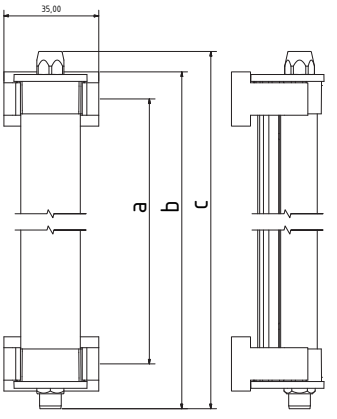
Lichtpunkthöhe | Metering distance: 100cm

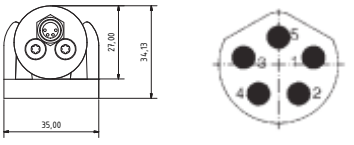
LED Aufbauleuchte ELN-RGBW 280
LED surface mounted luminaire ELN-RGBW 280



Dimensionierung | **Dimension**

Maximaler Schraubenkopfdurchmesser |
Maximum screw head diameter: ø 7,4 mm





7 mögliche Farben | **7 possible color**

red
green
blue
red+blue=magenta
red+green= yellow
blue+green= cyan
red+blue+green= white

Technische Daten | **Technical data**

Leistung: Power consumption:	9,4W, 18,8W, 28,2W,37,6 9,4W, 18,8W, 28,2W, 37,6W
Anschlusswert: Connected value:	24V DC (-10%/+15%) 24V DC (-10%/+15%)
Anschlussart Contact termination	M8 Steckverbinder* M8 connector*
Gehäuse: Housing:	Aluminium eloxiert, Kunststoffhalterung aluminium anodized, plastic mounting
Schutzart: Protection type:	IP54 IP54
Schutzklasse: Protection class:	III III
Abdeckung: Coverage	PMMA diffus safety glass diffuse
Farbtreue: Color fidelity:	Ra / CRI ≥ 80 Ra / CRI ≥ 80
Lebensdauer: Durability:	min. 60 000h min. 60 000h
Max. Umgebungs-temperatur: Max. ambient temperature:	45°C 45°C
Optik: Optics:	120° Ohne Optik 120° without optics
Belegung: Pin assignment:	1 = +24V ws | wh 2 = +24V rt | rd 3 = +24V gn | ge 4 = +24 V bl | bl 5 = 0V

Normen / Approbationen
Standards / Approvals

DIN EN 55015 (EMV)
DIN EN 61547 (EMV)
DIN EN 60598-1
DIN EN 62471

Maschinenbau | Medizintechnik | Erneuerbare Energien | Mobile Automation

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Sangel-Bezeichnung Sangel description	Katalognr. Catalogue no.	Länge Length	Abdeckung Cover	Anschlussart Contact termination	Lichtfarbe Color temperature	Leistung Power
ELN-RGBW 280 D-DIFF-0-M8-55	15070702	a: 290,0mm b: 317,5mm c: 325,0mm	PMMA diffus PMMA diffuse	M8 Steckverbinder* M connector*	5.700K	9,4W
ELN-RGBW 560 D-DIFF-0-M8-55	15070703	a: 570,0mm b: 597,5mm c: 605,0mm	PMMA diffus PMMA diffuse	M8 Steckverbinder* M8 connector*	5.700K	18,8W
ELN-RGBW 840 D-DIFF-0-M8-55	15070704	a: 850,0mm b: 877,5mm c: 885,0mm	PMMA diffus PMMA diffuse	M8 Steckverbinder* M8 connector*	5.700K	28,2W
ELN-RGBW 1120 D-DIFF-0-M8-55	15070705	a: 1130,0mm b: 1157,5mm c: 1165,0mm	PMMA diffus PMMA diffuse	M8 Steckverbinder* M8 connector*	5.700K	37,6W
ELN-RGBW 280 D-DIFF-0-M8D-55	15070706	a: 290,0mm b: 317,5mm c: 325,0mm	PMMA diffus PMMA diffuse	M8 Steckverbinder* M8 connector*	5.700K	9,4W
ELN-RGBW 560 D-DIFF-0-M8D-55	15070707	a: 570,0mm b: 597,5mm c: 605,0mm	PMMA diffus PMMA diffuse	M8 Steckverbinder* M8 connector*	5.700K	18,8W

Technische Änderungen vorbehalten. Lichtstrom und Lichtfarbe können variieren.
Specifications subject to change without notice. Luminous flux and light Color may vary.

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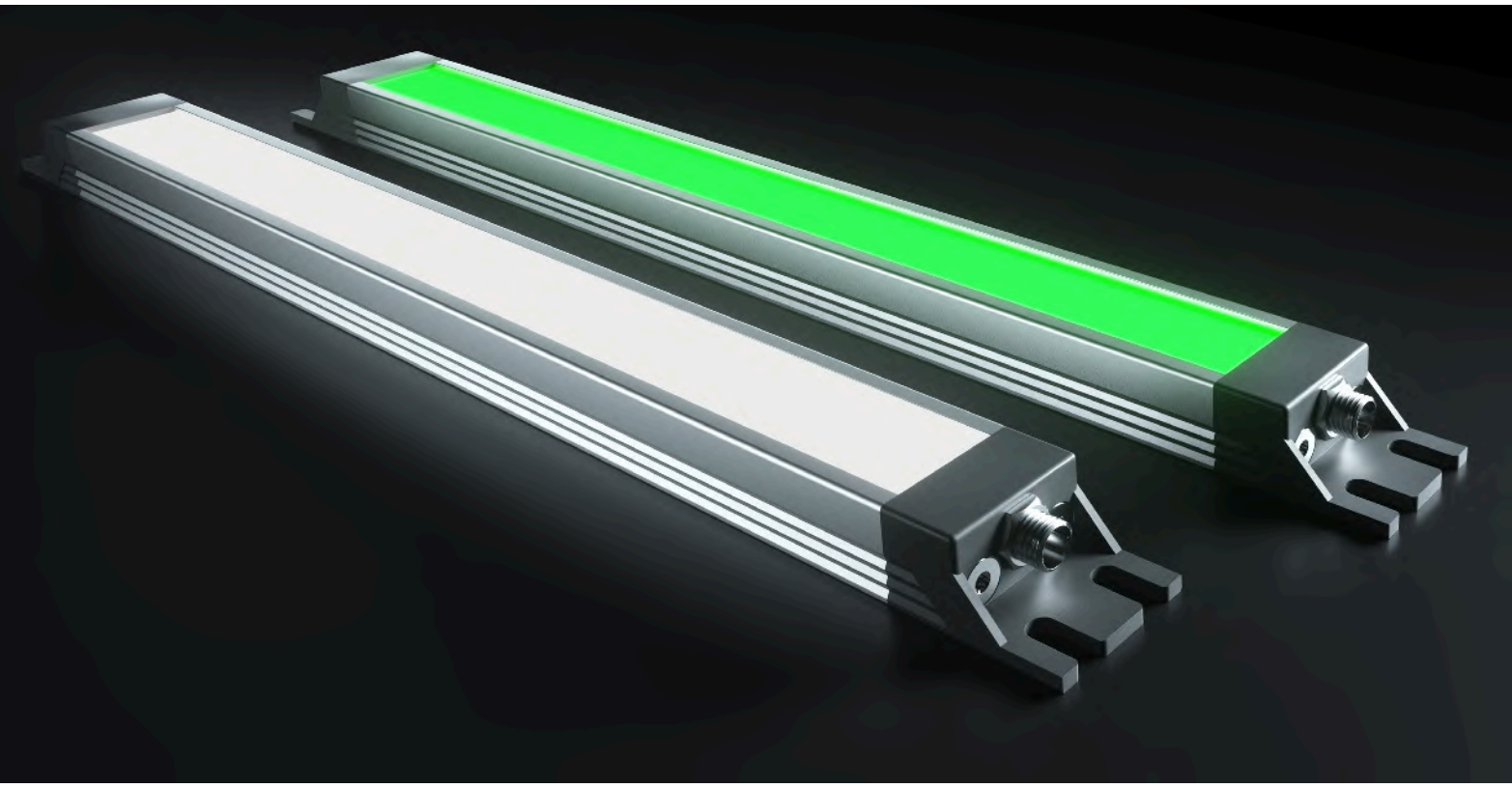

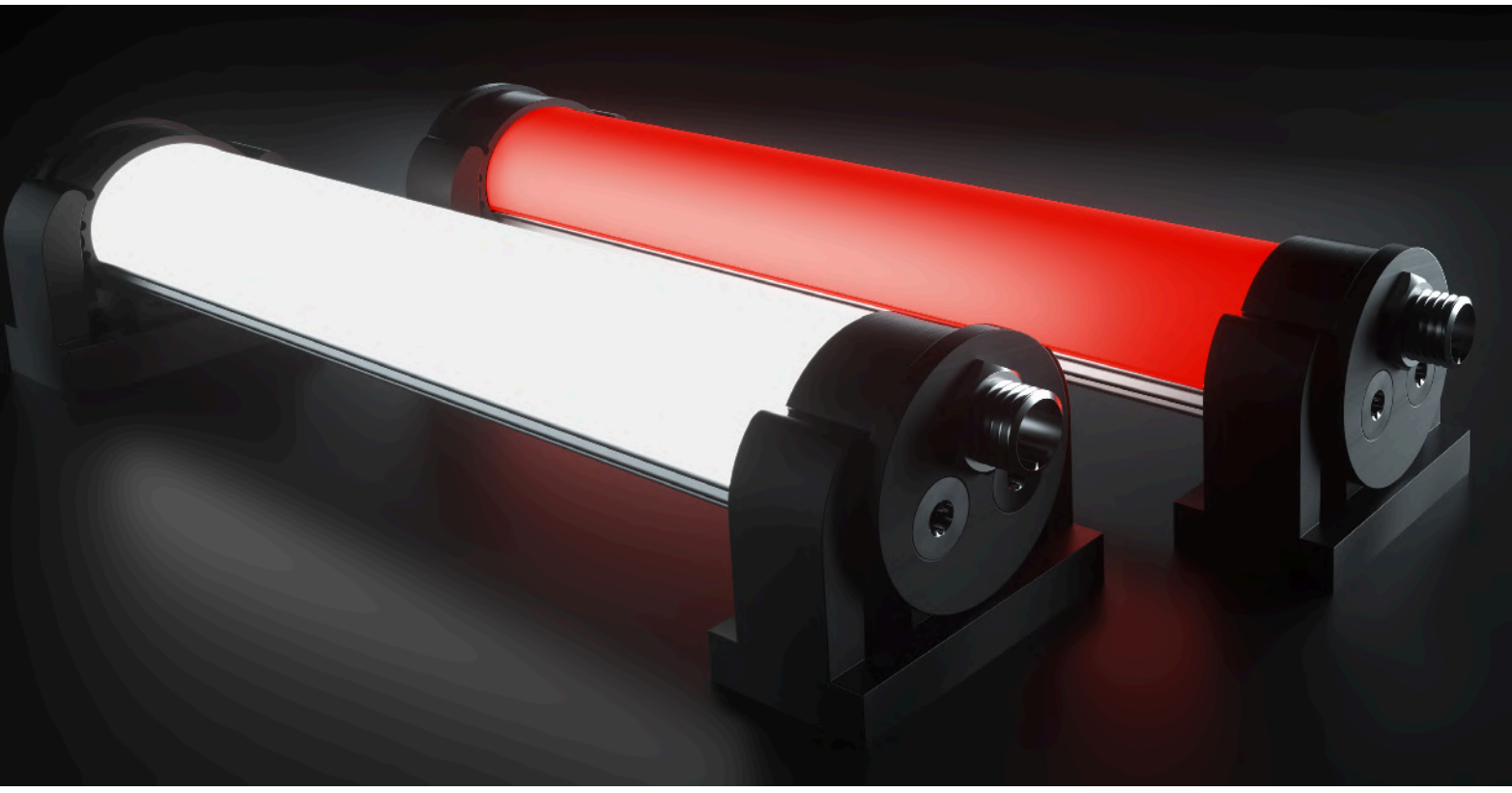

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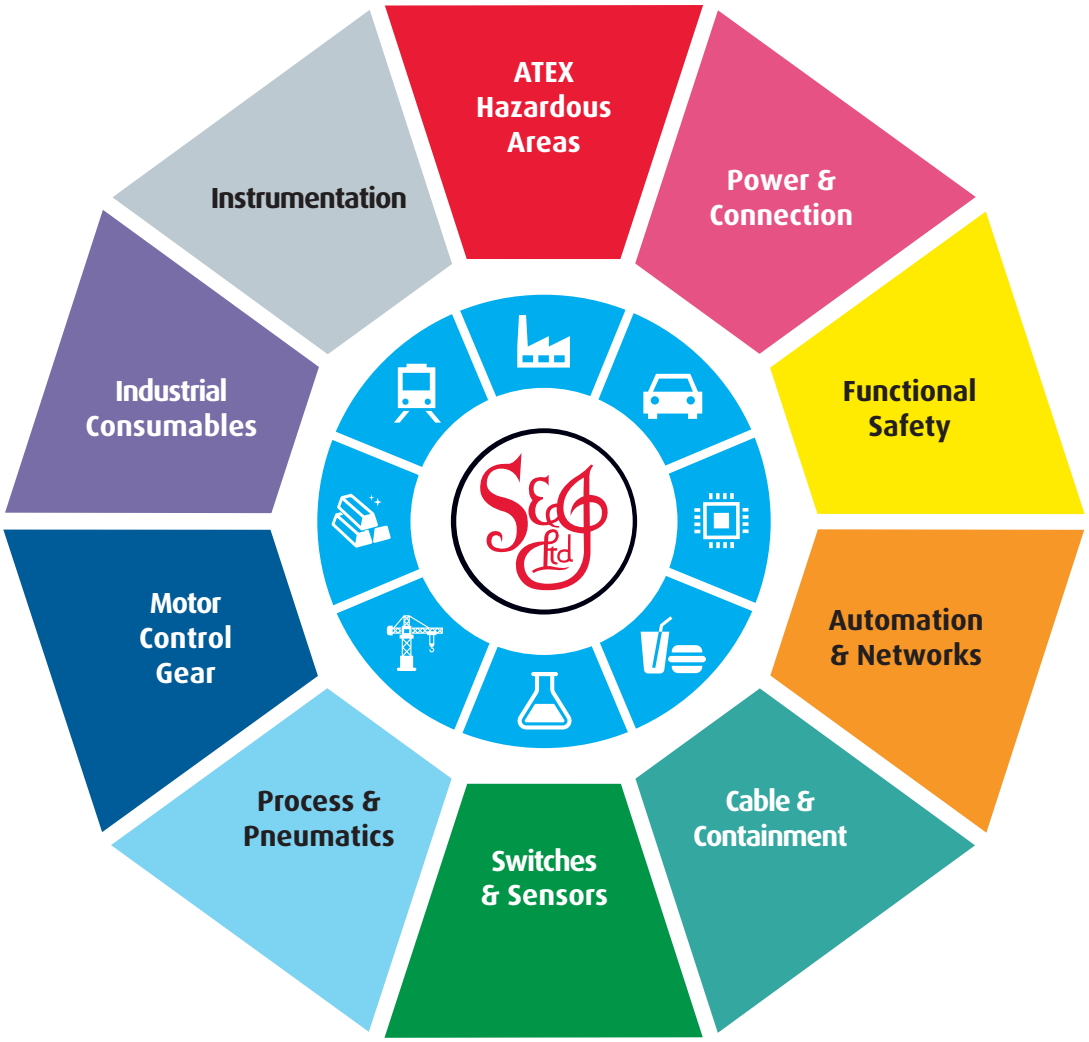

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