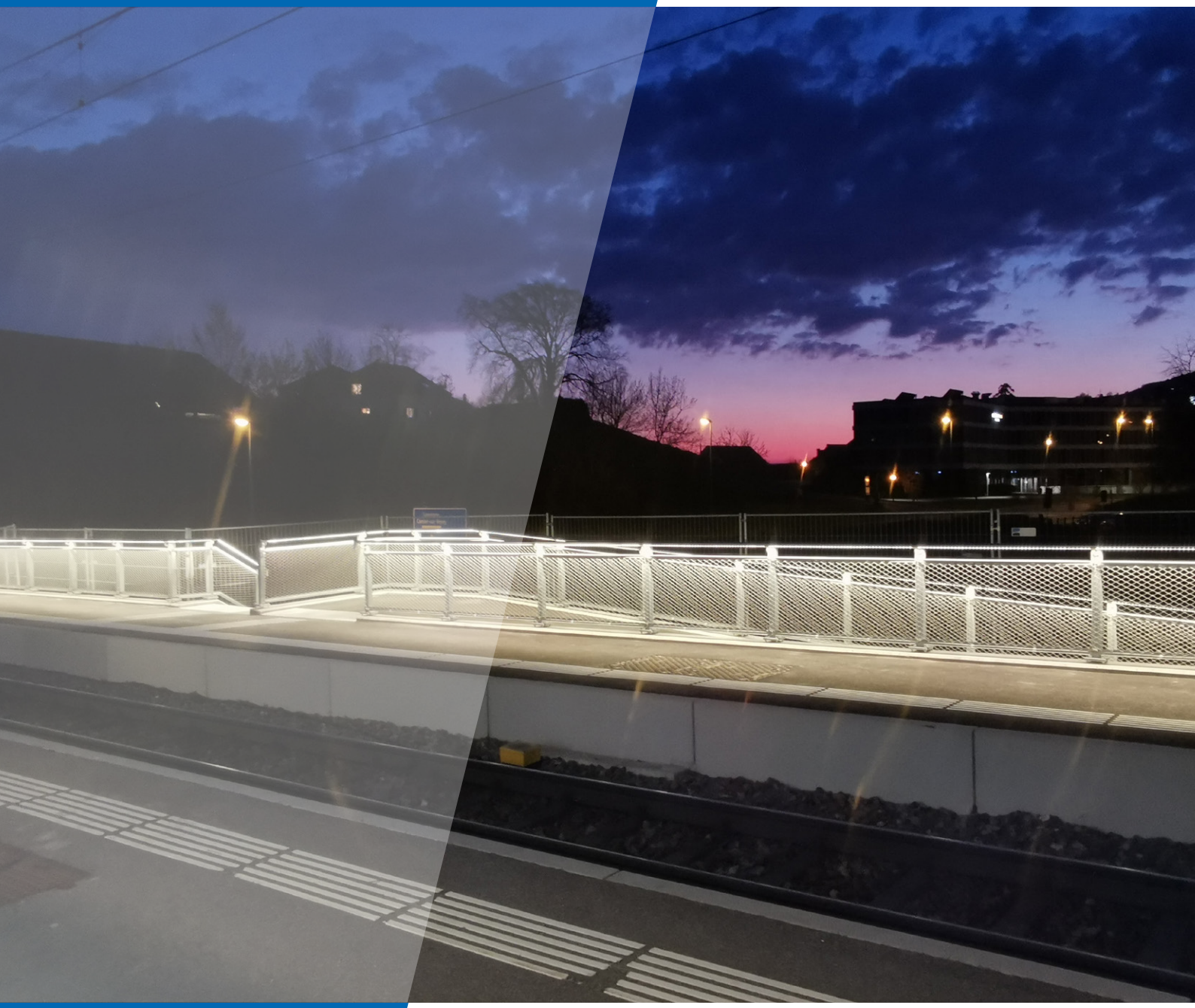
GIFAS ELECTRIC

SYSTEMATIC QUALITY



RAIL WORLD

Sustainable Power for Clear Paths.

GIFAS ELECTRIC stands for innovative and sustainable solutions in the field of electrical engineering, with a particular focus on construction sites, safety, traffic, industry, and municipal facilities. The philosophy of GIFAS ELECTRIC is to create lasting safety through dynamic processes.

Under the motto "Something that lasts," we emphasize collaborative partnerships with our customers and develop cost-effective solutions that ensure both efficiency and safety.
Lean processes and continuous improvement enable us to act flexibly and with a strong customer focus.
We distribute standard products through retail partners, allowing us to concentrate on customized project solutions.

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GIFAS ELECTRIC

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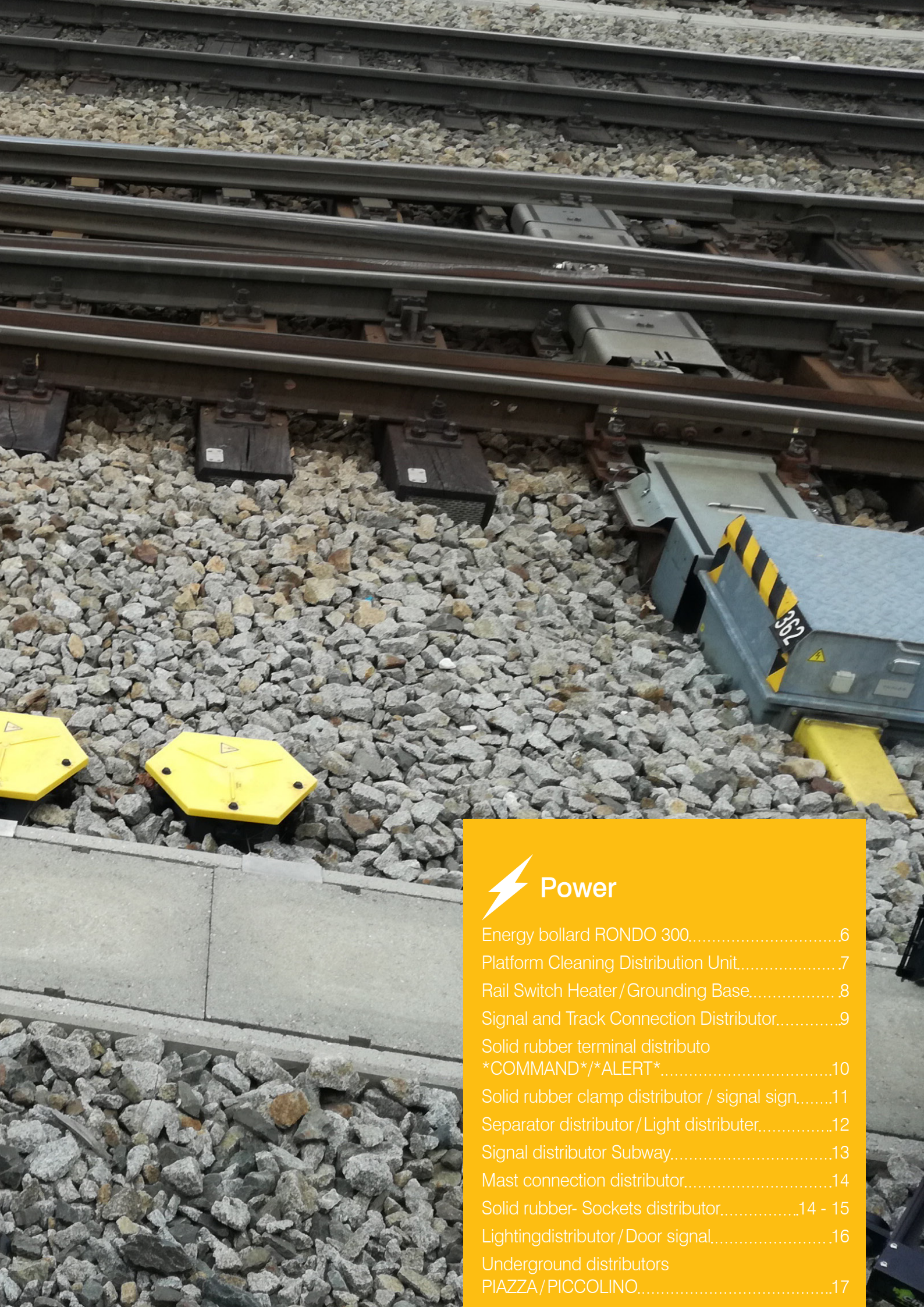

Power

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Platform Cleaning Distribution Unit 7
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RONDO 300 - stainless steel powder-coated

The bollard is mounted using a flange plate on a solid ground outlet (concrete base provided on-site) or on a bollard ground installation unit with rotation protection. Once installed and connected to the power supply, the bollard is immediately operational and ready for use.
It is made of high-quality stainless steel V2A. The surface is powder-coated with a textured outer layer in white aluminum and pine green, or available in silk-matte powder coating in all standard RAL colors.
Optional connections for water and wastewater can be integrated upon request.
The bollard door is lockable with a half-cylinder lock and can be opened up to 90°.
On the rear side, two half-shells are provided for winding extension cables.
The RONDO 300 has a diameter of 304 mm, a height of approximately 1200 mm, and a weight of around 45 kg.

RONDO 300 - Solid rubber junction boxes Series 3x3020

Dimensions
900 x 200 x 110 mm (H x W x D)

The housing is made of self-extinguishing butyl rubber, offering high resistance to oils, acids, and alkalis. All protective components are splash-proof, secured under impact-resistant Makrolon covers. Four wall-mounting points ensure complete protective insulation.

Equipment
2/Cable glands M40 (clamping range 18 - 32 mm)
1/Cable gland M20 with YF25 mm² green/yellow
3/Universal terminal blocks 50 mm²/2 grey
1/Universal terminal block 50 mm²/2 blue
1/Universal terminal block 35 mm² green/yellow

1/RCD 4pol. 63/0,1A type XF selective
1/RCD 4pol. 63/0,03A type XF G
1/MCB 3pol. 32A type C
1/MCB 3pol. 16A type C
3/MCB 1pol. 16A type C

1/Solid rubber CEE coupling 5x32A, 400V with 1.5 m Proflexx cable H07RN-F yellow 5x4.0 mm²
1/Solid rubber CEE coupling 5x16A, 400V with 1.5 m Proflexx cable H07RN-F yellow 5x2.5 mm²
3/Schuko sockets 16A, 230V with flap lid and enhanced sealing

EDP No.	Product ID No.
133672	ÖBB.RONDO.300.1500.V2A.PB.3.3020.319377.2020.01

RONDO 300 - stainless steel brushed

The bollard is mounted on a concrete base or a ground installation unit using a flange plate, and connected to the power supply. Once the internal distribution units are connected, the bollard is ready for operation.
The surface is made of brushed stainless steel (V2A), offering a sleek and modern appearance.
The water connection is provided on-site.
The lockable bollard door is equipped with a latch lock designed for a customer-supplied half-cylinder and a quarter-turn latch.
The interior features two supplied mounting reels (brackets) and a Velcro strap for organized cable storage.
The RONDO 300 has a diameter of 304 mm, a height of approximately 1500 mm, and a weight of around 45 kg.

RONDO 300 - Solid rubber junction boxes Series 2x2516

Dimensions
500 x 160 x 90 mm (H x W x D)

The housing is made of self-extinguishing butyl rubber, offering high resistance to oils, acids, and alkalis. All protective components are splash-proof, secured under impact-resistant Makrolon covers. Four wall-mounting points ensure complete protective insulation.

Equipment
1/Cable gland M32 (clamping range 14 - 25 mm)
1/Cable gland M25 (clamping range 9 - 18 mm)
1/Cable gland M16 (clamping range 3,5 - 10 mm) - water and heating
1/Cable gland M16 (clamping range 3,5 - 10 mm) - grounding for bollard

1/RCD 4pol. 63/0,03A type XF
1/MCB 3pol. 16A
3/MCB 1pol. 16A
1/MCB 1pol. 4A

1/CEE coupling 5x16A 400V
3/Schuko sockets 16A 230V with flap lid and enhanced sealin

EDP No.	Product ID No.
144374	RONDO.300.V4A.GEB.2.2516.1937.40.XF.1M32.1DW.3/4"
144389	RONDO.300.BODENTEIL.V4A.400X400.H100-150.01.M
141070	RONDO.300.BODENTEIL.V4A.400X400.H150-200.01.M

Platform – cleaning distributor

The platform cleaning distributor features a robust construction and versatile customization options.
The energy column is made of high-quality V2A stainless steel. The surface is powder-coated, with the desired color selectable upon request. The door is equipped with a lock case for a customer-supplied half-cylinder and a lockable rotary latch (triangular key).
The platform cleaning distributor has a height of 1500 mm, a width of 250 mm, and a depth of 200 mm.

Solid Rubber Installation Distributor Series 3x2516

Dimensions
160 x 750 x 90 mm (H x W x D)

The housing, made of vulcanized, self-extinguishing butyl rubber, is resistant to oils, acids, and alkalis, and is unaffected by welding and spark eruptions.The protective components are splash-proof and integrated under two impact-resistant, transparent Makrolon covers.

Equipment
1/Cable gland M32 (clamping range 14-25 mm)
1/Cable gland M16 (clamping range 3,5-10 mm)
1/Cable gland M12 with YF6 mm^2 for grounding
3/Universal terminal blocks 16 mm^2
1/Universal terminal block 16 mm^2 blue
1/Universal terminal block 16 mm^2 green/yellow

1/RCD 4pol. 40/0,1A type XF *selective*
1/RCD 4pol. 40/0,03A type XF *G*
1/MCB 3pol. 16A
1/MCB 1pol. 16A
1/MCB 1pol. 4A

1/Solid rubber CEE coupling 5x16A 400V
1/Schuko socket 16A 230V with lap lid and enhanced sealing
1/Ceiling bracket 3/4" with ball valve and 1.5 m self-regulating heating tape.
Water connection spatially separated from power supply connection.
1/Aluminum rail mounting plate for connecting 3 aluminum cables 100 mm^2 M16

EDP No.	Product ID No.
108458	ÖBB.V.1500.250.200.3.2516.19177.XF.UT.M32.ALU

All-rubber junction box for point heating

Type 6400 hexagonal

Model All-rubber junction box for point heating

Breakproof, impact resistant housing of vulcanized butyl rubber vibration absorbing all-rubber material with integrated all-rubber fitting blocks

- No condensation in case of strong temperature fluctuations
- Resistant against showers of emitted sparks
- Corrosion-resistant
- High resistance against UV radiation, ozone and atmospheric conditions
- Free of halogen and silicone
- Absolutely free of halogens
- Type of protection: IP65
- Protection class: II
- Impact Proof: IK10
- Glow wire test, IEC 60695-2-1 with 960°C (certificate)
- Needle flame test, DIN EN 60695-11-5; 2005-11
- TSI fire class rating „B“ EN 13501-1
- High voltage dielectric strength according to standard IEC 60243
- Yellow hinged covers of high quality plastic material equipped with integrated seal an non-slip ribbing.
- External locking blocks black made of high quality plastic.
- Locking plugs black made of high quality plastic.

The locking pins can be easily opened, but only with a tool and by means of a quarter-turn lock. Weather-resistant gaskets are installed between the lid and the locking blocks at the locking points.

Dimensions

diagonal 264 mm, hight 160 mm

Equipment

2/Cable glands M32 (clamping range 14-25 mm) with dummy discs
6/Cable glands M20 (clamping range 14-25 mm) with dummy discs

Cover Labelling

1x Electric lightning sign black in black triangle on yellow background
1x Point heating
3x Auf – Zu (open - close) at each locking plug

EDP No.	Product ID No.
840622	76.6400.WHZ.6M20.2M32.STEG.2013.01

A threaded socket is located on the underside of the housing for attaching standard grounding feet.

Ground foot

All-rubber junction box for point heating / Signal and track connection

Ground foot

- Hot-dip galvanized or plastic PA6
- Lenght 450 mm
- Point heating connection box and signal-clamping distributor KV-G90/95/98

EDP No.	Product ID No.
107405	ÖBB.ERDFUSS.450MM
840706	ERDFUSS.KUNSTSTOFF.PA6.GF30.SCHWARZ.EF170.450MM

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Signal and track connection

Solid rubber signal junction box, Series 2518 / 2612 / 2712

Breakproof, impact resistant housing of vulcanized butyl rubber vibration absorbing all-rubber material with integrated all-rubber fitting blocks

- No condensation in case of strong temperature fluctuations
- Resistant against showers of emitted sparks
- Corrosion-resistant
- High resistance against UV radiation, ozone and atmospheric conditions
- Free of silicone
- Absolutely free of halogens
- Type of protection: IP65
- Protection class: II
- Impact Proof: IK10
- Glow wire test, IEC 60695-2-1 with 960°C (certificate)
- Needle flame test, DIN EN 60695-11-5; 2005-11
- TSI fire class rating „B“ EN 13501-1
- High voltage dielectric strength according to standard IEC 60243
- Lid in yellow, made of high-quality plastic, with integrated double gasket and ribbing (anti-slip design)
- External locking blocks in black, made of high-quality plastic
- Locking pins in black, made of high-quality plastic

The locking pins can be easily opened, but only with a tool and by means of a quarter-turn lock. Weather-resistant gaskets are installed between the lid and the locking blocks at the locking points.

Cover Labelling

2x Auf – Zu (open - close) at each locking plug

Dimensions Series 2518

250 x 180 x 120 mm

Dimensions Series 2612

260 x 120 x 85 mm

Dimensions Series 2712

260 x 120 x 116 mm

Equipment Series 2518

1/Conical cable gland M32 including cut-out sealing ring with blind disc

4/Conical cable glands M25 with cut-out sealing ring thereof, 3 pieces are closed with dummy discs

2/Alloy bars prepared for mounting of each 2 pc. STV2/10

Equipment Series 2612/ Series 2712

3/Conical cable glands M25 with cut-out sealing ring thereof, 2 pieces are closed with dummy discs

1/Akuminium rail prepared for mounting of each 2 pc. STV2/10

Signal and track connection for axle counter

Solid rubber signal junction box Serie 1812

Breakproof, impact resistant housing of vulcanized butyl rubber vibration absorbing all-rubber material with integrated all-rubber fitting blocks

- No condensation in case of strong temperature fluctuations
- Resistant against showers of emitted sparks
- Corrosion-resistant
- High resistance against UV radiation, ozone and atmospheric conditions
- Free of silicone
- Absolutely free of halogens
- Dielectric strength 7kV / mm according to EN60243
- Classification Fire behaviour „B“ according to ÖNORM EN 13501-1 according to TSI (fire class)
- Pressure and suction tested for use in railway tunnel with high speed traffic up to 350 km / h according to TSI
- Cover off high-quality plastic in yellow, with inlaid seal
- Outer locking blocks black made of high-quality plastic
- Locking pin black made of high-quality plastic

The locking pins can be easily opened, but only with a tool and by means of a quarter-turn lock. Weather-resistant gaskets are installed between the lid and the locking blocks at the locking points.

Dimensions Series 1812

180 x 125 x 90 mm

Equipment Series 1812

3/Cable glands M20 (clamping range 7-14 mm) incl. sealing ring 5 mm and thrust ring and blind plug

8/Disconnect terminals STS 2,5-MT grey, labeled 1-8, on DIN rail

Incl. 2/holes for mounting on ground foot

EDP No.	Product ID No.
840658	1812.8STS2,5-MT.3M20.METR.5MM.RLY.01

Signal and track connection	
EDP No.	**Product ID No.**
840585	2518.KV90.98.2.ALUSCHIENEN
840588	2612.KV-G95
840587	2712.KV-G98

Solid rubber terminal distributor for switchgear

Solid rubber terminal distributor Switchgear *COMMAND* Series 7800
ÖVE-tested

Dimensions
500 x 360 x 133 mm (W x H x D)

Model
Breakproof, impact resistant housing of vulcanized butyl rubber vibration absorbing all-rubber material with integrated all-rubber fitting blocks

- Vibration-absorbing solid rubber material
- No condensation in case of strong temperature fluctuations
- Resistant against showers of emitted sparks
- Corrosion-resistant
- High resistance against UV radiation, ozone and atmospheric conditions
- Free of halogen and silicone
- Self-extinguishing (needle flame test according to DIN EN 60695-11-5

Equipment
1/Cable gland M40 (clamping range 18-32 mm)
10/Cable glands M20 (clamping range 7-14 mm) incl. blind plugs
12/Universal tension spring clamps STTB 2,5 mm²
6/Universal tension spring clamps ST 2,5 mm² QUATTRO blue

With 2 aluminum brackets on the back of the housing, adjustable for profiles 170 - 200 mm, with mounted C-rail for strain relief.

EDP No.	Product ID No.
840624	ÖBB.7800.12STTB2,5.6ST2,5.11KV.10BST.BEF.2017.01

Solid rubber terminal distributor Switchgear *ALERT* Series 7800
ÖVE-tested

Dimensions
500 x 360 x 133 mm (W x H x D)

Model
Breakproof, impact resistant housing of vulcanized butyl rubber vibration absorbing all-rubber material with integrated all-rubber fitting blocks

- Vibration-absorbing solid rubber material
- No condensation in case of strong temperature fluctuations
- Resistant against showers of emitted sparks
- Corrosion-resistant
- High resistance against UV radiation, ozone and atmospheric conditions
- Free of halogen and silicone
- Self-extinguishing (needle flame test according to DIN EN 60695-11-5

Equipment
1/Cable gland M40 (clamping range 18-32 mm)
10/Cable glands M20 (clamping range 7-14 mm) incl. blind plugs
12/Universal tension spring clamps STTB 2,5 mm²
6/Universal tension spring clamps ST 2,5 mm² QUATTRO blue

With 2 aluminum brackets on the back of the housing, adjustable for profiles 170 - 200 mm, with mounted C-rail for strain relief.

EDP No.	Product ID No.
840625	ÖBB.7800.12STTB2,5.6ST2,5.11KV.10BST.ME.2017.01

Solid rubber - Clamp distributor

Breakproof, impact resistant housing of vulcanized butyl rubber vibration absorbing all-rubber material with integrated all-rubber fitting blocks

- Vibration-absorbing solid rubber material
- No condensation in case of strong temperature fluctuations
- Resistant against showers of emitted sparks
- Corrosion-resistant
- High resistance against UV radiation, ozone and atmospheric conditions
- Free of halogen and silicone
- Self-extinguishing (needle flame test, DIN EN 60695-11-5; 2005-11)
- Glow wire test, IEC 60695-2-1 with 960°C (certificate)
- TSI fire class rating „B“ EN 13501-1
- High voltage dielectric strength according to standard IEC 60243
- ÖVE tested

Solid rubber - Clamp distributor 50 Trough

Dimensions
360 x 500 x 133 mm (W x H x D)

Equipment
2/Cable glands M50 (clamping range 24-38,5 mm)
1/Cable gland M32 (clamping range 14-25 mm)
8/Universal terminal blocks 50 mm² vibration-resistant
1/LBS 3pol. 35A
4/Terminal blocks 16 mm²
2/End angle

EDP No.	Product ID No.
71528	ÖBB.7800.8UKH50.4UK16.3M.2003.02
71532	ÖBB.7800.8UKH95.4UT16.KLAD.1M32.2M50.1BST.02

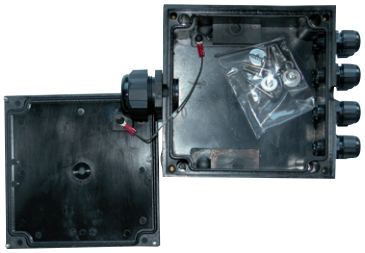
Clamp distributor Lights and buttons

Dimensions
300 x 200 x 110 mm (W x H x D)

Equipment
3/Cable glands M32(clamping range 14-25 mm)
1/Cable gland M25 (clamping range 9-18 mm)
3/Cable glands M20 (clamping range 7-14 mm)
1/Cable gland M16 (clamping range 3,5-10 mm)
4/Universal terminal blocks 10 mm²
1/Universal grounding terminal 16 mm²
4/Universal tension spring clamps 2,5 mm²
3/Universal ground terminal 2,5 mm²
6/Universal tension spring clamps 1,5 mm² Quattro
1/LBS 3pol. 6A

EDP No.	Product ID No.
71534	ÖBB.3020.4UK10.5ST2,5.KLAD.2003

Clamp distributor signal sign right + left



Clamp distributor signal sign right + left
ÖVE tested

Dimensions
160 x 160 x 90 mm (W x H x D)

Model
Breakproof, impact resistant housing of vulcanized butyl rubber vibration absorbing all-rubber material with integrated all-rubber fitting blocks

- Vibration-absorbing solid rubber material
- No condensation in case of strong temperature fluctuations
- Resistant against showers of emitted sparks
- Corrosion-resistant
- High resistance against UV radiation, ozone and atmospheric conditions
- Free of halogen and silicone
- Self-extinguishing (needle flame test, DIN EN 60695-11-5; 2005-11)
- Glow wire test, IEC 60695-2-1 with 960°C (certificate)
- TSI fire class rating „B“ EN 13501-1
- High voltage dielectric strength according to standard IEC 60243

Equipment
1/Cable gland M32 (clamping range 14-25 mm)
8/Cable glands M16 hereof 4 Pieces with dummy discs
1/Fuse cable for cover
2/Rubber pads for fixing of the clamping block (Screws for rail fastening included)
4/Screw threads M6x12 on the back of the housing for attachment to the signal sign
1/Mounting screw kit included:
4 Cylinder screws M6x16 VA, 4 Washers M6 VA, 4 Snap rings M6 VA

EDP No.	Product ID No.
133398	ÖBB.1616.MZB1,5.1M12.DRU.8M16.1M32.GR.RECHTS
133404	ÖBB.1616.MZB1,5.1M12.DRU.8M16.1M32.GR.LINKS

08/2025/1.0

Disconnector distributor

Solid rubber boxes Series 7900
ÖVE tested

- Housing made of vulcanized, self-extinguishing butyl rubber.
- Free of halogen and silicone
- UV-resistant and resistant to oils, various acids, and alkalis
- Resistant to welding sparks and splatter
- Equipped with T-handle and latch lock for on-site half-cylinder
- Lockable Makrolon door, hinged on the right side

Dimensions
360 x 500 x 173 mm (W x H x D)

Equipment
3/Cable glands with shrink part 28,5/12,7 mm
3/Cable glands M32 (clamping range 14-25 mm)
1/NH isolator size 01 (without cartridges)
1/Knife Disconnector

EDP No.	Product ID No.
117714	ÖBB.79T.1NH01.2DR.T-GR.RIEGEL.3M32.3CES3.ALU
117286	ÖBB.7800T.3800.1NH02.2DREHR.3M32.3CES3.ALU.02

Light distributor

Lighting terminal box for switchgear frame
Solid rubber boxes Series 3020 incl. mounting plate V2A

With 4 welded nuts M16 for attachment in the steel mast as well as with a rain cover.

Bestückung
3/Cable glands M20 (clamping range 7-14 mm) incl. blind plugs
1/Cable gland M16 (clamping range 3,5-10 mm) incl. blind plugs
2/Universal terminal blocks 2,5 mm²
2/Universal terminal blocks 2,5 mm² blue
2/Universal grounding terminal 2,5 mm²
1/Universal grounding terminal 16 mm²
1/RCBO 2pol. 16/0,1A *C*
1/Off switch 0-1 with retraction (with engraving light)
1/Contactor
1/Time relay 3h

EDP No.	Product ID No.
840623	ÖBB.3020.SCHALTGERÜST.2017.01

Signal distributor Subway

Signal distributor single

Signal distributor NOT – Left with provided LED light
Housing with front panel (plastic PA6) incl. 1/Twist lock

Dimensions
approx. 260 x 190 x 148 mm

Equipment
1/Cable gland M25 with hose screw PG21 *at the bottom*
10/Universal teminal blocks 4 mm²
1/Traffic light reflector
1/Holder for reflector
1/Lamp mounting plate
1/Lamp lense clear
1/Sealing ring
1/Transformer mounting

Signal distributor NOT – Right with provided LED light
Housing with front panel (plastic PA6) incl. 1/Twist lock

Dimensions
approx. 260 x 190 x 148 mm

Equipment
1/Cable gland M25 mit Schlauchverschraubung PG21 *at the bottom*
10/Universal teminal blocks 4 mm²
1/Traffic light reflector
1/Holder for reflector
1/Lamp mounting plate
1/Lamp lense clear
1/Sealing ring
1/Transformer mounting

EDP No.	Product ID No.
89487	SIGNALVERTEILER.01.NOT.LED.LINKS
86028	SIGNALVERTEILER.01.NOT.LED.RECHTS

Signal distributor double

Signal distributor FES – Left with provided LED light
Housing with front panel (plastic PA6) incl. 2/Twist lock

Dimensions
approx. 470 x 190 x 148 mm

Equipment
1/Cable glands M25 with hose screw PG21 *at the bottom*
7/Universal teminal blocks 4 mm²
2/Traffic light reflector
2/Holder for reflector
2/Lamp mounting plate
2/Lamp lense clear
2/Sealing ring
1/Transformer mounting

Signal distributor FES – Right with provided LED light
Housing with front panel (plastic PA6) incl. 2/Twist lock

Dimensions
approx. 470 x 190 x 148 mm

Equipment
1/Cable gland M25 mit Schlauchverschraubung PG21 *at the bottom*
7/Universal teminal blocks 4 mm²
2/Traffic light reflector
2/Holder for reflector
2/Lamp mounting plate
2/Lamp lense clear
2/Sealing ring
1/Transformer mounting

EDP No.	Product ID No.
89488	SIGNALVERTEILER.01.FES.LED.LINKS
86143	SIGNALVERTEILER.01.FES.LED.RECHTS

Mast connection distributor

EDP No.115545

EDP No.115546

- Body made of vulcanized, break and impact resistant butyl rubber
- Vibration-absorbing solid rubber material
- No condensation of condensation with stable temperature fluctuations
- Insensitive to sweat and sparks
- Corrosion-resistant
- UV, - ozone and weathering resistance
- Free of halogen and silicone
- Self-extinguishing
  (needle flame test according to DIN EN 60695-11-5; 2005-11)
- Glow wire test, IEC 60695-2-1 mit 960°C (certificate)
- TSI fire class rating „B“ EN 13501-1
- High voltage dielectric strength according to standard IEC 60243
- ÖVE tested

Including cross-connectors and end plates.
2/control wires for connection to the respective L-terminals

Mounted on aluminum mounting plate (600x200x4 mm), incl. 2/C-rails and 2/mounting holes.

With 2/plastic spacer strips (H: 15 mm, W: 20 mm) between solid rubber enclosure and aluminum mounting plate

Mast connection distributor – 2 cable, 2 Light outlets

Dimensions
300x200x110mm (HxWxD)

Equipment

2/Cable glands M32 (clamping range 14-25 mm) *at the bottom*
2/Cable glands M20 (clamping range 7-14 mm) *at the bottom*
6/Universal tension spring clamps 16 mm²
2/Universal tension spring clamps 16 mm² blue
2/Universal tension spring clamps 4 mm²
2/Fuse Terminals 14N with 6A Neozed Fuse

EDP No.	Product ID No.
115545	ÖBB.3020.MASTVERTEILER.58.WM.SW.ALU.UNTEN

Mast connection distributor – 3 cable, 3 Light outlets

Dimensions
300x200x110mm (HxWxD)

Equipment

3/Cable glands M32 *at the bottom*
2/Cable glands M20 *at the bottom*
6/Universal tension spring clamps 16 mm²
3/Universal tension spring clamps 16 mm² blau
2/Universal tension spring clamps 4 mm²
2/Fuse Terminals USEN14N with 6A Neozed Fuse

EDP No.	Product ID No.
115546	ÖBB.3020.MASTVERTEILER.60.WM.SW.ALU.UNTEN

Solid rubber distributor with stainless steel stand

Solid rubber socket combination Series 7800 with rain cover, mounted on stainless steel stand (V2A grade)

- Body made of vulcanized, break and impact resistant butyl rubber
- Vibration-absorbing solid rubber material
- No condensation of condensation with stable temperature fluctuations
- Insensitive to sweat and sparks
- Corrosion-resistant
- UV, - ozone and weathering resistance
- Free of halogen and silicone
- Self-extinguishing
  (needle flame test according to DIN EN 60695-11-5; 2005-11)
- Glow wire test, IEC 60695-2-1 mit 960°C (certificate)
- TSI fire class rating „B“ EN 13501-1
- High voltage dielectric strength according to standard IEC 60243
- ÖVE tested

Distribution box dimensions
500x360x133 mm (HxBxD)

Stand dimensions
H 1000mm (to bottom of distributor)

Equipment

3/Universal terminal blocks 16 mm²
1/Universal terminal block 16 mm² blue
1/Universal grounding terminal 16mm²
1/Universal grounding terminal 50mm²

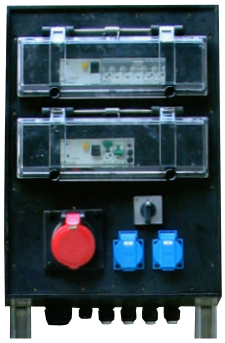
1/RCD 4pol. 63/0,1A Typ XF *selective*
1/RCD 4pol. 63/0,03A Typ XF
2/MCB 3pol. 32A
2/MCB 3pol. 16A
2/MCB 1pol. 16A

2/ Solid rubber CEE-sockets 5x32A 400V
2/ Solid rubber CEE-sockets 5x16A 400V
2/ Schuko sockets, 16A 230V with flap lid and enhanced sealing

EDP No.	Product ID No.
81451	ÖBB.7833119277.63.HF.UK.STÄNDER.VA.F&G

Distributor completely mechanically constructed and ready for connection

Solid rubber distributor



- Body made of vulcanized, break and impact resistant butyl rubber
- Vibration-absorbing solid rubber material
- No condensation of condensation with stable temperature fluctuations
- Insensitive to sweat and sparks
- Corrosion-resistant
- High UV, ozone and weather resistance
- Silicon free
- Absolutely halogen-free
- Self-extinguishing (needle flame test, DIN EN 60695-11-5; 2005-11)
- Glow wire test, IEC 60695-2-1 with 960°C (certificate)
- TSI fire class rating „B“ EN 13501-1
- High voltage dielectric strength according to standard IEC 60243
- ÖVE tested

Socket outlet distributor for Tunnels > 500m
Solid rubber sockets outlet distributor with mounting frame 1650 mm

Dimensions
500 x 360 x 133 mm (H x W x D)

Equipment
1/Cable gland M32 - (clamping range 14-25 mm)
4/Cable glands M20 - (clamping range 7-14 mm)
1/Cable gland M16 - (clamping range 3,5-10 mm)
4/Terminal blocks 16 mm² (L, N)
1/Universal ground terminal block 16 mm²
1/Solid rubber CEE-socket 5x16A 400V
2/Schuko sockets 16A 230V with flap lid and enhanced sealing
3/Universal tension spring clamps 2,5 mm² Quattro (L, N, PE)
1/Timer relay 3h
1/Push-button
3/Universal tension spring clamps 2,5 mm² (L, N. PE)
2/End brackets

1/RCD 4pol. 63/0,3A *selective*
1/RCD 4pol. 40/0,03A Type G/A
1/MCB 3pol. + N 16A
2/MCB 1pol. + N 16A
2/MCB 1pol. + N 6A

EDP No.	Product ID No.
74211	ÖBB.781927.0,03.XF.G.UT16.ALU.V.2004.01

Distributor completely mechanically constructed and ready for connection

Socket outlet distributor for Tunnels > 500m
Solid rubber sockets outlet distributor with mounting frame 1650 mm

Dimensions
500 x 360 x 133 mm (H x W x D)

Equipment
1/ Cable gland M32 - (clamping range 14-25 mm)
5/ Cable glands M20 - (clamping range 7-14 mm)
1/ Cable gland M16 - (clamping range 3,5-10 mm)
4/ Terminal blocks 16 mm² (L, N)
1/ Universal ground terminal block 16 mm²
1/ Solid rubber CEE-socket 5x32A 400V
1/ Solid rubber CEE-socket 5x16A 400V
2/ Schuko sockets 16A 230V with flap lid and enhanced sealing
3/ Universal tension spring clamps 2,5 mm² Quattro (L, N, PE)
3/ Universal tension spring clamps 2,5 mm² (L, N, PE)
1/ Timer relay 3h
1/ Push-button
3/ Universal tension spring clamps 4 mm² (L, N. PE)
3/ End bracke ts

1/ RCD 4pol. 63/0,3A *selective*
1/ RCD 4pol. 40/0,03A Type G/A
1/ MCB 3pol. + N 32A
1/ MCB 3pol. + N 16A
1/ MCB 1pol. + N 20A
2/ MCB 1pol. + N 16A
2/ MCB 1pol. + N 6A

EDP No.	Product ID No.
71538	ÖBB.7831927.0,03.XF.G.UT16.ALU.V.2003.05

Distributor completely mechanically constructed and ready for connection

Lighting distributor

- Body made of vulcanized, break and impact resistant butyl rubber
- Vibration-absorbing solid rubber material
- No condensation of condensation with stable temperature fluctuations
- Insensitive to sweat and sparks
- Corrosion-resistant
- High UV, ozone and weather resistance
- Silicon free
- Absolutely halogen-free
- Self-extinguishing (needle flame test, DIN EN 60695-11-5; 2005-11)
- Glow wire test, IEC 60695-2-1 with 960°C (certificate)
- TSI fire class rating „B“ EN 13501-1
- High voltage dielectric strength according to standard IEC 60243
- ÖVE tested

Lighting distribution unit in solid rubber housing with mounting rack "short"

Dimensions
250 x 360 x 133 mm (H x W x D)

Equipment
2/Illuminated pushbuttons (1 Pc. left and right) LED
1/Cable gland M20 (clamping range 7-14 mm)
6/Universal tension spring clamps 2,5 mm²
1/End cover
2/End brackets

EDP No.	Product ID No.
79488	ÖBB.2516.2TA.6ST2,5.1M20.ALU.2006.RV.01
79487	ÖBB.2516.2TA.6ST2,5.1M20.ALU.2006.RV.02

Lighting distribution unit in solid rubber housing with mounting rack "long"

Dimensions
250 x 360 x 133 mm (H x B x T)

Equipment
1/Cable gland M25 (clamping range 9-18 mm)
3/Cable gland M16 (clamping range 7-14 mm)
3/Universal tension spring clamps 2,5 mm² Quattro (L1, L2, L3)
1/Universal tension spring clamp 2,5 mm² Quattro (N)
1/Universal tension spring clamp 2,5 mm² Quattro
6/Universal tension spring clamps 2,5 mm²
2/End brackets
Flat-rate installation of 3 customer-supplied electronic transformers

EDP No.	Product ID No.
71540	ÖBB.3800.3TRAFO.ALU.LICHT.TP.2003.02
71539	ÖBB.3800.3TRAFO.ALU.LICHT.TP.2003.01

Distributor completely mechanically constructed and ready for connection

Door signal

Solid rubber housing Series 1212 for tunnel gate display
ÖVE tested

- Body made of vulcanized, break and impact resistant butyl rubber
- Vibration-damping solid rubber material with integrated solid rubber mounting blocks
- No condensation of condensation with stable temperature fluctuations
- Insensitive to sweat and sparks
- Corrosion-resistant
- High UV, ozone and weather resistance
- Silicon free
- Absolutely halogen-free
- TSI fire class rating „B“ EN 13501-1
- Dielectric strength 7kV/mm

Dimensions
125 x 125 x 76 mm (H x W x D)

Equipment
1/Cable gland M25 (clamping range 9-18 mm) incl. blind plugs
1/Cable gland M20 (clamping range 7-14 mm) incl. blind plugs
5/Universal terminal blocks 2,5 mm² Quattro
1/LED indicator light 24VDC green
1/LED indicator light 24VDC red

EDP No.	Product ID No.
120616	ÖBB.1212.2LM.RT.GN.5ST2,5.GRAVUR.2KV.2BST.01

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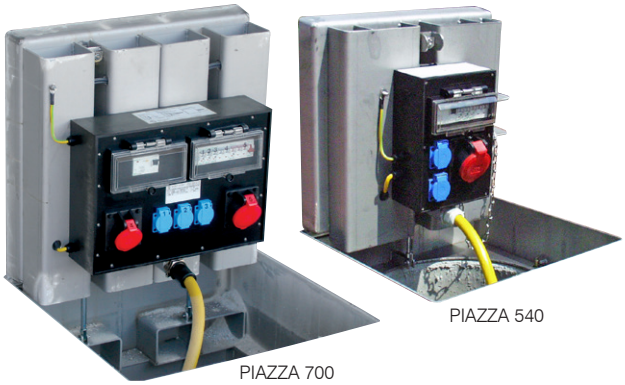
Underground distributors - PIAZZA



PIAZZA 540

PIAZZA 700

- The shaft cover is locked using two sunk, lid-level, rust-proof M10 socket screws (closing tool is included in the scope of delivery)
- Fillable cable outlet insert installed in the manhole cover frame.
- The cover tray can be filled individually.
- There is a self-regulating heating tape installed within the shaft cover in order to ensure smooth opening even in freezing temperatures.

The manhole cover construction is not resistant to surface water ingress; therefore, adequate drainage of the shaft must be provided on site.

Excavation work, proper and standard-compliant installation of the structure, as well as filling of the tray, must also be carried out on site. Electrical connections must be performed by a licensed electrical contractor.

The stainless steel structure with fillable manhole cover is delivered pre-assembled on a concrete shaft, including main and terminal distribution boxes, ready for connection.

PIAZZA 700

Dimensions

310 x 700 x 700 mm (H x W x D)

The load capacity is D 400 kN, the cable outlet measures 130 x 100 mm and the cover tray has a depth of 70 mm.

Documentation available upon request!

PIAZZA 540

Dimensions

146 x 540 x 540 mm (H x W x D)

The load capacity is D 400 kN, the cable outlet measures 60 x 40 mm and the cover tray has a depth of 50 mm.

Documentation available upon request!

Underground distributors - PICCOLINO

- Robust, and easy and safe to operate
- For electrical connections
- Cover and frame made of stainless steel
- The cover surface is made of non-slip checker plate or cross-ground sheet metal (slip resistance class R13) and can be filled upon request.
- The lid is locked using a sunk, lid-level stainless steel casement fastener square, 8 mm (2 keys are included in the scope of delivery)
- Load class C (250kN)
- A cable outlet opening for cables up to 20 mm in diameter is provided in the shaft lid
- Accessible and trafficable even during operation.
- Configuration according to customer requirements, with Schuko socket (IP68) or CEE socket (IP67)
- High level of safety in operation due to the reclosing after startup. This means optimum safety for pedestrians, as well as moving and stationary traffic and protection against unauthorized access

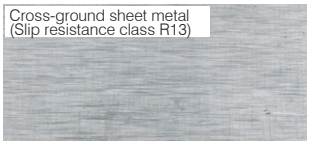
PICCOLINO 200

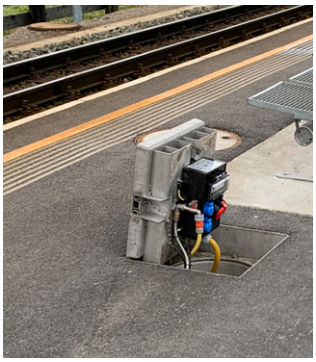
Dimensions

400 x 180 x 200 mm (H x W x D)

The load capacity is class C 250 kN, the cable outlet is suitable for cables up to 25 mm in diameter, and the recessed stainless steel locking mechanism features an 8 mm square cam latch with two keys.

Documentation available upon request!





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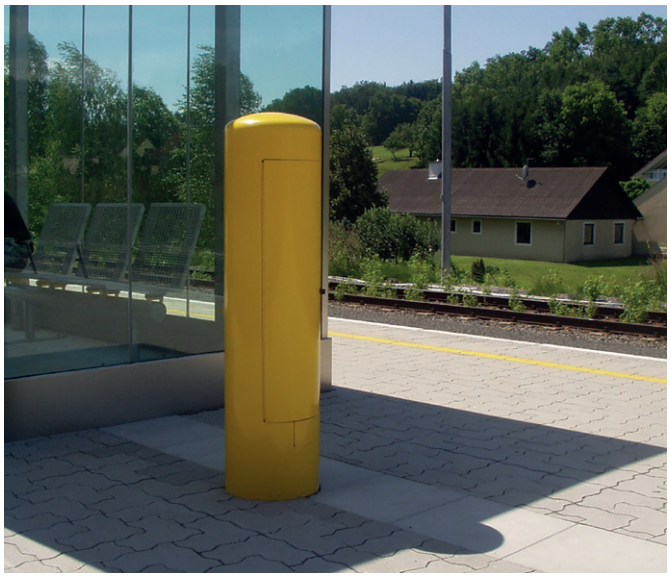
Application examples



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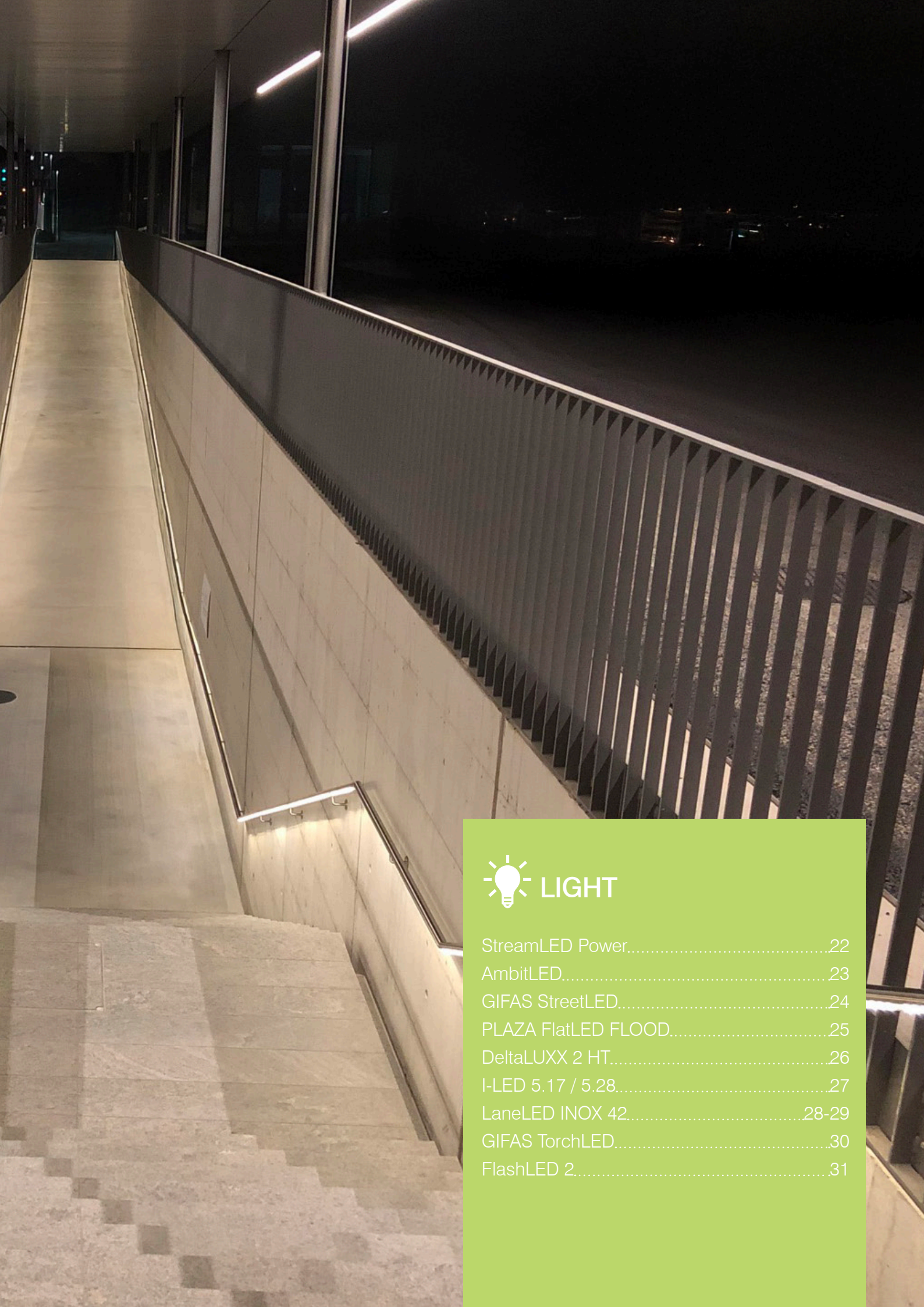

LIGHT

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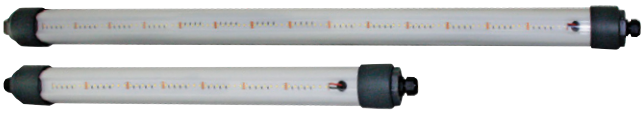
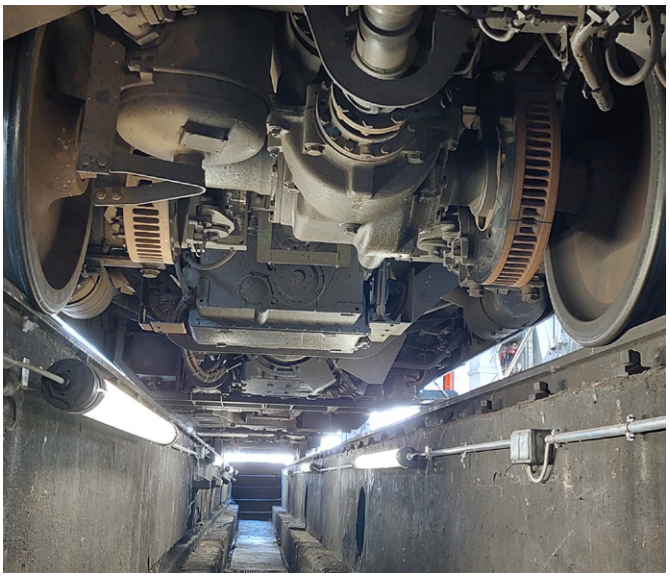
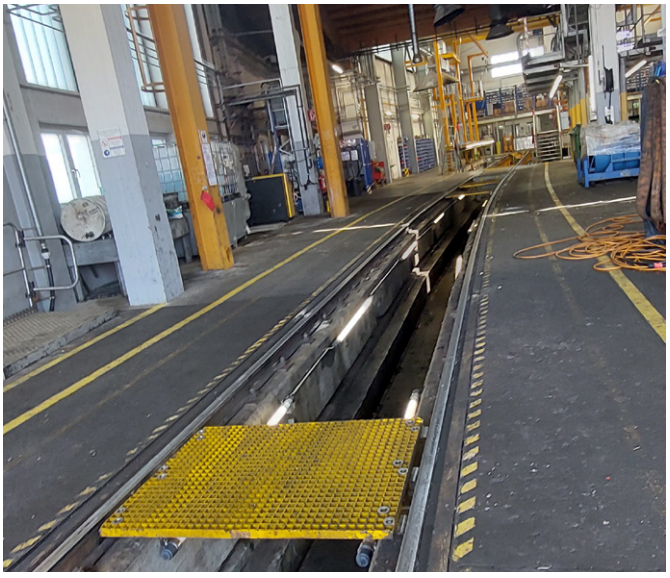
StreamLED Power







- Through wiring for light chain
- Connection by cable gland M20 (for cable Ø 7-14 mm)
- Indoor and outdoor applications
- Low energy with good light efficiency
- Full luminous flux is immediately available
- Minimum temperature development
- Constant brightness independent of outdoor temperature
- Extremely consistent in switching (> 1 million)
- Maintenance-free
- Shock and vibration resistant
- Indestructible (meets industrial health and safety standards)
- No UV / IR radiation

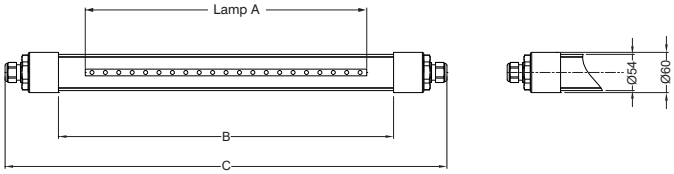
Technical data

LED Power	6W / 13,5W / 12W / 27W / 36W / 51W
Operating Voltage	230VAC, 9 - 36VDC
LED Efficiency	up to 155lm/W
CRI-Index	Ra>80
L80/B50	>60.000h
Light color	3.000K / 4.000K / 6.500K
Beam Angle	120°
Type of protection	IP68 / IP69K
Protection rating against mechanical damage for acrylic tube*	IK10
Protection class	I, III
Temperature range for operation	-30°C to +50°C
Tube	shockproof acryl ø 54 mm

Documentation available upon request!

Also available in SK2

LED Power	Luminous flux	Design example (mm) A	B	C
6W	934lm	437	500	600
12W	1.871lm	875	920	1.080
13,5W	1.959lm	437	500	660
27W	3.723lm	875	920	1.080
36W	5.520lm	1.200	1.290	1.450
51W	7.087lm	1.625	1.730	1.895



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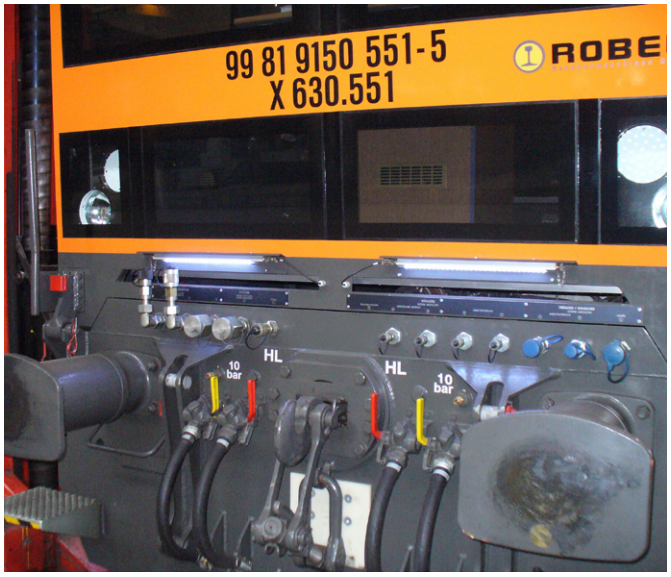
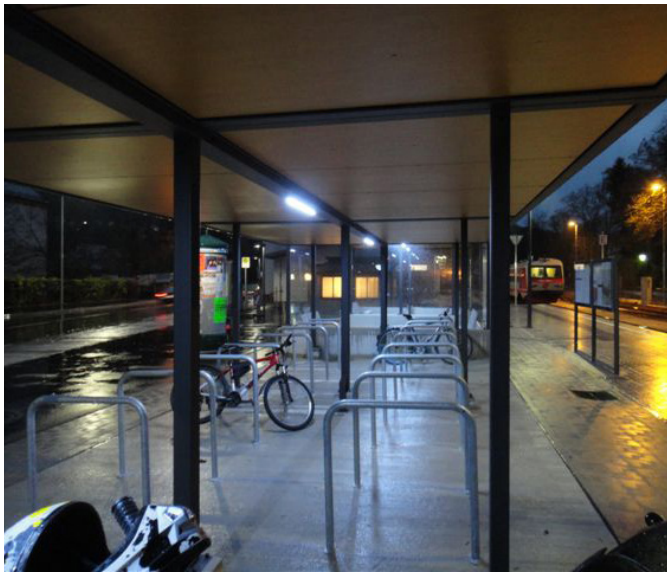
AmbitLED





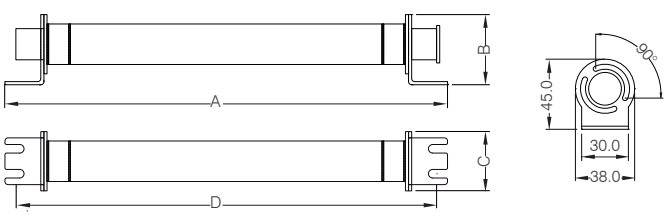
- Compact LED light strip
- Anodized surface
- Fixing bracket in stainless steel, variable mounting bracket
- LED strip in moisture- and dust-tight sealing compound
- Delivery for through wiring with protective cap
- Loop-connection for light chain (max.7A)

Technical data	AmbitLED (22 - 32VDC)	AmbitLED Power
Operating Voltage	24VDC[1] (22-32V), polarity safe	24VDC[1] +/- 4%
Light source	LED strips	
Power consumption	1,5W, 4W or 8W (at 24VDC)	2,6W / 6,8W / 13,6W
Connection	2 pin, robust metal M16 industrial connectors	
Connection Diameter	max. 0,75 mm	
Clamping range	4-8 mm	
Color temperature	cool white 6.500K	
Temperature range for operation	-25°C to +50°C	
Housing material	aluminum continuous casting	
Type of protection / Protection class	IP67 / III	
Plug	2 pin connector with screw locking	
Cable	2x0.75 mm², halogen-free, UV- and weather resistant, cold resistant to -40°C	

TECHNICAL NOTE: In order to guarantee reliable and safe operation of the LED modules, it is absolutely necessary to use a power adapter that is electronically stabilized. This is the only way to protect LED modules from overcharging,overheating and short-circuiting.

Documentation available upon request!

		Design example (mm)			
LED Power	Luminous flux	A	B	C	D
2,6W	220lm	284	45	38	270
6,8W	619lm	594	45	38	580
13,6W	1.248lm	1.094	45	38	1.080



08/2025/1.0

GSL - GIFAS StreetLED

GIFAS StreetLED - with asymmetrical light characteristics. The slim-line luminaire has a die-cast aluminum housing which is powder-coated with a durable epoxy paint. It has ozone and UV-resistant seals and stainless steel screws.

- Type of protection IP66 / degree of protection IK10 (impact-resistant)
- Full luminous flux is available immediately
- Lower power consumption with good luminous efficiency
- Minimal temperature development
- Operates within a broad temperature range: -40°C to +50°C
- No UV/IR-radiation
- Not sensitive to vibrations
- Easy opening of the housing without tools
- Disconnecting the connectors when opening ensures safe working during the installation and maintenance process.
- Universal bracket for pole or wall installation, tilt adjustment in 5° increments from -15° to +15°

Technical data	GSL 140x50°	GSL 130x75°
LED Power	40W / 75W / 120W / 150W / 165W	
System performance	42W / 82W / 121W / 159W / 174W	
Operating Voltage	230VAC	
Form of delivery	5.836lm / 11.583lm / 16.850lm / 23.204lm / 27.440lm	
Light source	SMD-LEDs	
System Efficiency	139lm/W / 141lm/W / 139lm/W 146lm/W / 158lm/W	
CRI-Index	Ra>70	
Luminous angle	140x50°	130x75°
L90/B10	>100.000h	
Light colour	3.000K / 4.000K	
Temperature range for operation	-40°C to +50°C	
Dimmable	yes (1-10V	
Housing material	aluminium - epoxy coated	
Housing color	grey	
Cover	PMMA	
Type of protection / Protection class	IP66 / II	
Degree of protection against mechanical damage	IK10	
Weight	7,2 kg	
Dimensions (L x W x H)	556 x 324 x 70 mm	
Swivel range of universal mount	-15° to +15°	
Pole attachment for Ø	60 mm	

Documentation available upon request!

Zhaga-socket für GIFAS Street LED (GSL)

Optional

The Zhaga socket for the GIFAS Street LED (GSL) street luminaire is an optional component that can be integrated into the GSL luminaire. This standardized socket enables easy installation and interchangeability of various additional modules and attachments.

There is a variety of customizable attachments available for the Zhaga

socket, including motion sensors, light sensors, and other sensors. The flexibility of the system allows for seamless integration of third-party components into the GSL luminaire. This enables users to equip the GSL luminaire with additional features and sensors as needed to meet the specific requirements of their project.

Example

08/2025/1.0

PLAZA FlatLED FLOOD

PLAZA 150W PLAZA 72W

Flat surface floodlight with symmetrical light characteristic.
Plaza FlatLED FLOOD has a slim design, is powder-coated color black, with 5 m supply line H07RN-F and IP44 safety plug.

- Full luminous flux is available immediately
- Lower power consumption with good luminous efficiency
- Minimal temperature development
- Extremely resistant to switching (>1 million)
- Maintenance-free
- Operates within a broad temperature range -20°C to +50°C
- No UV/IR-radiation
- Not sensitive to impact and vibrations

Use: Indoor and Outdoor
Billboards, driveways, facades and object lighting, civil protection, schools, public building ...

Appropriate for all locations where a broad area of illumination isr required.

Technical data	PLAZA 150W	PLAZA 72W
LED Power	150W	72W
Operating Voltage	230VAC / 220VDC	
Luminous flux	21.220lm	10.180lm
Light source	SMD-LEDs	
System Efficiency	150lm/W	
CRI-Index	Ra>80	
L80/B50	>85.000 h	
Light colour	5.700K	
Loss of luminous flux	<10%	
LED resistance to switching	>1 Mio.	
MacAdam	3-step	
Temperature range for operation	-20°C bis +50°C	
Max. surface temperature	+90°C (suitable for use in industrial premises with fire hazards), D rating label	
Housing material + reflector	die-cast aluminium	
Housing color	black	
Cover	5 mm safety-glass	
Type of protection / protection class	IP66 / I	
Type of protection plug	IP44	
Degree of protection against mechanical damage	IK08	
Weight	9,0 kg	5,5 kg
Dimensions (H x W x D)	450 x 355 x 95 mm	372 x 265 x 80 mm

Documentation available upon request!

DeltaLUXX 2 HT - high temperature spotlight

- Robust housing made of corrosion-resistant die-cast aluminium
- Dirt-resistant PTFE surface coating, approved for the food industry
- 3mm impact resistant plastic cover (PC)
- Custom-made U-profile seal surrounding all sides
- Custom-made, durable, heat-conducting film for lasting, reliable dissipation of heat from the LED board
- Low heat generation thanks to the latest LED technology
- Full luminous flux is available instantly after switching on
- Low energy consumption with high light output
- Maintenance-free
- Wide operating temperature range (up to 70°C)
- No UV/IR-radiation
- Vibration-resistant

Technical data

Operating Voltage	100-277VAC (50/60Hz)
Illuminant	SMD-LEDs
System performance	140W / 183W
Luminous flux	21.400lm / 26.800lm
System Efficiency	153lm/W / 147lm/W
Light color	5.000K
CRI-Index	Ra >80
Beam Beam Angle	open distribution 120°
L70/B10	> 50.000h
Type of protection / protection class	IP65 / I
Shock resistance	IK08
Temperature range for operation	-30°C to +70°C
Housing material	Die-cast aluminium
Housing surface	PTFE-coated
Housing color	black
Cover	3 mm polycarbonate
Connection cables	1 m
Weight	approx. 9,5 kg
Dimensions (Ø x H)	450 x 195 mm
Certification	CE

Documentation available upon request!

I-LED - Industry LED

I-LED 5.28 I-LED 5.17

- Small LED-flood light with symmetric luminous characteristics.
- The I-LED 5 has a slim construction, is powder-coated in black
- Full luminous flux is available immediately
- Lower power consumption with good luminous efficiency
- Minimal temperature development
- Extremely resistant to switching (>1 million)
- Maintenance-free
- No UV/IR-radiation
- Not sensitive to impact and vibrations

Range of application

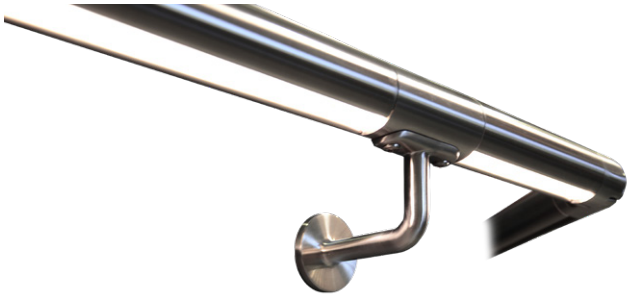
Appropriate for all kinds of usage which need an extensive professional illumination.

- Industry
- Construction machines
- Vehicles
- Mechanical engineering ...

Technical data	I-LED 5.28	I-LED 5.17
LED Power	9x3W	12W / 17W
Electrical power	24VDC 1,0A / 230VAC 0,11A	24VDC 13W / 19W
Operating Voltage	11-36VDC / 22-26VAC / 85-265VAC	12-45VDC / 12-30VAC
Luminous flux	3.000lm	1.400lm / 2.000lm
CRI-Index	Ra>80	
Luminous angle	Flood (60°) / Spot (30°)	
Average LED lifetime at 20°C	>50.000h	
Loss of luminous flux	<10%	
LED resistance to switching	>1mio.	
Color temperature	6.500K / cool white	
Temperature range for operation	-30°C to +50°C	
Housing material	aluminium	
Housing color	black	
Cover	plastic glas	
Feeding lines	3 m / 5 m 3x0,75 mm²	5 m 3x0,75 mm²
Type of protection / protection class	IP67 / IP69	
Weight	1,04 kg / 1,34 kg	0,6 kg
Dimensions (L x W x H)	170 x 120 x 95 mm	112 x 86 x 38 mm

Documentation available upon request!

LaneLED INOX 42 - Handrail system



Hand rails with LED lighting: Increased safety in a sophisticated design

As an established manufacturer of emergency lights for road and rail tunnels using LED technology, we have accumulated a wealth of knowledge and know-how. Based on this experience, we are taking another step towards providing safety everywhere people go with our LED-illuminated hand rails.

In general

A hand rail is a rail within easy reach that people can hold on to or allow themselves to be guided by. Most hand rails come in the form of posts, rails or bars. Common materials used are metal, wood, wood composites or plastic. A hand rail can be the upper part of a balustrade or railing. It can also be attached directly to a wall.

Requirements

A «fixed» hand rail is required by law. «Rigging», meaning hand rails made with rope, are only intended as decoration since they could give way in case of a fall. They should be continuous and ideally extend past the first and last steps of stairs.

This innovation is based on different directives, such as DIN 18065, information from the Swiss Competence Centre for Accident Prevention (bfu) and SUVA recommendations.

Applications

- Underpasses and overpasses in railway stations
- Escape route and emergency staircases
- Decorative applications in office or exhibition wings
- Hospitals and nursing homes
- Schools and day care centres
- Shopping and meeting areas
- Hotels and restaurants
- Staircases

Documentation available upon request!

Our services

All of our calculations and drawings are prepared in close cooperation with planers. This guarantees that the LaneLED INOX42 handrail is implemented according to customer specifications.

GIFAS also offers the following services:

- Planning and concept development as per specifications
- Relux lighting calculation
- Consultation and bracket through our field service
- Creation of object-specific plans and documents
- Mutual bracket among the partner companies, contact mediation

In the following pages, you will find an overview of the functioning principles and benefits of the LaneLED INOX42, as well as detailed information about the individual components.

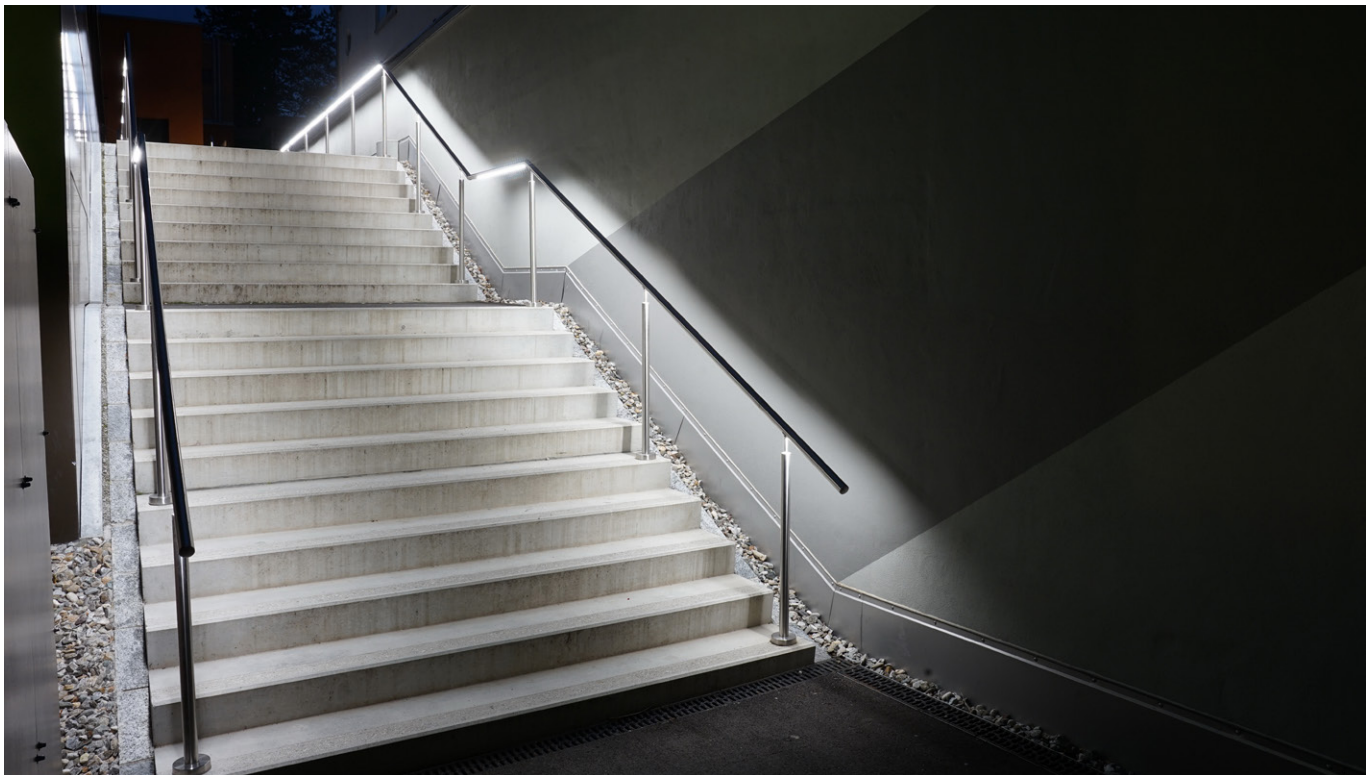
We are always very happy to answer any of your questions.

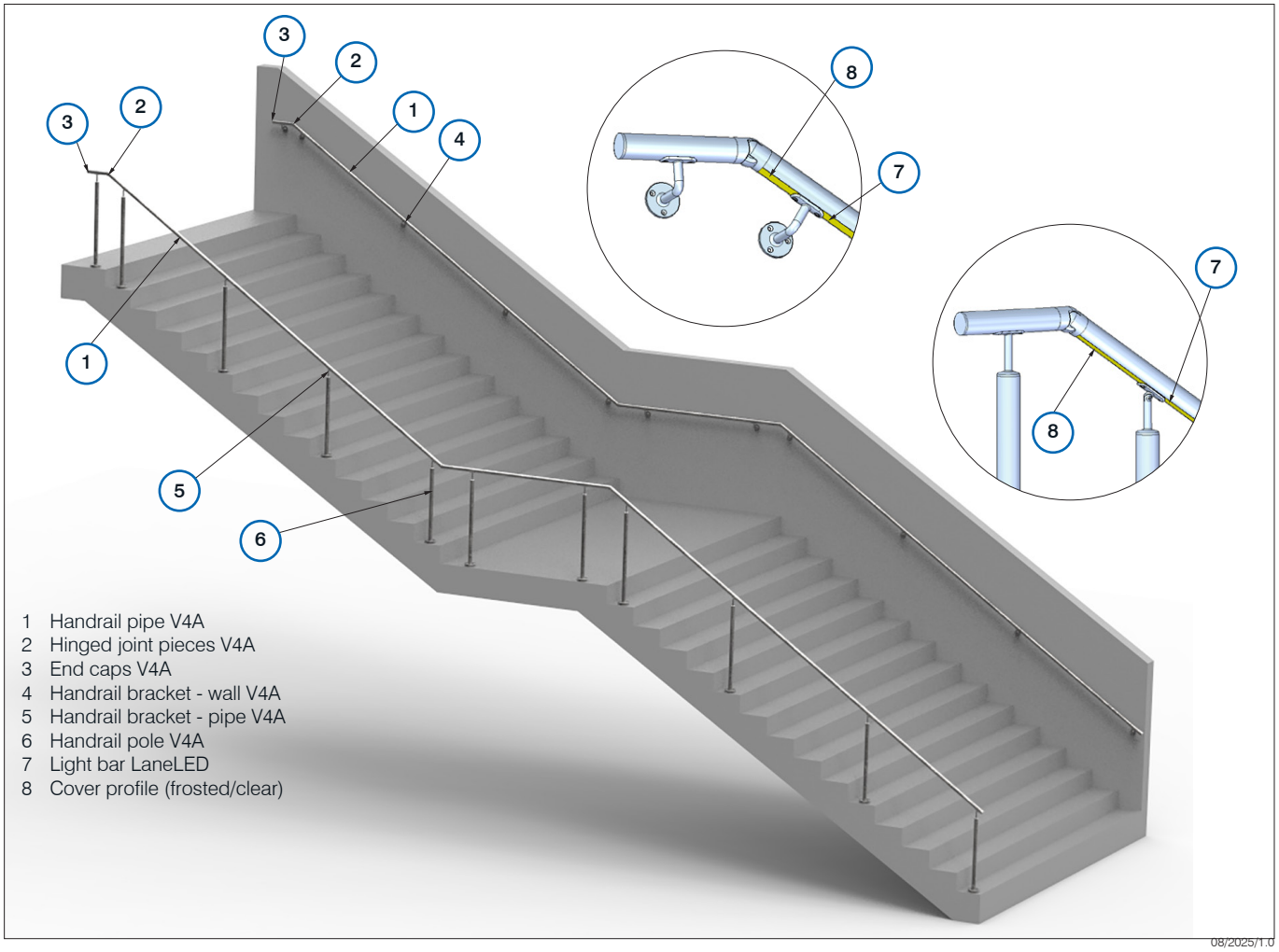
Handrail system

LED-equipped handrails for outdoor and indoor applications, suitable for balcony railings, stair railings, and terrace railings. These handrails can be easily mounted onto standard railing posts using special pipe sections. The pipe supports and adapters allow for internal cable routing with the connection cabling system developed by GIFAS.
All metal components are made of V4A-grade stainless steel, with protection class IP66 / IP69K.

Wall handrail system

LED-equipped handrails for outdoor and indoor use, serving as fall protection and guidance support on stairways, with functional, accent, or pathway lighting. A wide range of modular components allows for customized configurations to suit all types of wall-mounted handrails.
All metal components are made of V4A-grade stainless steel, with protection rating IP66 / IP69K.





1 Handrail pipe V4A
2 Hinged joint pieces V4A
3 End caps V4A
4 Handrail bracket - wall V4A
5 Handrail bracket - pipe V4A
6 Handrail pole V4A
7 Light bar LaneLED
8 Cover profile (frosted/clear)

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GIFAS TorchLED (Battery or Accu mode)

SHUNTING SERVICE LAMP

- Freestanding
- Holder made in plastic - enables a quick and save pocketing in the front part
- Integrated fixings for supporting loops and fixing belts
- Impact resistance

Controller

A ON / OFF white light broad
ON / OFF white light beam
B Ein/OFF LED red light

The unmistakable operation by means of color marking allows safe working in the shunting area, easy to handle even with winter gloves.

Easy opening of the housing for battery replacement or battery change, safe closing by snap closure. Unmistakable use of batteries or rechargeable batteries (polarity reversal protection).

Technical data light

Operating Voltage	4 pc. AA 1,2V Accu min. 2700mAh
Burning time	approx. 30h
Type of protection	IP54
Temperature range for operation	-20°C to +45°C
Housing material	Impact-resistant PA6-Casing, with rubber overmoulded handle (non-slip)
Housing colour	Signal yellow
Weight	approx. 230 g
Dimensions (W x H x D)	67,8 x 115,5 x 34 mm

Technical data charging station

Power supply	700mA charging current
Charging time	approx. 1900mAh cells max. 4 Std.
Pins	spring steel, gold plated
Type of protection	IP40
Housing material	ABS
Dimensions (W x H x D)	86,6 x 79,6 x 44 mm

EDP No.	Product ID No.
112027	TORCHLED.HANDLAMPE.4XAKKU.O.LST.SET.V2
860276	TORCHLED.LADESTATION.SCHW.230VAC/15VDC
860471	TORCHLED-LADESTATION.12-48VDC.1,5M.ZUL.O.ST.

a) Broad light
b) Beam light
c) Red light
d) Red light
e) Charging status
green flashing =Charging the battery
green light = Battery charged

RAILWAY ATTENDANTS LAMP

- Freestanding
- Holder made in plastic - enables a quick and save pocketing in the front part
- Integrated fixings for supporting loops and fixing belts
- Impact resistance

Controller

A ON / OFF LED white light broad
ON / OFF LED green light broad
B ON / OFF LED red light

The unmistakable operation by means of color marking allows safe working in the shunting area, easy to handle even with winter gloves.

Easy opening of the housing for battery replacement or battery change, safe closing by snap closure. Unmistakable use of batteries or rechargeable batteries (polarity reversal protection).
Charger 230V with cables and plug-in transformer to GIFAS TorchLED

Technical data light

Operating Voltage	4 pc. AA 1,2V Accu min. 2700mAh
Burning time	approx. 20h
Type of protection	IP54
Temperature range for operation	-20°C to +45°C
Housing material	Impact-resistant PA6-Casing, with rubber overmoulded handle (non-slip)
Housing colour	Signal yellow
Weight	approx. 230 g
Dimensions (W x H x D)	67,8 x 115,5 x 34 mm

Technical data charging station

Power supply	700mA charging current
Charging time	approx. 1900mAh Zellen cells. 4 Std.
Pins	spring steel, gold plated
Type of protection	IP40
Housing material	ABS
Dimensions (W x H x D)	86,6 x 79,6 x 44 mm

EDP No.	Product ID No.
120834	TORCHLED-HANDLAMPE.AKKU.ZSR
860276	TORCHLED.LADESTATION.SCHW.230VAC/15VDC
860471	TORCHLED-LADESTATION.12-48VDC.1,5M.ZUL.O.ST.

a) Broad light white
b) Broad light green
c) Red light
d) Red light
e) Charging status
green flashing =Charging the battery
green light = Battery charged

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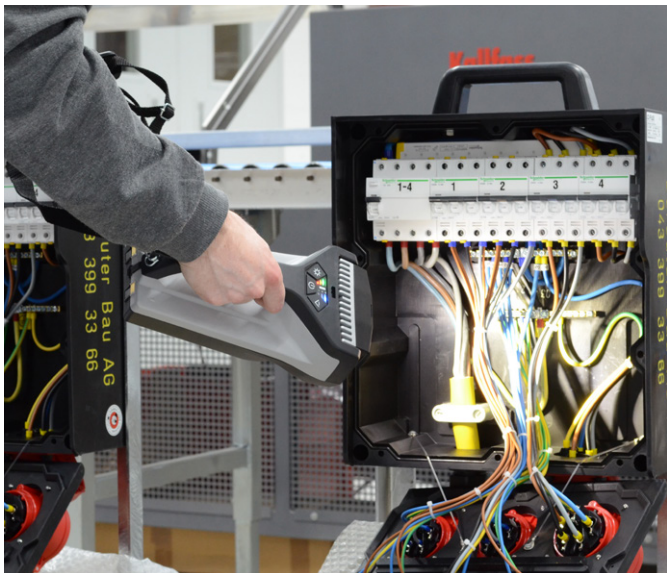
FlashLED 2

The FlashLED 2 is based on the latest Li-ion battery technology coupled with up-to-date LED technology.
If the supply voltage of the charging station fails, the light switches on in “emergency light” mode. This is activated at the factory (“ON”), but can be changed by pressing the “OFF” switch. The emergency light function is activated by setting the magnetic switch to the “Emergency Light ON” position.

The swivelling light head is a further advantage; the degree of protection of IP65 (IP54 for the charging station) and the easily understandable film panel are additional positive properties of the product.



Technical data light

Operating Voltage	10 - 42VDC
Power supply	Li-Ion Accu 14.4V 2.600mAh
Charging time	5h
Lighting time:	
- Spot	10h (3 LED)
- Wide	14h (2 LED)
- Full light	5h (5 LED)
- Emergency light	5h (5 LED)
Illuminant	5 Power-LED à 3W, cool white 5.000K
Luminous flux LED	200lm - 1.250lm
Type of protection	IP65
Protection class	III
Operating temperature range	-20° to +45°C
Charging temperature range	0° to +45°C
Dimensions (L x W x H):	
- Light excl. charging station	251×124×94 mm
- Light incl. charging station	323×149×108 mm
Weight	1,06 kg

Technical data Charging station

Operating Voltage	230VAC (85 - 264VAC) or 12-24VDC
Type of protection	IP54
Protection class 230 VAC	II
Protection class 12 - 24 VDC	III
Dimensions (L x W x H)	149 x 276 x 95 mm
Weight	430 g

Documentation available upon request!

Scan the QR code to learn more about the GIFAS railway world!

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STAATLICH AUSGEZEICHNETES UNTERNEHMEN

05/2025/1.0
Subject to technical changes