



Ex-Proof Lighting Catalog

Safety, Efficiency, Longevity

Discover our ATEX-certified lighting solutions, specifically designed for environments containing explosive dust and gases.

Our products, which offer maximum safety, superior performance, and long-lasting durability, provide uninterrupted and reliable lighting for your industrial facilities.

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Our innovative lighting solutions, integrated with the smart control systems we have developed and offered to consumers to date, have helped create efficient, safe and environmentally compatible facilities in hundreds of projects.

At a time when the possibilities offered by light and light-based technologies are constantly and rapidly evolving, we are aware of the important role that lighting plays in all areas concerning people and the environment. Therefore, we will continue to be a part of efficient, safe and sustainable environments.





What is a Zone?

It is the analysis of the risk and the classification of the zone based on the level of risk in the facilities where explosive, flammable or combustible materials are produced and/or distributed.

It is examined in two separate categories:

1 - Zone Classification According to Gas Groups
(Zone 0, Zone 1, Zone 2)

2- Zone Classification According to Dust Groups
(Zone 20, Zone 21, Zone 22)

How to Identify a Zone?

Zone classification is performed based on type production specified in the IEC EN 60079-10-1 (Gas) and IEC EN 60079-10-2 (Dust) directives.

Definitions of Zones

Zone 0 : Areas where explosive gas is present continuously, for long periods or frequently

Zone 1 : Areas where explosive gas is likely to occur

Zone 2 : Areas where explosive gas occurs rarely or for a short time

Zone 20 : Areas where explosive dust is present continuously, for long periods or frequently

Zone 21 : Areas where explosive dust is likely to occur

Zone 22 : Areas where explosive dust occurs rarely or for a short time

What Is Protection Type?

Indicates the flame-proof enclosure type of the device to be used in the zone. There are many types of enclosures, depending on the specifications of the device.

How to Choose a Protection Type?

You can choose the most suitable protection type for your facility among the enclosure types specified in the IEC EN 60079-0 directive for Zone classification. Moreover, you can learn the content and scope of the directives issued for these types.



What Is an Explosion Group?

It is the determination and classification of the type of explosive, flammable or combustible material produced and/or transferred within the facility.

It is examined in two separate categories:

1-Gas Groups (IIA, IIB, IIC)

2-Dust Groups (IIIA, IIIB, IIIC)

Explosion Group

Typical Types of Gas and Dust

IIA : Ethane, Propane, Butane, Octane, Fuel Oil

IIB : Acrylic Nitrile, Ethylene, Ethylene Oxide

IIC: Hydrogen, Acetylene, Carbon Disulfide

IIIA : Insulating Powders (Plastic, cereals, etc.)

IIIB : Semiconductor Powders (Silicon, Zinc, etc.)

IIIC : Conductive Powders (Copper, Iron, Aluminum, Paint Powders etc.)

Note: Equipment in group IIB also provides protection against equipment in group IIA. Equipment in group IIC also provides protection against equipment in group IIA and IIB. Equipment in group IIIB also protects against equipment in group IIIA. Equipment in group IIIC also protects against equipment in groups IIIA and IIIB.

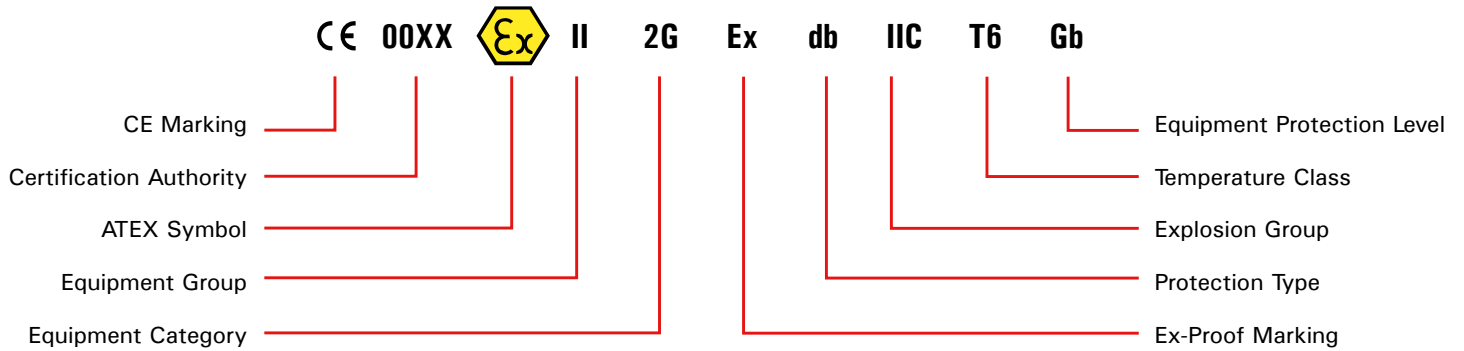
What Is a Temperature Class?

Indicates maximum surface temperature that can occur on the equipment. The determined temperature class should not approach the determined value at a critical level since it is the most important factor triggering the explosion of the liquid, gas or dust material in the area.

Definitions of Temperature Classes

- T1 : Maximum surface temperature is lower than 450 °C
- T2 : Maximum surface temperature is lower than 300 °C
- T3 : Maximum surface temperature is lower than 200 °C
- T4 : Maximum surface temperature is lower than 135 °C
- T5 : Maximum surface temperature is lower than 100 °C
- T6 : Maximum surface temperature is lower than 85 °C

ATEX INFORMATION GUIDE



COMPREHENSIVE SOLUTION ACROSS VARIOUS SECTORS



Heavy Industry Oil&Gas

- Petrochemical
- Refinery
- Offshore
- Mining



Automotive Iron&Steel-Glass

- Automotive and Supply Industries
- Glass Factory
- Iron & Steel Industry



Power Plants

- Nuclear Power Plants
- Steam Power Plants
- Combined Cycle Plants
- HPP, GPP, SPP



Factories Manufacturing Plants

- Textile
- Machinery & Metal
- Plastic
- Food Industry
- Medicine



Railways & Tunnels

- Metro Tunnels
- Highway Tunnels
- Railway Tunnels
- Train Stations



Data Centers

- GSM & Telecom Companies
- Colocation Service Providers
- Financial Institutions
- Public Data Centers
- Edge Data Centers
- Computer Rooms



Healthcares

- Public Hospitals
- Private Hospitals
- Clinics
- Laboratories



Complex Buildings & Towers

- Tower & Skyscrapers
- Malls
- Office Buildings
- Hotels
- Residences
- Government Buildings



Sport Complexes

- Stadiums
- Indoor Sports Complexes
- Olympic Complexes



Airports

- Terminal Buildings
- Car Parks
- Hangar Buildings
- Service Buildings

Zone-1 (Gas) Zone-21 (Dust)

Content



■ EX-LINE MINI ZONE-1.21



■ EX-FOR MINI V2 ZONE 1.21



■ HBC EX ZONE-1.21



■ PRL EX ZONE-1.21



■ EX-FLEX



■ EX-DUAL ZONE 1.21



■ EX-DUAL EXIT ZONE 1.21

EX-LINE MINI ZONE-1.21

The equipments are Explosion-proof LED Luminaires. They are protected by Increased Safety and flame-proof "db,eb" and Dust Ignition Protection by Enclosure "tb" purposed to used in Explosive Gas Atmosphere Zone 1 and Explosive Dust Atmosphere Zone 21. The luminaire constructed by LED driver and LED chips panel in the IP 66 enclosure. All the cable gland, breathing and drain device and terminal blocks are certified. The size and appearance of each models are the same, mainly differences are the rated power.

Ex-proof Product Features

Zone	: Zone 1.21 / 2.21 / 2.22
Group / Category	: II / 2G / 2D
Protection Class	: db eb tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6 / T85°C
Certificate Code	: II 2G Ex db eb IIC T6 Gb II 2D Ex tb IIIC T85°C Db

Mechanical Features

Housing	: Aluminum Injection Housing
Diffuser	: Tempered Glass
Sealing	: High Temperature Resistant Silicone Gasket and TPV Gasket
Gland (Input)	: 1 x M20
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK10

Electrical and Optical Properties

Light Source	: Mid Power LED
Power Power	: 20W / 28W / 36W / 44W / 51W / 57W
Lumen	: 2600 lm / 3600 lm / 4600 lm / 5600 lm / 6300 lm / 7000 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 3000K / 4000K / 5000K / 5700K / 6500K
CRI	: ≥80
Optic	: 100°

Other Features

Mounting Options	: Ceiling, Cable Tray, Pole, Chain Support
Housing Colour	: SW 306G (Smoked)

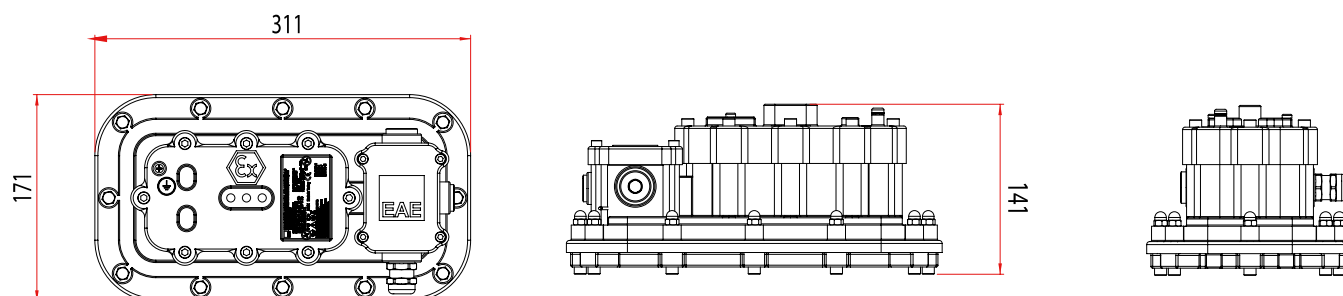
Options

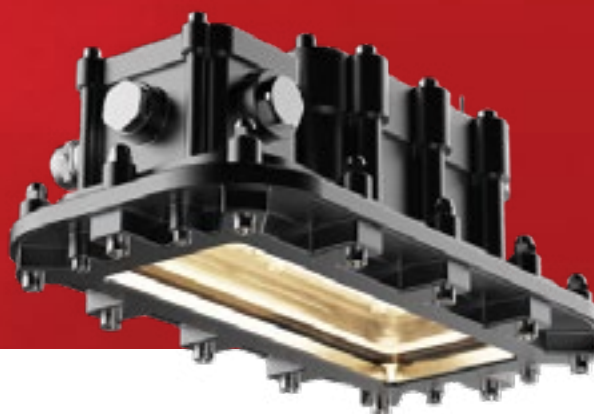
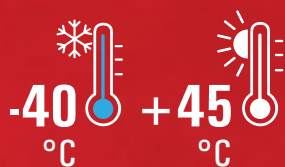
Gland Input	: M20, M25, NPT 3/4 and Armored Glands
Gland Output	: M20, M25, NPT 3/4 and Armored Glands
Protection Grid	: Yes
DALI	: Yes
TRW	: Yes

Dimensions

Width	: 311 mm
Length	: 141 mm
Height	: 171 mm
Weight	: 5.2 kg

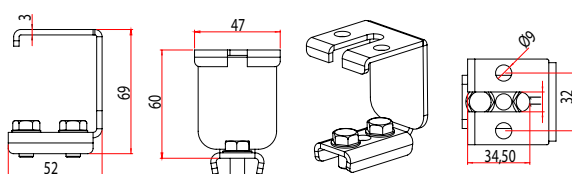
Technical Drawing (mm)





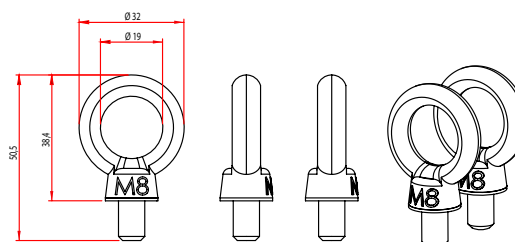
Mounting Tools

Cable Tray and Ceiling Hanger Kit



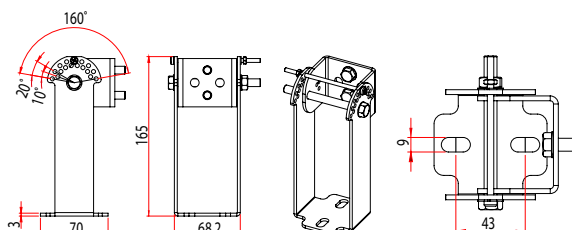
Order Code 3244478

M8 Eyebolt Hanger Kit



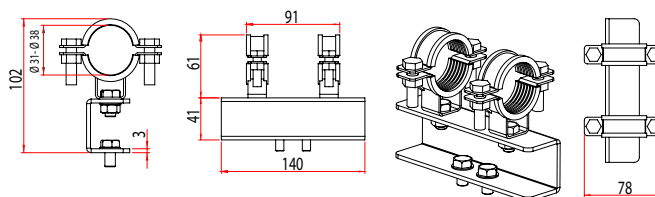
Order Code 3244480

Wall Installation - Installation with Angular Support



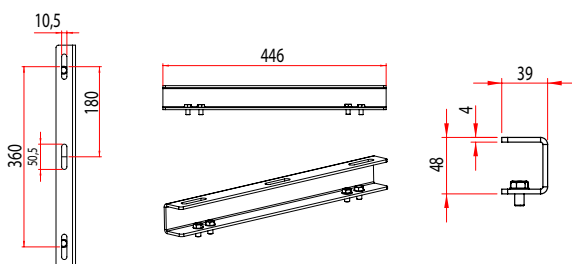
Order Code 3244499

Ø31 - Ø38 Pipe Installation



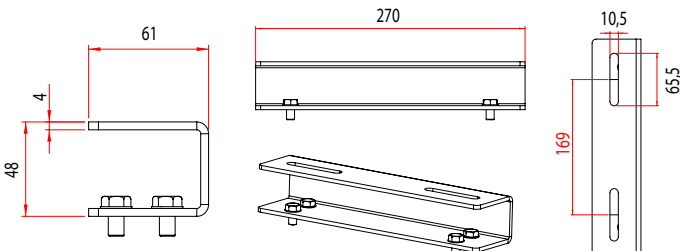
Order Code 3244500

Ceiling and Cable Tray Double Installation



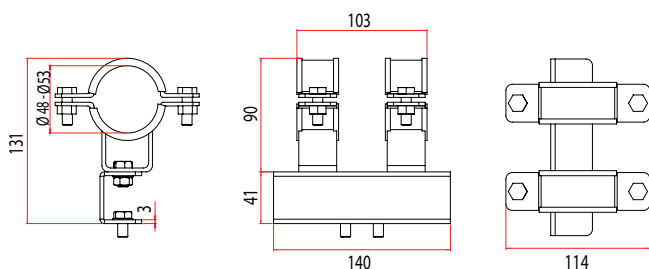
Order Code 3244501

Ceiling and Cable Tray Single Installation - 2



Order Code 3244505

Ø48 - Ø53 Pipe Installation



Order Code 3419389



Zone 1.21 / 2.21 / 2.22
II 2G Ex db eb IIC T6 Gb
II 2D Ex tb IIIC T85°C Db

EX-FOR MINI V2 ZONE 1.21

The equipment is Explosion-proof Zone-1.21 LED luminaire. Type of protection flame-proof "db" for Explosive Gas Atmosphere Zone 1 and Type of protection "tb" for Explosive Dust Atmosphere Zone 21 have protection level. LEDs and driver are located in an IP66 protected enclosure. All cables, cable glands and terminal blocks are certified. The size and appearance of each model is the same. Their main differences are power and product features.

Ex-proof Product Features

Zone	: Zone 1 / Zone 21
Group / Category	: II / 2G / 2D
Protection Class	: db / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6 / T4 / T80...T105°C
Atex Code	: II 2G Ex db IIC T6...T4 Gb II 2D Ex tb IIIC T80...T105°C Db

Mechanical Features

Housing	: Aluminum Injection Housing
Diffuser	: Tempered Glass
Sealing	: High Temperature Resistant Silicone Gasket and TPV Gasket
Gland (Input)	: Standard 1 x M20
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK10

Electrical and Optical Properties

Light Source	: Mid Power LED
Power	: 20W / 28W / 36W / 44W / 50W
Lumen	: 2800 lm / 3900 lm / 4900 lm / 5900 lm / 6700 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 3000K / 4000K / 5000K / 5700K / 6500K
CRI	: ≥ 80
Optic	: 90°

Other Features

Mounting Options	: Ceiling, Cable Tray, Pole, Pendant
Housing Colour	: SW 306G (Smoked)

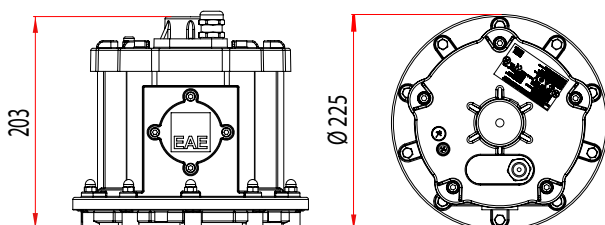
Dimensions

Width	: Ø225 mm
Height	: 203 mm
Weight	: 5.5 - 5.8 kg

Options

Gland Input	: M20, M25, NPT 3/4 and Armored Glands
Gland Output	: M20, M25, NPT 3/4 and Armored Glands
Protection Grid	: Yes
DALI	: Yes
TRW	: Yes

Technical Drawing (mm)

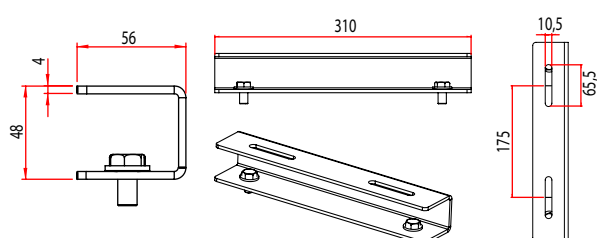


-40 °C +55 °C



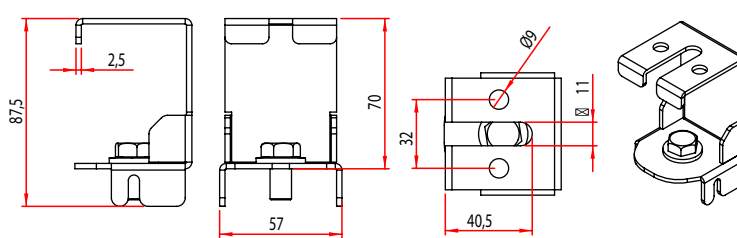
Mounting Tools

Dual Hanger Set



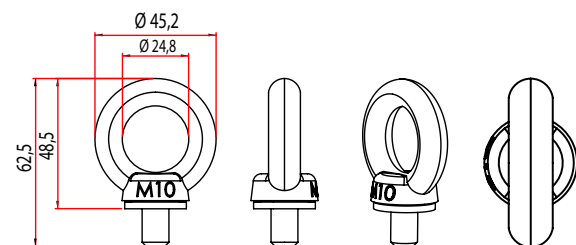
Order Code 3245782

Cable Tray Hanger Set



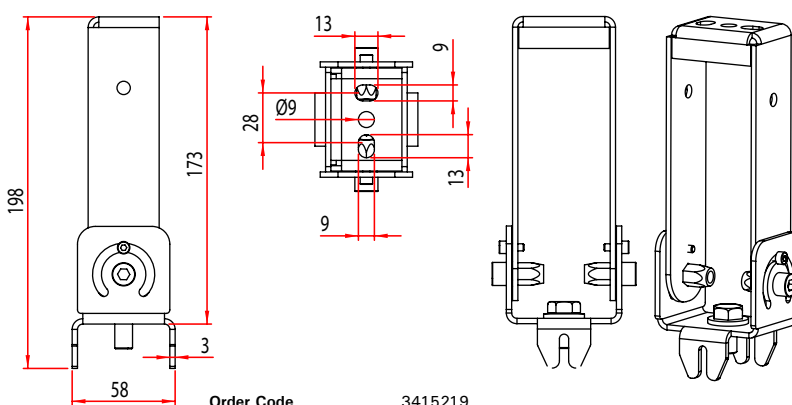
Order Code 3389376

M10 Eyebolt Hanger Set



Order Code 3245137

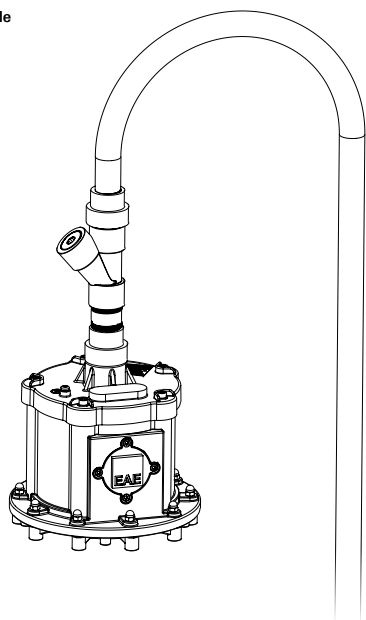
Angled Hanger Set



Order Code 3415219

Conduit Mounting

Order Code 3245137



Zone 1 / Zone 21

II 2G Ex db IIC T6...T4 Gb
II 2D Ex tb IIIC T80...T105°C Db

HBC EX ZONE-1.21

The equipments are Explosion-proof LED Luminaires. They are protected “db,eb,mb” and Dust Ignition Protection by Enclosure “tb” purposed to used in Explosive Gas Atmosphere Zone 1 and Explosive Dust Atmosphere Zone 21. The luminaire constructed by LED driver and LED chips panel in the IP 66 enclosure. All the cable gland, breathing and drain device and terminal blocks are certified. The size and appearance of each models are the same, mainly differences are the rated power.

Ex-proof Product Features

Zone	: Zone 1.21 / 2.21 / 2.22
Group / Category	: II / 2GD
Protection Class	: db / eb / mb / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6 / T85°C
Atex Code	: II 2G Ex db eb mb IIC T6 Gb II 2D Ex tb IIIC T85°C Db

Mechanical Features

Housing	: Aluminum Injection Body
Diffuser	: Tempered Glass
Sealing	: Temperature Resistant Silicone Gasket
Gland (Input)	: 1 x M20
Gland (Output)	: 1 x M20
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK10

Electrical and Optical Properties

Light Source	: Mid Power LED
Power	: 21W / 37W / 70W / 85W / 107W / 130W
Lumen	: 2500 lm / 4400 lm / 8388 lm / 11600 lm / 12100 lm / 15100 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 4000K / 5000K / 6500K
CRI	: ≥85
Optic	: 110°

Other Features

Mounting Options	: Ceiling, Cable Tray, Pole, Pendant
Housing Colour	: SW 306G (Smoked)

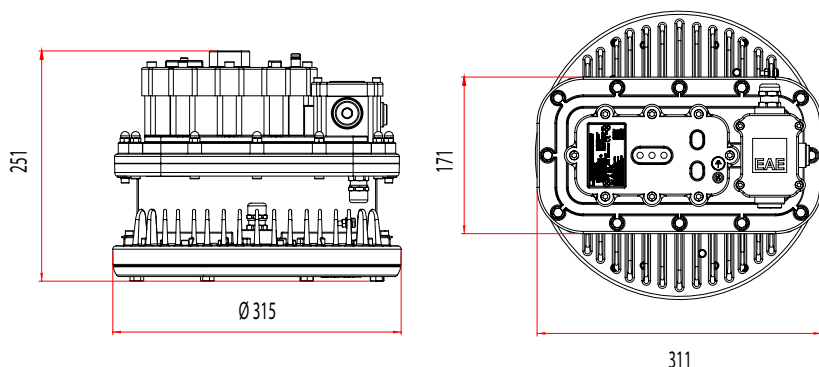
Options

Gland Input	: M20, M25, NPT 3/4 and Armored Glands
Gland Output	: M20, M25, NPT 3/4 and Armored Glands
Emergency Kit	: Yes (1-3 Hours for 70W)
DALI	: Yes
TRW	: Yes

Dimensions

Width	: Ø315 mm
Height	: 251 mm
Weight	: 10.1 - 10.9 kg

Technical Drawing (mm)

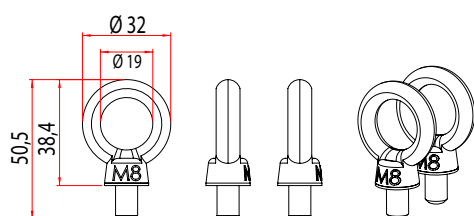


-30 °C  **+50** °C 



Mounting Tools

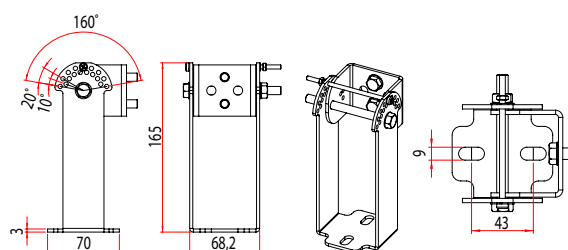
M8 Eyebolt Hanger Set



Order Code

3244480

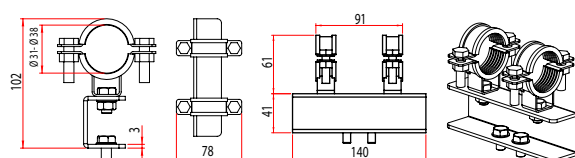
Wall Installation - Installation with AngularSupport



Order Code

3244499

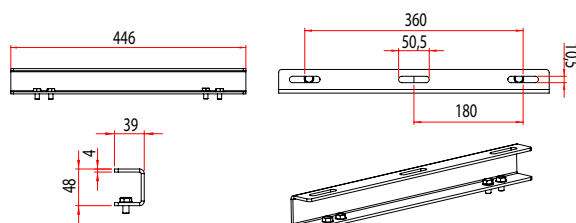
Ø31 - Ø38 Pipe Installation



Order Code

3244500

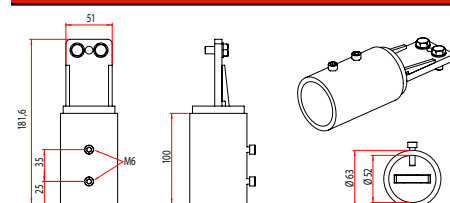
Dual Product Hanging Set



Order Code

3244501

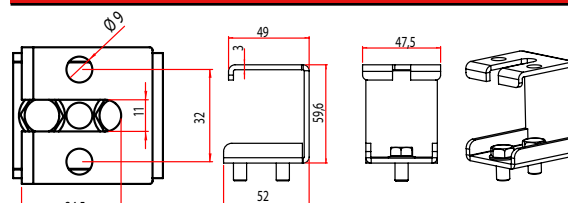
Ø42 - Ø48 HBC-EX Z1 Pole Installation



Order Code

3357953

Cable Tray and Ceiling Suspension Set



Order Code

3304454



Zone 1.21 / 2.21 / 2.22

II 2G Ex db eb mb IIC T6 Gb
II 2D Ex tb IIIC T85 °C Db

PRL EX ZONE-1.21

The equipment is Explosion-proof Zone-1.21 LED Luminaire. Type of protection “db, eb, mb” for Explosive Gas Atmosphere Zone 1 and Type of protection “tb” for Explosive Dust Atmosphere Zone 21 have protection level. LED driver and LED chips are panel in IP66 protection enclosure. All cables ,cable glands and terminal blocks are certified. The size and appearance of each models are the same, mainly differences are the rated power.

Ex-proof Product Features

Zone	: Zone 1.21 / 2.21 / 2.22
Group / Category	: II / 2GD
Protection Class	: db / eb / mb / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6 / T85°C
Atex Code	: II 2G Ex db,eb,mb IIC T6 Gb II 2D Ex tb IIIC TXX°C Db

Mechanical Features

Housing	: Aluminum Injection Body
Diffuser	: Tempered Glass
Sealing	: Temperature Resistant Silicone Gasket
Gland (Input)	: 1 x M20
Gland (Output)	: 1 x M20
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK10

Electrical and Optical Properties

Light Source	: Mid Power LED
Power	: 70W / 82W / 107W / 130W
Lumen	: 9603 lm / 10986 lm / 13905 lm / 16072 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 4000K / 5000K / 6500K
CRI	: ≥ 85
Optic	: 115°

Other Features

Mounting Options	: Surface Mount
Housing Colour	: SW 306G (Smoked)

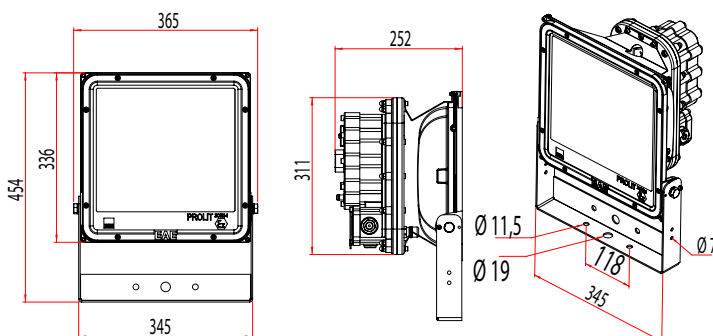
Options

Emergency Kit:	Yes (1-3 Hours) (Only for 70W, 82W Products)
DALI	: Yes
TRW	: Yes

Dimensions

Width	: 365 mm
Length	: 252 mm
Height	: 454 mm
Weight	: 13.5 - 14.4 kg

Technical Drawing (mm)

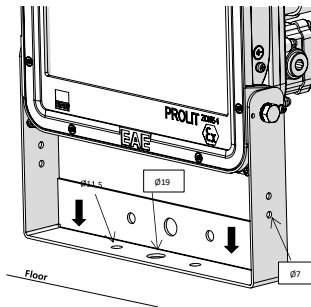


-30 °C +55 °C

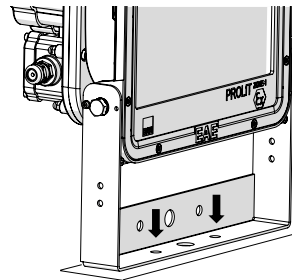


Using Mounting Tools

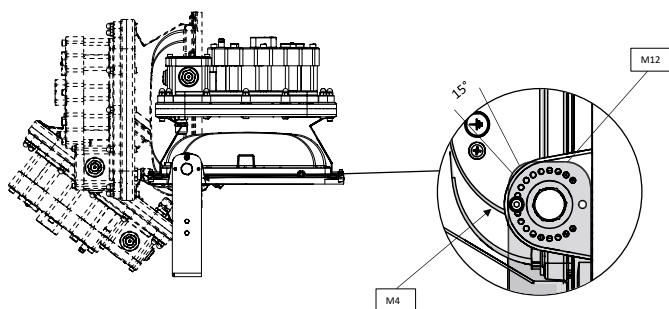
Floor



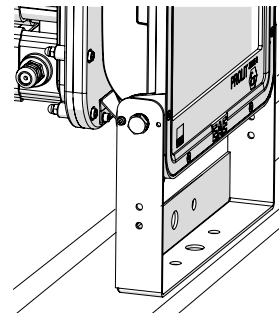
Box Profile



Adjustable Angled Hanger Set



Angled Mounting



Zone 1.21 / 2.21 / 2.22

II 2G Ex db,eb,mb IIC T6 Gb
II 2D Ex tb IIIC TXX°C Db

EX-FLEX

EX FLEX, which offers a multifunctional solution for emergency lighting and escape lighting, is suitable for use in Zone 1&2&22 zones that require durability with its high-strength body. It provides reliable illumination at ambient operating temperatures from -20 °C to +50 °C. With the EMG and tracable emergency kit option, it guarantees long-lasting use for harsh environmental conditions.

Ex-proof Product Features

Zone	: Zone 1.21 / 2.21 / 2.22
Group / Category	: II / 2GD
Protection Class	: db eb tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6 / T80°C
Atex Code	: II 2G Ex db eb IIC T6 Gb II 2D Ex tb IIIC T80°C Db

Mechanical Features

Housing	: Aluminum Injection Body
Diffuser	: Borosilicate Tube Glass
Sealing	: Temperature Resistant Silicone Gasket
Gland (Input)	: 2x M20
Gland (Output)	: 2x M20
Screws and Bolts	: Stainless Steel
IP	: IP66
IK Protection Class	: IK08

Electrical and Optical Properties

Light Source	: LED
Power	: 5W
Lumen	: 202 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 4000K
CRI	: ≥80
Optic	: 120°

Other Features

Mounting Options	: Ceiling, Pipe, Pendant, Wall
Housing Colour	: Gray Polyester

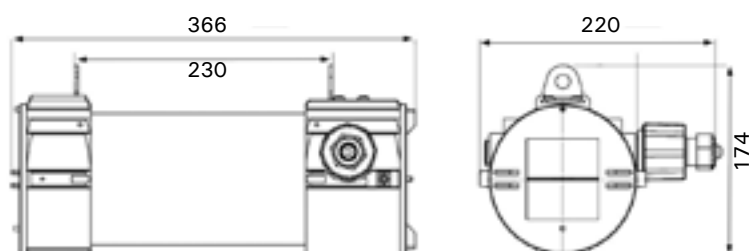
Options

Emergency Kit	: Yes (1-3 Hours)
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Dimensions

Width	: 366 mm
Length	: 220 mm
Height	: 174 mm
Hanger Set Width	: 230 mm
Weight	: 4 kg

Technical Drawing (mm)





Mounting Tools

Pipe Installation



Ceiling Installation



Zone 1.21 / 2.21 / 2.22

II 2G Ex db eb IIC T6 Gb
II 2D Ex tb IIIC T80°C Db

EX-DUAL ZONE-1.21

The equipment is Explosion-proof Zone-1.21 LED luminaire. Type of protection “db”, “eb”, “mb” for Explosive Gas Atmosphere Zone 1 and Type of protection “tb” for Explosive Dust Atmosphere Zone 21 have protection level. LEDs and driver are located in an IP66 protected enclosure. All cables, cable glands and terminal blocks are certified. The size and appearance of each model is the same. Their main differences are product features.

Ex-proof Product Features

Zone	: Zone 1.21
Group / Category	: II / 2G / 2D
Protection Class	: db / eb / mb / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T5 / T100°C
Atex Code	: II 2G Ex db eb mb IIC T5 Gb II 2D Ex tb IIIC T100°C Db

Mechanical Features

Housing	: GRP Body (Glass reinforced polyester)
Diffuser	: Transparent Glass
Sealing	: High Temperature Resistant Silicone Gasket
Gland (Input)	: 1 x M16 Plastic Ex
Gland (Output)	: 1 x M16 Plastic Ex
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK08

Electrical and Optical Properties

Light Source	: Mid Power LED
Power	: 4W / 36W
Lumen	: 250 lm / 4000 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour	
Temperature	: 4000K / 5000K / 6500K
CRI	: ≥ 80
Optic	: Wide Angle

Other Features

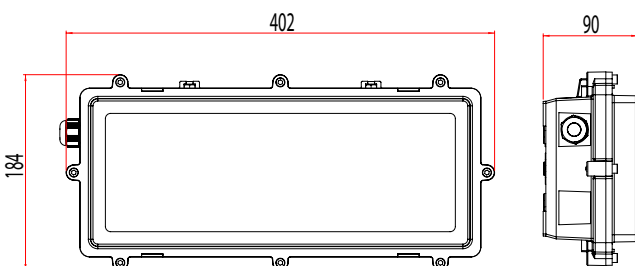
Mounting Options	: Ceiling, Wall, Pipe, Cable Tray, Pendant
Housing Colour	: RAL 7047 (Grey)

Options

Gland Input	: M16, M20, M25, NPT 3/4 and Armored Glands
Gland Output	: M16, M20, M25, NPT 3/4 and Armored Glands
DALI	: Yes
Emergency Kit	: Yes (1-3 Hours), Activated by Power Outage
TRW	: Yes

Dimensions

Width	: 402 mm
Length	: 90 mm
Height	: 184 mm
Weight	: 3.7 Kg



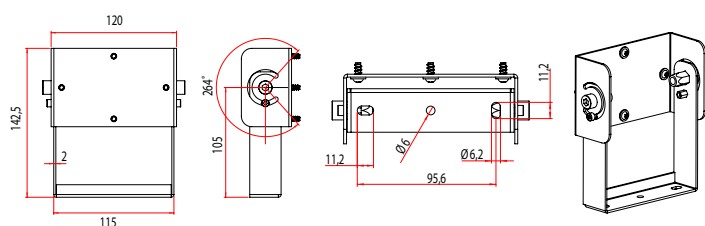
Technical Drawing (mm)

-20 °C +35 °C



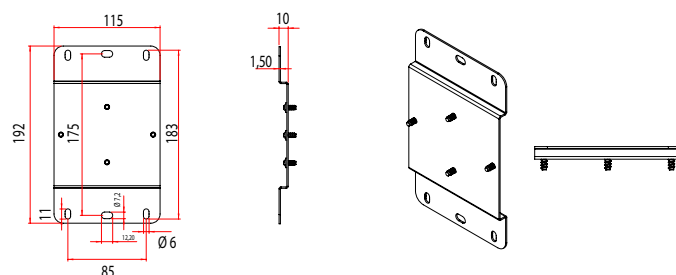
Mounting Tools

Angled Hanger Set



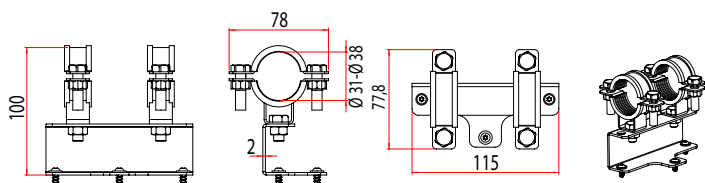
Order Code 3322256

Wall Mount Hanger Kit



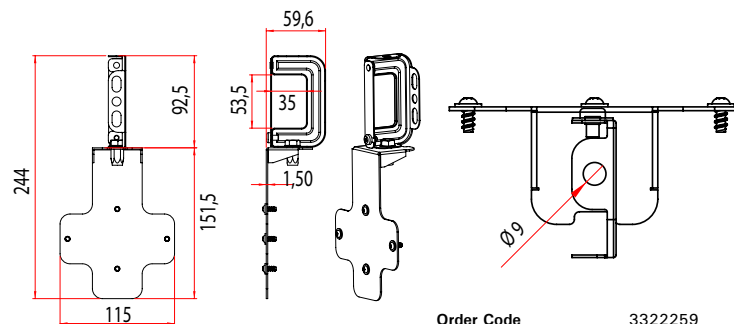
Order Code 3322260

Ø31 - Ø38 Pipe Installation



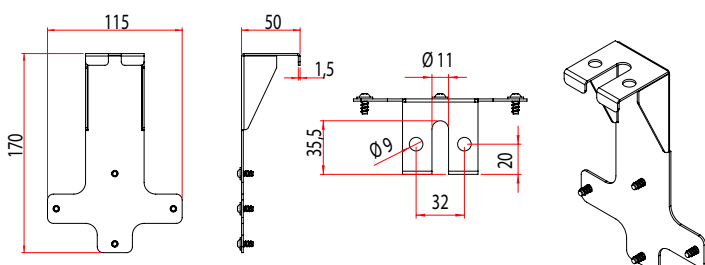
Order Code 3322258

Box Profile Hanger Kit



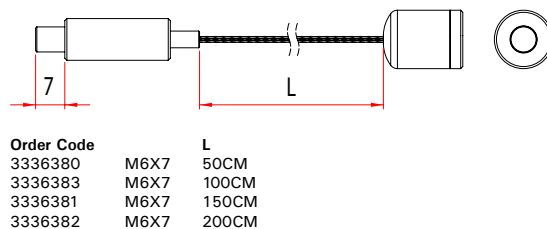
Order Code 3322259

Cable Tray and Ceiling Suspension Set



Order Code 3322261

Elevator Hanger Kit



Zone 1.21

II 2G Ex db eb mb IIC T5 Gb
II 2D Ex tb IIC T100°C Db

EX-DUAL EXIT ZONE-1.21

The equipment is Explosion-proof Zone-1.21 LED Escape luminaire. Type of protection “db”, “eb”, “mb” for Explosive Gas Atmosphere Zone 1 and Type of protection “tb” for Explosive Dust Atmosphere Zone 21 have protection level. LEDs and driver are located in an IP66 protected enclosure. All cables, cable glands and terminal blocks are certified. The size and appearance of each model is the same. Their main differences are product features.

Ex-proof Product Features

Zone	: Zone 1.21
Group / Category	: II / 2G / 2D
Protection Class	: db / eb / mb / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6 / T80°C
Atex Code	: II 2G Ex db eb mb IIC T6 Gb II 2D Ex tb IIIC T80°C Db

Electrical and Optical Properties

Light Source	: Mid Power LED
Power	: 6W
Lumen	: 100 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 2700K / 3000K / 4000K / 5000K / 5700K / 6500K
CRI	: ≥ 80
Optic	: Wide Angle

Other Features

Mounting Options	: Ceiling, Wall, Pipe, Cable Tray, Pendant
Housing Colour	: RAL 7047 (Grey)

Dimensions

Width	: 402 mm
Length	: 90 mm
Height	: 184 mm
Weight	: 3.7 Kg

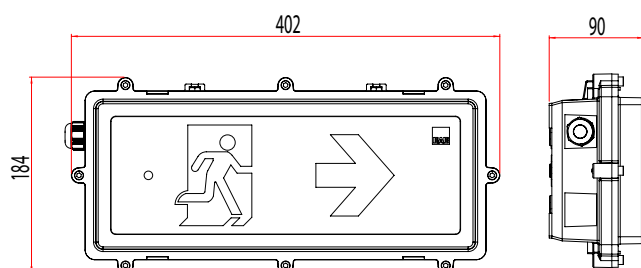
Mechanical Features

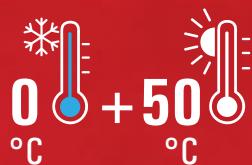
Housing	: GRP Body (Glass reinforced polyester)
Diffuser	: Sanded Glass and Sticker
Sealing	: High Temperature Resistant Silicone Gasket
Gland (Input)	: 1 x M16 Plastic Ex
Gland (Output)	: 1 x M16 Plastic Ex
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK08

Options

Gland Input	: M16, M20, M25, NPT 3/4 and Armored Glands
Gland Output	: M16, M20, M25, NPT 3/4 and Armored Glands
Emergency Kit	: Yes (1-3 Hours), Activated by Power Outage
TRW	: Yes

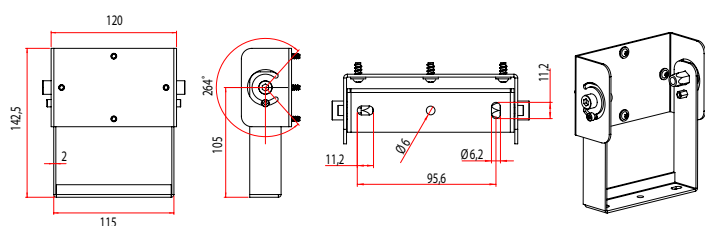
Technical Drawing (mm)





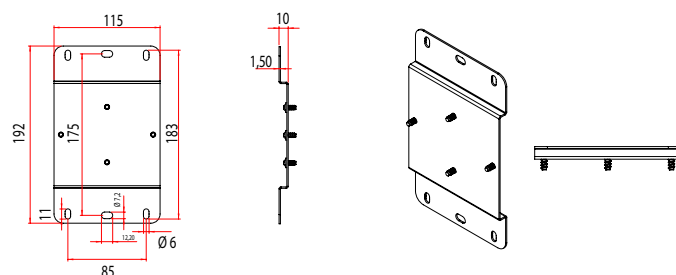
Mounting Tools

Angled Hanger Kit



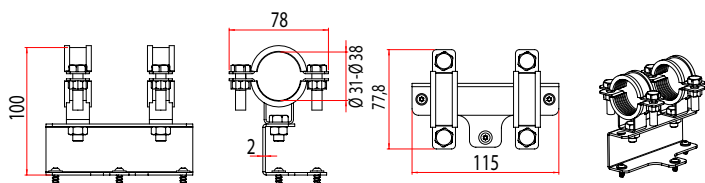
Order Code 3322256

Wall Mount Hanger Kit



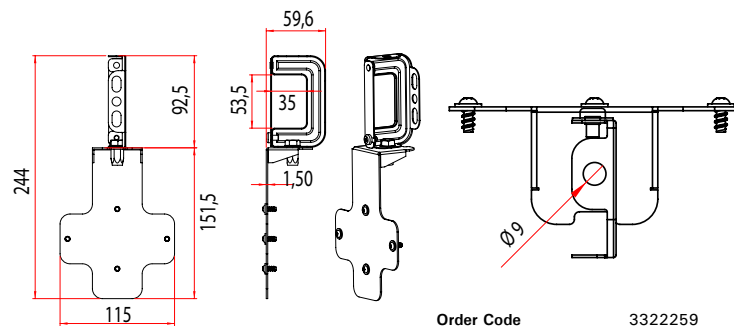
Order Code 3322260

Ø31 - Ø38 Pipe Installation



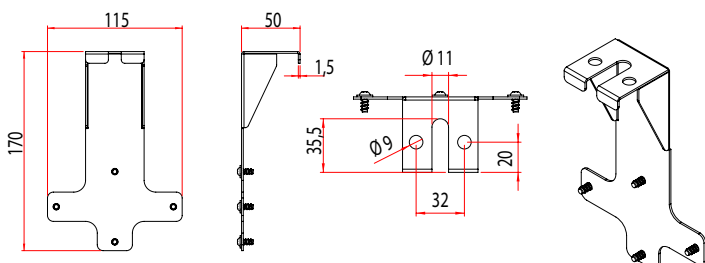
Order Code 3322258

Box Profile Hanger Kit



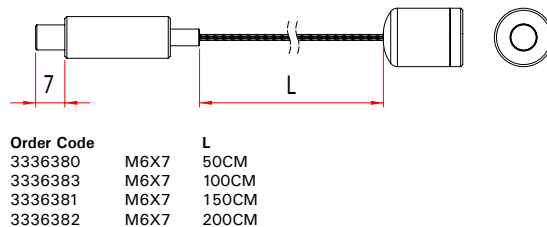
Order Code 3322259

Cable Tray and Ceiling Suspension Set



Order Code 3322261

Elevator Hanger Kit



Order Code	M6X7	L
3336380	M6X7	50CM
3336383	M6X7	100CM
3336381	M6X7	150CM
3336382	M6X7	200CM



Zone 1.21

II 2G Ex db eb mb IIC T6 Gb
II 2D Ex tb IIC T80°C Db



Content



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■ PROLIT KOMPAKT V3 EX ZONE-2.21



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■ PROLIT EX ZONE-2.21



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■ HBC EX ZONE 2.21



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■ DPE-EX ZONE-2.21



32

■ GALIS EX EXIT ZONE-2.21



Zone-2 (Gas)
Zone-21 (Dust)
Zone-22 (Dust)



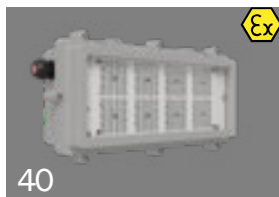
■ GALIS EX-PROOF ZONE-2.21



■ EX-COR ZONE-2.22



■ EX-DUAL EXIT ZONE-2.21



■ EX-DUAL ZONE-2.21



■ LINEX ZONE-2.21

PROLIT KOMPAKT V3 EX ZONE-2.21

The equipment is Explosion-proof Zone-2.21 LED Luminaire. Type of protection increased safety "ec" for Explosive Gas Atmosphere Zone 2 and Type of protection "tb" for Explosive Dust Atmosphere Zone 21 have protection level. LEDs and driver are located in an IP66 protected enclosure. All cables, cable glands and terminal blocks are certified. The size and appearance of each model is the same. Their main differences are power and product features.

Ex-proof Product Features

Zone	: Zone 2.21
Group / Category	: II / 3G / 2D
Protection Class	: ec / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6...T5 / T75...T90°C
Atex Code	: II 3G Ex ec IIC T6...T5Gc II 2D Ex tb IIIC T75...T90°C Db

Mechanical Features

Housing	: Aluminum Injection Housing
Diffuser	: Serigraphy Glass
Sealing	: High Temperature Resistant Silicone Gasket
Gland (Input)	: 1 x M20 Plastic Ex
Mounting Tools	: Internal Foot
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK09

Electrical and Optical Properties

Light Source	: Mid Power LED
Power	: 35 W / 40 W / 55 W / 65 W / 75 W / 100 W
Lumen	: 5100 lm / 5771 lm / 7307 lm / 8636 lm / 9965 lm / 12658 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 2700K / 3000K / 4000K / 5000K / 5700K / 6500K
CRI	: ≥ 80
Optic	: 17° / 20° / 32° / 45° / 60° / 90° / Asymmetric / Street

Other Features

Mounting Options	: Floor
Housing Colour	: SW 306G (Smoked)

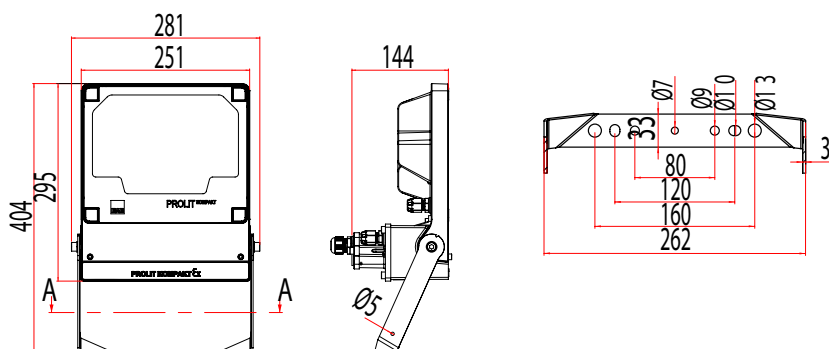
Dimensions

Width	: 281 mm
Length	: 144 mm
Height	: 404 mm
Weight	: 4.1 - 4.5 kg

Options

Gland Input	: M20 Metal Gland and M20 Armored Gland
Gland Output	: M20 Metal Gland and M20 Armored Gland
TRW	: Yes
Emergency Kit	: Yes (1-3 Hours)
DIMKO	: Yes

Technical Drawing (mm)

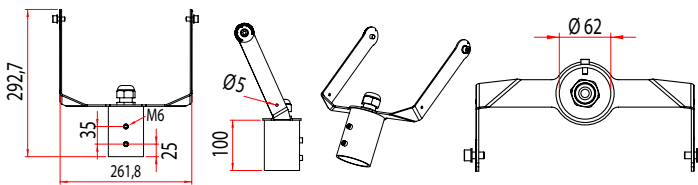


-30 °C +55 °C



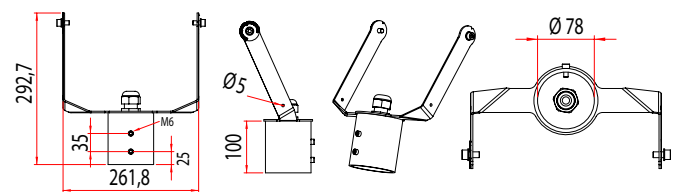
Mounting Tools

Ø60 Pole Installation



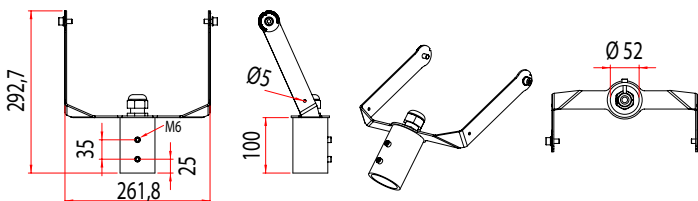
Order Code 3324097

Ø76 Pole Installation



Order Code 3345372

Ø42 - Ø48 Pole Installation



Order Code 3345367



Zone 2.21

II 3G Ex ec IIC T6...T5 Gc
II 2D Ex tb IIIC T75...T90°C Db

PROLIT EX ZONE-2.21

The equipment is Explosion-proof Zone-2.21 LED Luminaire. Type of protection increased safety "ec" for Explosive Gas Atmosphere Zone 2 and Type of protection "tb" for Explosive Dust Atmosphere Zone 21 have protection level. LEDs and driver are located in an IP66 protected enclosure. All cables, cable glands and terminal blocks are certified. The size and appearance of each model is the same. Their main differences are power and product features.

Ex-proof Product Features

Zone	: Zone 2.21
Group / Category	: II / 3G / 2D
Protection Class	: ec / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6...T5 / T80...T90°C
Atex Code	: II 3G Ex ec IIC T6...T5Gc II 2D Ex tb IIIC T80...T90°C Db

Mechanical Features

Housing	: Aluminum Injection Housing
Diffuser	: Tempered Glass
Sealing	: High Temperature Resistant Silicone Gasket
Gland (Input)	: 1 x M20 Plastic Ex
Mounting Tools	: Internal Foot
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK09

Electrical and Optical Properties

Light Source	: Power LED
Power	: 75W / 98W / 132W / 157W / 200W
Lumen	: 11488 lm / 15214 lm / 18208 lm / 21531 lm / 27167 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 4000K / 5000K / 5700K / 6500K
CRI	: ≥ 80
Optic	: 17° / 20° / 32° / 45° / 60° / 90° / AS / Street

Other Features

Mounting Options:	Ceiling, Cable Tray, Pole
Housing Colour	: MW 3004 (Black)

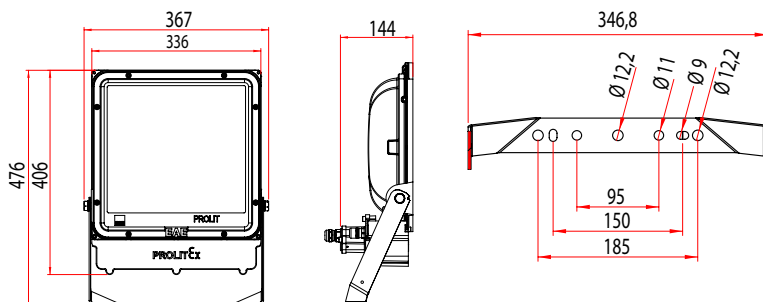
Dimensions

Width	: 367 mm
Length	: 144 mm
Height	: 476 mm
Weight	: 9 Kg

Options

Gland Input	: M20 Metal Gland and M20 Armored Gland
Gland Output	: M20 Metal Gland and M20 Armored Gland
TRW	: Yes
Emergency Kit	: Yes (1-3 Hours)
DIMKO	: Yes

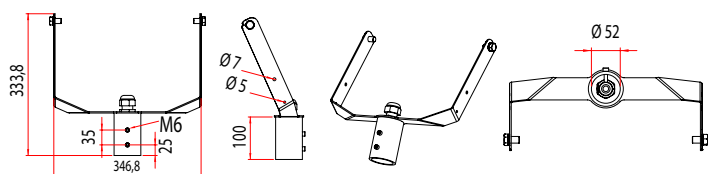
Technical Drawing (mm)





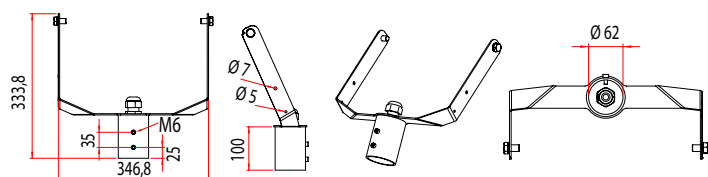
Mounting Tools

Ø42 - Ø48 Pole Installation



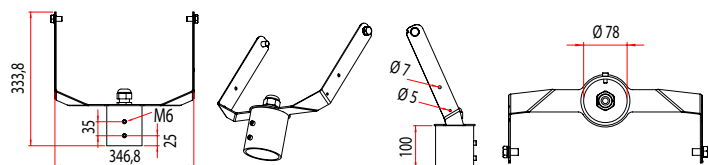
Order Code 3345373

Ø60 Pole Installation



Order Code 3345376

Ø76 Pole Installation



Order Code 3345377



Zone 2.21

II 3G Ex ec IIC T6...T5Gc
II 2D Ex tb IIIC T80...T90°C Db

HBC EX ZONE-2.21

The equipments are Explosion-proof LED Luminaires. They are protected “nR” and Dust Ignition Protection by Enclosure “tb” purposed to used in Explosive Gas Atmosphere Zone 2 and Explosive Dust Atmosphere Zone 21. The luminaire constructed by LED driver and LED chips panel in the IP 66 enclosure. All the cable gland, breathing and drain device and terminal blocks are certified. The size and appearance of each models are the same, mainly differences are the rated power.

Ex-proof Product Features

Zone	: Zone 2.21 / 2.22
Group / Category	: II / 3G / 2D
Protection Class	: nR / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T5 / T95°C - T6 / T85°C
Atex Code	: II 3G Ex nR IIC T6...T5 Gc II 2D Ex tb IIIC T80...T95°C Db

Mechanical Features

Housing	: Aluminum Injection Housing
Diffuser	: Tempered Glass & PC Lens
Sealing	: High Temperature Resistant Silicone Gasket
Gland (Input)	: 1 x M16
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK10

Electrical and Optical Properties

Light Source	: Mid Power LED
Power	: 75W / 98W / 115W / 154W / 181W / 197W
Lumen	: 8000 lm / 11470 lm / 13410 lm / 17517 lm / 19219 lm / 20125 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 2700K / 3000K / 4000K / 5000K / 5700K / 6500K
CRI	: ≥ 80
Optic	: 50° / 80°

Other Features

Mounting Options	: Ceiling, Cable Tray, Pendant,
Housing Colour	: SW 306G (Smoked)

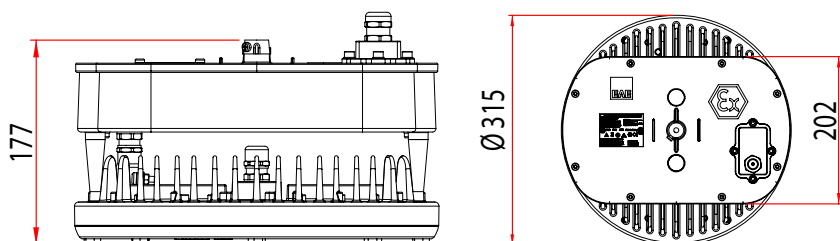
Dimensions

Width	: Ø315 mm
Height	: 177 mm
Weight	: 6.5 - 7.5 kg

Options

Gland Input	: M16, M20, M25, NPT 3/4 and Armored Glands
Gland Output	: M16, M20 and Armored Glands
DALI	: Yes
Emergency Kit	: Yes (1-3 Hours) (Only for 75W, 98W and 115W Products)
TRW	: Yes

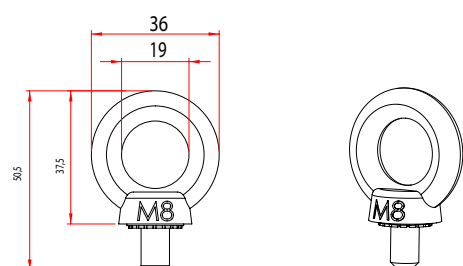
Technical Drawing (mm)





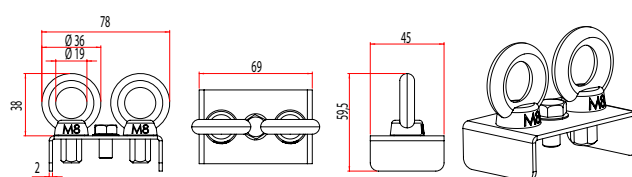
Mounting Tools

M8 Eyebolt (Single) Hanger Set



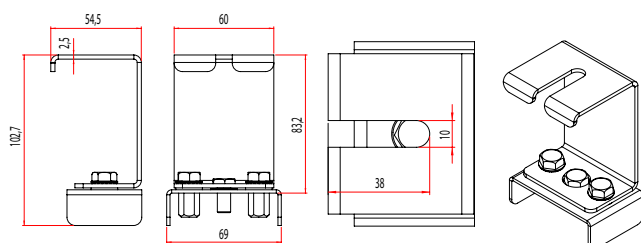
Order Code 3096325

M8 Double Eyebolt Hanger Set



Order Code 3224449

Emergency Kit Cable Tray Hanger Set



Order Code 3188240



Zone 2.21 / 2.22

II 3G Ex nR IIC T5,T6 Gc
II 2D Ex tb IIIC T80...T95°C Db

DPE-EX ZONE-2.21

The equipment is an explosion proof LED Lighting Fixture. Protected “nR” and Dust Ignition Protection by Enclosure “tb” purposed to used in Explosive Gas Atmosphere Zone 2 and Explosive Dust Atmosphere Zone 21. The luminaire constructed by LED driver and LED chips panel in the IP 65 enclosure. All the cable gland, breathing and drain device and terminal blocks are Ex certified. The size and appearance of each models are the same, mainly differences are the rated power.

Ex-proof Product Features

Zone : Zone 2 / 21
Group / Category : II / 3G / 2D
Protection Class : nR / tb
Explosion Group : IIC / IIIC
Maximum Surface Temperature Class : T6 / T75°C
Certificate Code : II 3G Ex nR IIC T6 Gc
II 2D Ex tb IIIC T75°C Db

Mechanical Features

Housing : Sheet Metal Body
Diffuser : Tempered Glass
Sealing : TPV Gasket
Gland (Input) : 1 x M16
Gland (Outlet) : 1 x M16
Screws and Bolts : IP65
IK Protection Class : IK07

Electrical and Optical Properties

Light Source : Mid Power LED

D Type (Housing 1)						
W	36	40	44	48	52	55
Lm	4398	4833	5268	5700	6131	6562

V Type (Housing 2)		
W	87	127
Lm	10000	14592

Z Type (Housing 2)		
W	87	127
Lm	10000	14592

D Type (Housing 2)														
W	59	63	67	71	73	75	79	83	87	91	97	103	105	113
Lm	6989	7414	7840	8262	8683	8800	9105	9522	10000	10600	11299	12000	12140	12976

*Consumption Power (W)

*Lumen (Lm)

Input Voltage : 220-240V (50-60 Hz)
Colour Temperature : 2700K / 3000K / 4000K / 5000K / 5700K / 6500K
CRI : ≥ 80
Optic : 120°

Options

Gland Input : M16, M20, M25, NPT 3/4 and Armored Glands
Gland Output : M16, M20 and Armored Glands
DALI : Yes
Emergency Kit : Yes (1-3 Hours)
Mounting Options : Wall Mounting
TRW : Yes

Other Features

Mounting Options : Sheet Metal Panel
Housing Colour : RAL 9016 (Traffic White)

Dimensions (mm)

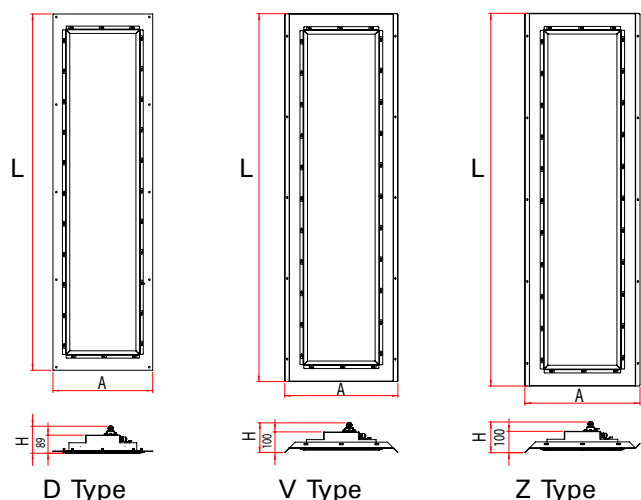
D Type
Width : 490
Length (L) : 1150 / 1750
Height : 134

V Type
Width : 490
Length (L) : 1754
Height : 147

Z Type
Width : 490
Length (L) : 1754
Height : 147

Weight : 19 - 23 Kg

Technical Drawings (mm)



-20°C +45°C



Zone 2.21 / 2.22

II 3G Ex nR IIC T6 Gc

II 2D Ex tb IIIC T75°C Db

GALIS EX EXIT ZONE-2.21

The equipments are Explosion-proof LED Luminaires. Type of protection “nR” and Dust Ignition Protection by Enclosure “tb”purposed to used in Explosive Gas Atmosphere Zone 2 and Explosive Dust Atmosphere Zone 21. The luminaire constructed by LED driver and LED chips panel in the IP 66 enclosure. All the cable gland, breathing and drain device and terminal blocks are certified. It is an emergency lighting and guidance luminaire. It shows the direction of emergency escape with the direction signs on it.

Ex-proof Product Features

Zone	: Zone 2.21 / 2.22
Group / Category	: II / 3G / 2D
Protection Class	: nR / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6 / T55°C
Atex Code	: II 3G Ex nR IIC T6 Gc II 2D Ex tb IIIC T55°C Db

Mechanical Features

Housing	: Aluminum Extrusion Body
Diffuser	: Tempered Glass
Sealing	: High Temperature Resistant Silicone Gasket
Gland	: 1 x M20
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK09

Electrical and Optical Properties

Light Source	: Mid Power LED
Power	: 5W
Lumen	: 629 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 2700K / 3000K / 4000K / 5000K / 5700K / 6500K
CRI	: ≥80
Optic	: 120°

Other Features

Mounting Options	: Pipe, Angular, Box Profile, Pendant, Ceiling
Housing Colour	: SW0964 / RAL 9006 (Metallic Gray)

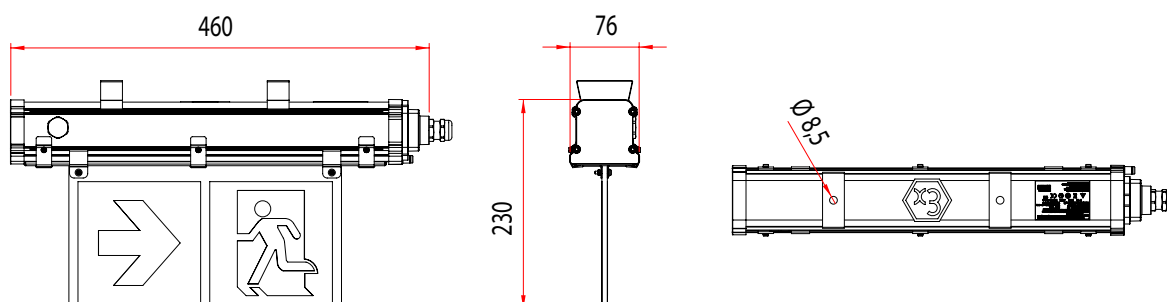
Dimensions

Width	: 76 mm
Length	: 460 mm
Height	: 230 mm
Weight	: 2,1 Kg

Options

Gland Input	: M20, M25, NPT 3/4 and Armored Glands
Emergency Kit	: Yes (1-3 Hours), Activated by Power Outage
TRW	: No

Technical Drawing (mm)

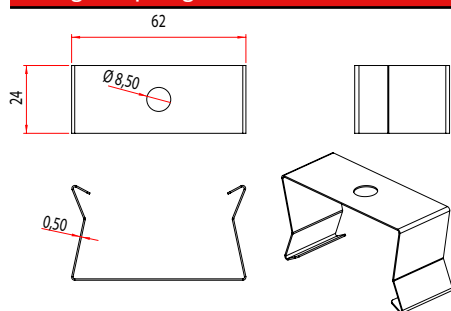


+5°C +40°C



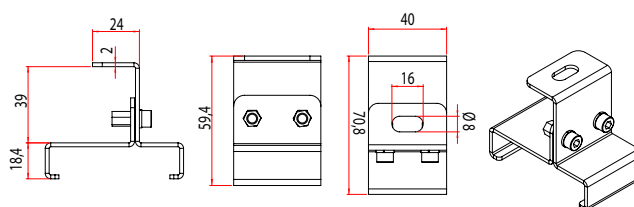
Mounting Tools

Hanger Spring



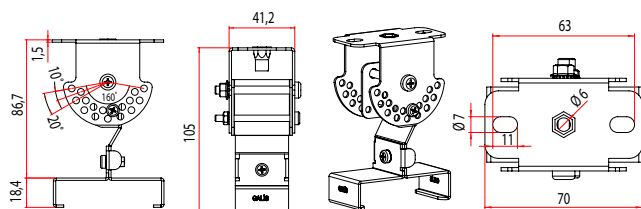
Order Code 1006876

Fixed Hanger Set (Double)



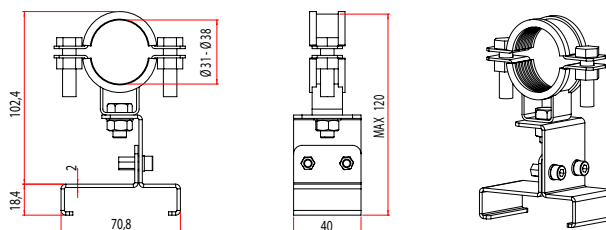
Order Code 3164773 (2x)

Angled Hanger Set (Stainless)



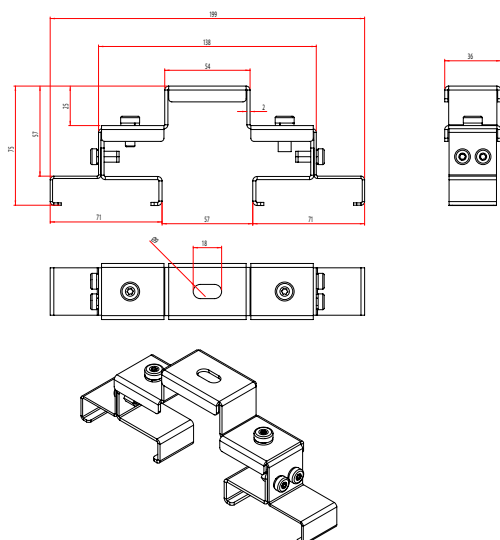
Order Code 3236243
3358526 (2x)

Ø31 - Ø38 Pipe Hanger Set



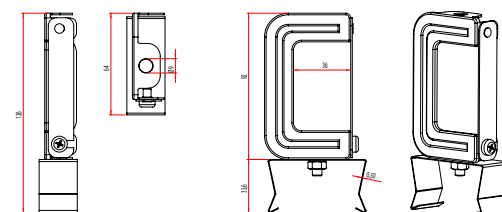
Order Code 3290438
3358538 (2x)

Dual Hanger Set (1x)



Order Code 3403832

Box Profile Hanger Set (2x)



Order Code 3290008



Zone 2.21 / 2.22
II 3G Ex nR IIC T6 Gc
II 2D Ex tb IIIC T55°C Db

GALIS EX-PROOF ZONE-2.21

The equipments are Explosion-proof LED Luminaires. Type of protection “nR” and Dust Ignition Protection by Enclosure “tb” purposed to used in Explosive Gas Atmosphere Zone 2 and Explosive Dust Atmosphere Zone 21. The luminaire constructed by LED driver and LED chips panel in the IP 66 enclosure. All the cable gland, breathing and drain device and terminal blocks are certified.

Ex-proof Product Features

Zone	: Zone 2.21 / 2.22
Group / Category	: II / 3G / 2D
Protection Class	: nR / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6 / T55°C
Atex Code	: II 3G Ex nR IIC T6 Gc II 2D Ex tb IIIC T55°C Db

Mechanical Features

Housing	: Aluminum Extrusion Body
Diffuser	: Tempered Glass
Sealing	: Temperature Resistant Silicone Gasket
Gland (Input)	: 1 x M20
Gland (Output)	: 1 x M20
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK09

Electrical and Optical Properties

Light Source	: Mid Power LED
Power	: 19W / 23W / 28W / 37W / 55W / 70W
Lumen	: 2443 lm / 3158 lm / 4106 lm / 5208 lm / 7711 lm / 9716 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 2700K / 3000K / 4000K / 5000K / 5700K / 6500K
CRI	: ≥ 80
Optic	: 120°

Other Features

Mounting Options	: Pipe, Angled, Profile, Pendant, Ceiling
Housing Colour	: SW0964 / RAL 9006 (Metallic Gray)

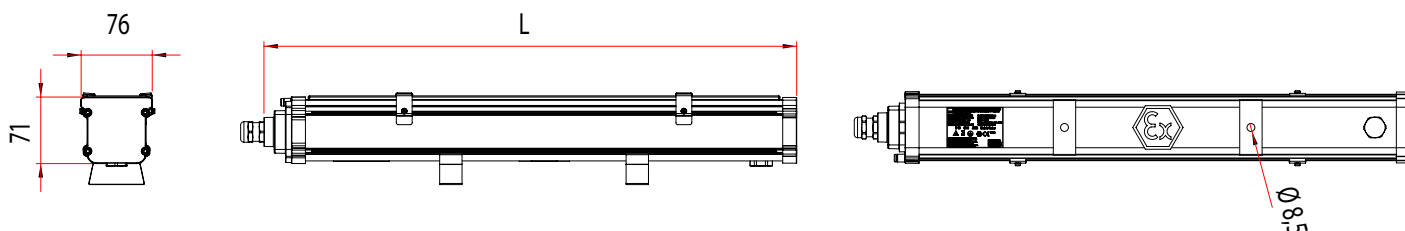
Options

Gland Input	: M20, M25, NPT 3/4 and Armored Glands
Gland Output	: M20, M25, NPT 3/4 and Armored Glands
Emergency Kit	: Yes (1-3 Hours) Only (23W, 28W, 37W, 55W and 70W Products)
TRW	: Yes

Dimensions

Width	: 76 mm
Length STD. (L)	: 566 mm / 886 mm / 1286 mm / 1528 mm
Length TRW (L)	: 595 mm / 915 mm / 1315 mm / 1557 mm
Height	: 71 mm
Weight	: 2,3 - 5,4 kg

Technical Drawing (mm)

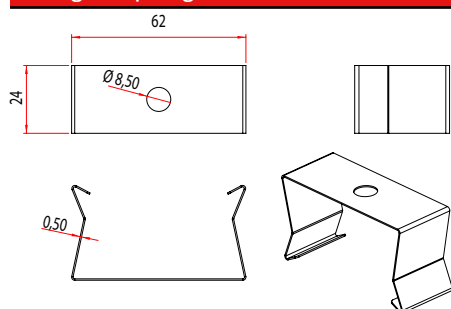


-20°C +40°C



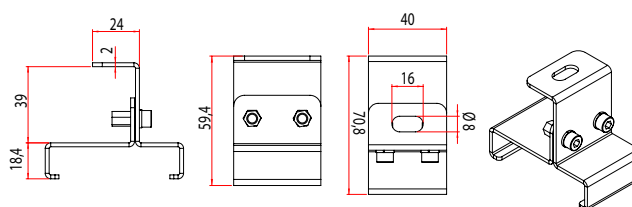
Mounting Tools

Hanger Spring



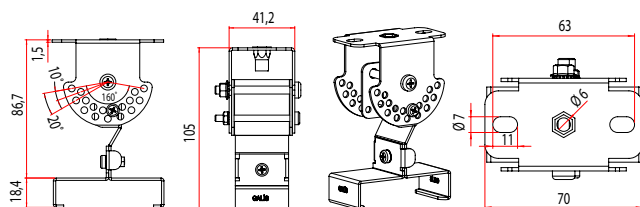
Order Code 1006876

Fixed Hanger Set (Double)



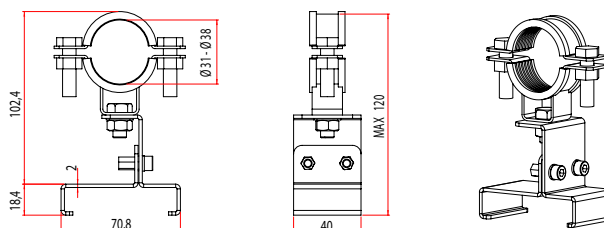
Order Code 3164773 (2x)

Angled Hanger Set (Stainless)



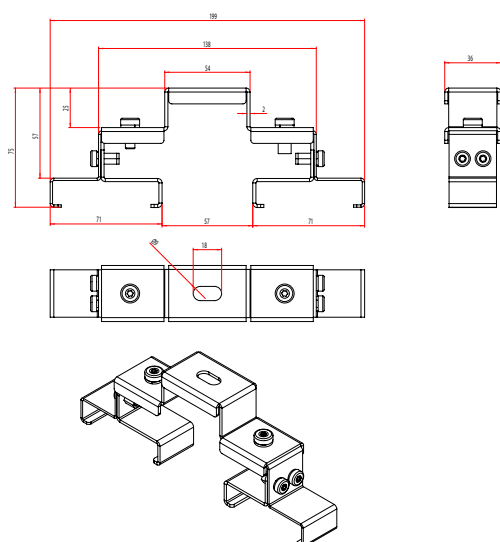
Order Code 3236243
3358526 (2x)

Ø31 - Ø38 Pipe Installation



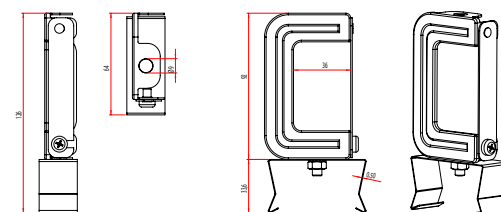
Order Code 3290438
3358538 (2x)

Dual Hanger Set (1x)



Order Code 3403832

Box Profile Hanger Set (2x)



Order Code 3290008



Zone 2.21 / 2.22

II 3G Ex nR IIC T6 Gc

II 2D Ex tb IIC T55°C Db

EX-COR ZONE-2.22

The equipments are Explosion-proof LED Luminaires. Type of protection "nR" and Dust Ignition Protection by Enclosure "tc" purposed to used in Explosive Gas Atmosphere Zone 2 and Explosive Dust Atmosphere Zone 22. The luminaire constructed by LED driver and LED chips panel in the IP65 enclosure. All the cable gland, breathing and drain device and terminal blocks are certified.

Ex-proof Product Features

Zone	: Zone 2.22
Group / Category	: II / 3GD
Protection Class	: nR / tc
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6 / T65°C
Atex Code	: II 3G Ex nR IIC T6 Gc II 3D Ex tc IIIC T65°C Dc

Mechanical Features

Housing	: GRP Body (Glass reinforced polyester)
Diffuser	: PC (Polycarbonate) Opal Diffuser
Sealing	: Polyurethane Casting Gasket
Gland (Input)	: 1x M20 Plastic Ex
Gland (Outlet)	: 1x M20 Plastic Ex
Screws and Bolts	: AISI 301 Stainless Steel
IP	: IP65
IK Protection Class	: IK08

Electrical and Optical Properties

Light Source	: Mid Power LED
Power	: 29W / 40W / 51W / 60W / 72W / 81W
Lumen	: 3478 lm / 5117 lm / 6487 lm / 7538 lm / 8961 lm / 9906 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 2700K / 3000K / 4000K / 5000K / 5700K / 6500K
CRI	: ≥ 80
Optic	: 120°

Other Features

Mounting Options	: Ceiling, Wall, Cable Tray, Pendant
Housing Colour	: RAL 7035 (Gray)

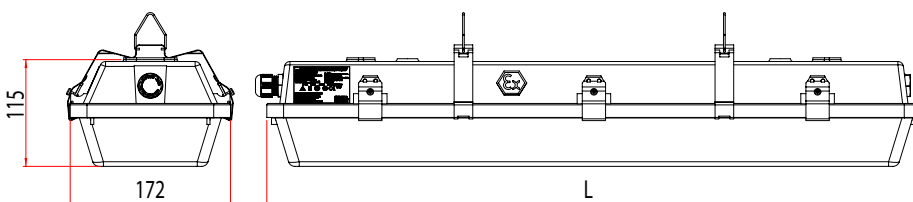
Options

Gland Input	: M20, M25 and Armored Glands
Gland Output	: M20, M25 and Armored Glands
DALI	: Yes
Emergency Kit	: Yes (1-3 Hours)
TRW	: Yes

Dimensions

Width	: 172 mm
Length (L)	: 702 mm / 1312 mm / 1602 mm
Height	: 115 mm
Weight	: 2,6 - 4,3 kg

Technical Drawing (mm)

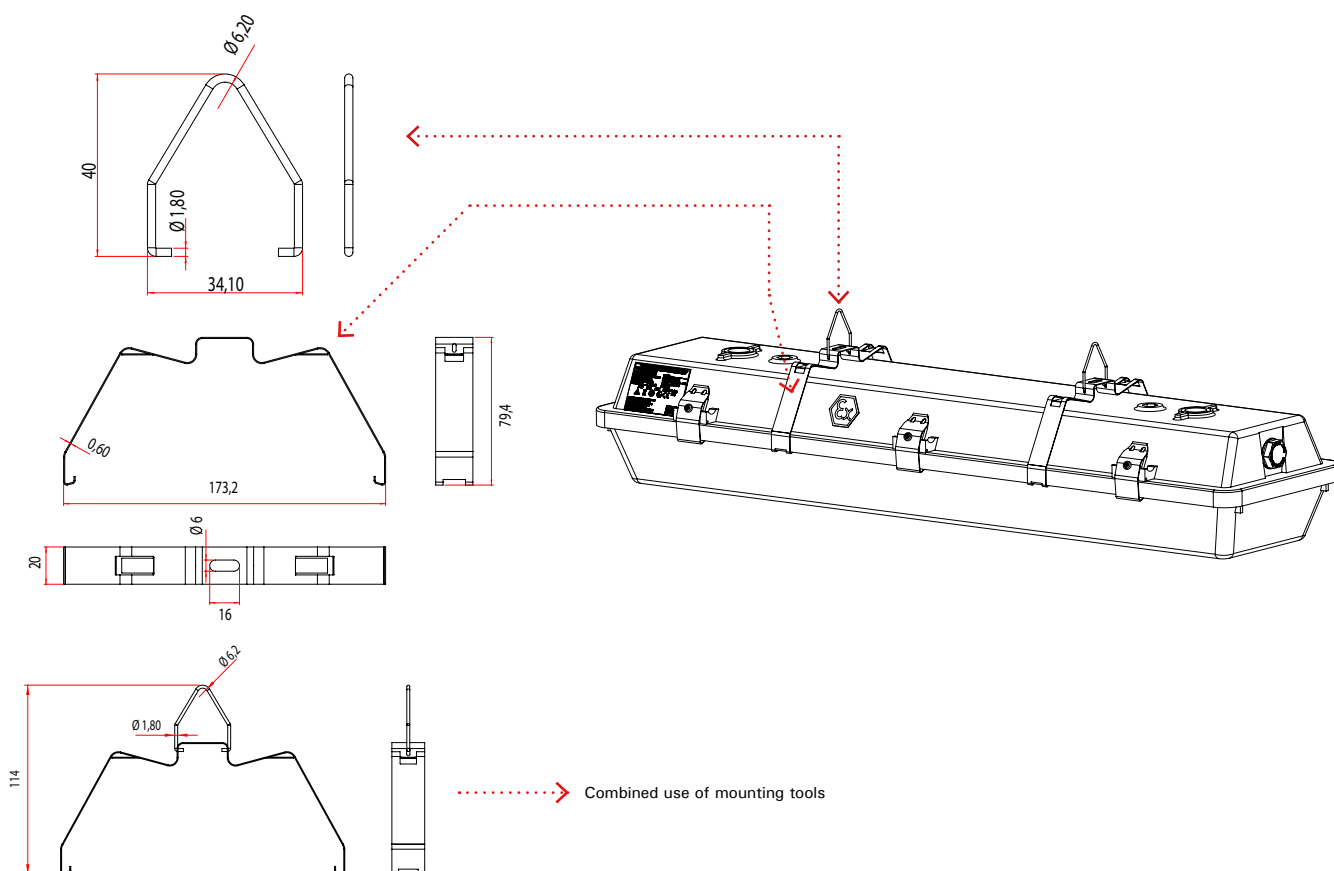


-20°C +50°C

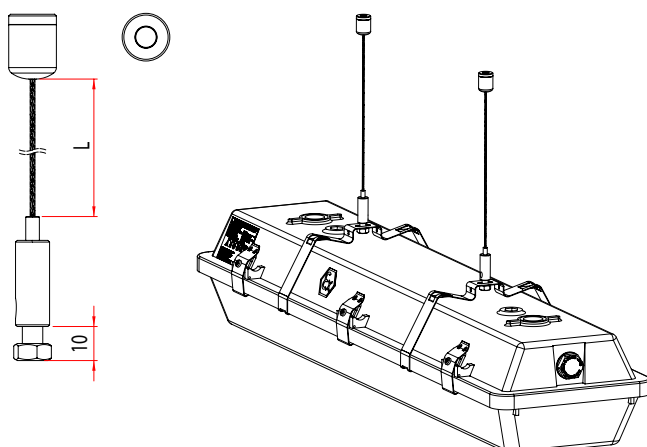


Mounting Tools

Fixed Use



Elevator Hanger Kit (50CM / 100CM / 150CM / 200CM)



Order Code	M6X10	L
3325607	M6X10	50CM
3325604	M6X10	100CM
3325605	M6X10	150CM
3325606	M6X10	200CM



Zone 2.22

II 3G Ex nR IIC T6 Gc
II 3D Ex tc IIIC T65°C Dc

EX-DUAL EXIT ZONE-2.21

The equipment is Explosion-proof Zone-2.21 LED Escape luminaire. Type of protection “nR” for Explosive Gas Atmosphere Zone 2 and Type of protection “tb” for Explosive Dust Atmosphere Zone 21 have protection level. LEDs and driver are located in an IP66 protected enclosure. All cables, cable glands and terminal blocks are certified. The size and appearance of each model is the same. Their main differences are product features.

Ex-proof Product Features

Zone	: Zone 2.21
Group / Category	: II / 3G / 2D
Protection Class	: nR / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6 / T80°C
Atex Code	: II 3G Ex nR IIC T6 Gc II 2D Ex tb IIIC T80°C Db

Mechanical Features

Housing	: GRP Body (Glass reinforced polyester)
Diffuser	: Tempered Glass and Sticker
Sealing	: High Temperature Resistant Silicone Gasket
Gland (Input)	: 1 x M16 Plastic Ex
Gland (Output)	: 1 x M16 Plastic Ex
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK08

Electrical and Optical Properties

Light Source	: Mid Power LED
Power	: 6W
Lumen	: 107 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 2700K / 3000K / 4000K / 5000K / 5700K / 6500K
CRI	: ≥ 80
Optic	: 120°

Other Features

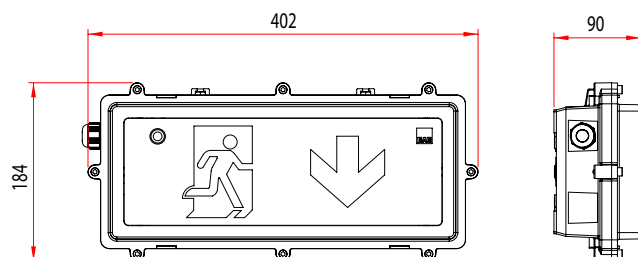
Mounting Options	: Ceiling, Wall, Pipe, Cable Tray, Pendant
Housing Colour	: RAL 7047 (Gray)

Options

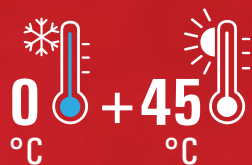
Gland Input	: M16, M20, M25, NPT 3/4 and Armored Glands
Gland Output	: M16, M20, M25, NPT 3/4 and Armored Glands
DALI	: Yes
Emergency Kit	: Yes (1-3 Hours), Activated by Power Outage
TRW	: Yes

Dimensions

Width	: 90 mm
Length	: 402 mm
Height	: 184 mm
Weight	: 3 - 3.2 Kg

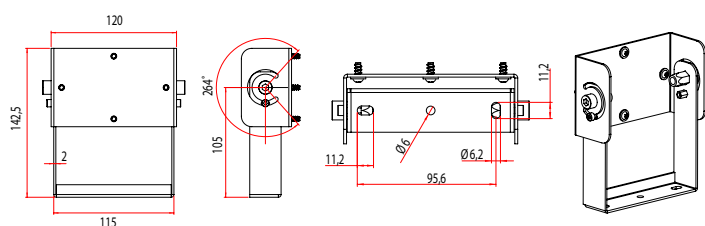


Technical Drawing (mm)



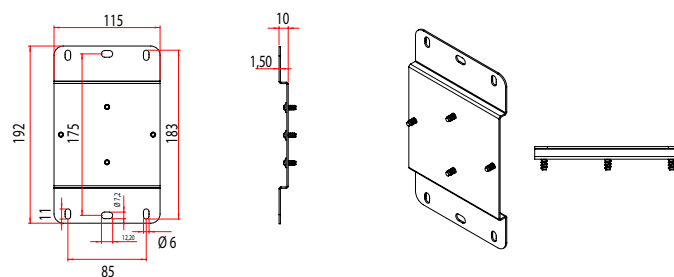
Mounting Tools

Angled Hanger Kit



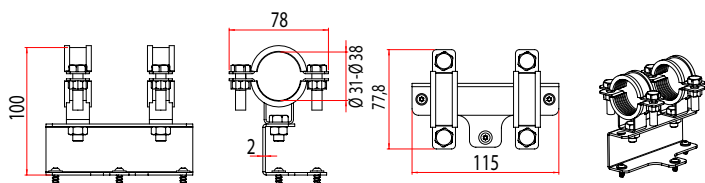
Order Code 3322256

Wall Mount Hanger Kit



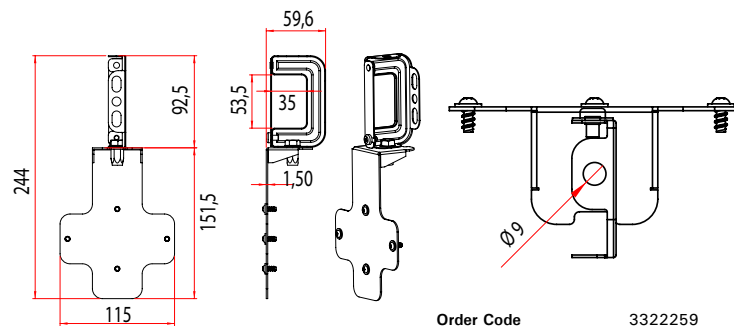
Order Code 3322260

Ø31 - Ø38 Pipe Installation



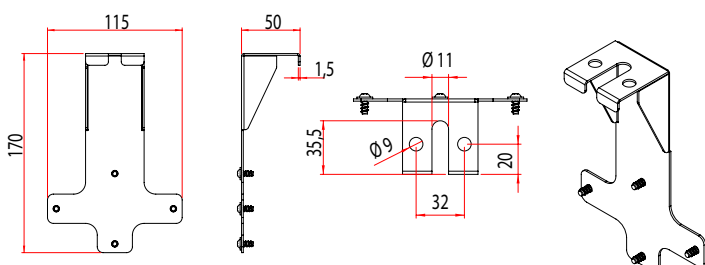
Order Code 3322258

Box Profile Hanger Set



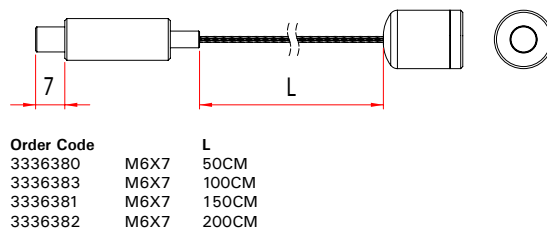
Order Code 3322259

Cable Tray and Ceiling Suspension Set



Order Code 3322261

Elevator Hanger Kit



Zone 2.21 / 2.22

II 3G Ex nR IIC T6 Gc
II 2D Ex tb IIIC T80°C Db

EX-DUAL ZONE-2.21

The equipment is Explosion-proof Zone-2.21 LED Luminaire. Type of protection “nR” for Explosive Gas Atmosphere Zone 2 and Type of protection “tb” for Explosive Dust Atmosphere Zone 21 have protection level. LEDs and driver are located in an IP66 protected enclosure. All cables, cable glands and terminal blocks are certified. The size and appearance of each model is the same. Their main differences are power and product features.

Ex-proof Product Features

Zone	: Zone 2 / Zone 21
Group / Category	: II / 3G / 2D
Protection Class	: nR / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6 / T80°C
Atex Code	: II 3G Ex nR IIC T6 Gc II 2D Ex tb IIIC T80°C Db

Mechanical Features

Housing	: GRP Body (Glass reinforced polyester)
Diffuser	: Tempered Glass & PC Lens
Sealing	: High Temperature Resistant Silicone Gasket
Gland (Input)	: 1 x M16 Plastic Ex
Gland (Output)	: 1 x M16 Plastic Ex
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK08

Electrical and Optical Properties

Light Source	: Mid Power LED
Power	: 26W / 33W / 42W
Lumen	: 3414 lm / 4195 lm / 5276 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 2700K / 3000K / 4000K / 5000K / 5700K / 6500K
CRI	: ≥ 80
Optic	: 18° / 23° / 30° / 46° / 60° / 90°

Other Features

Mounting Options	: Ceiling, Wall, Pipe, Cable Tray, Pendant
Housing Colour	: RAL 7047 (Gray)

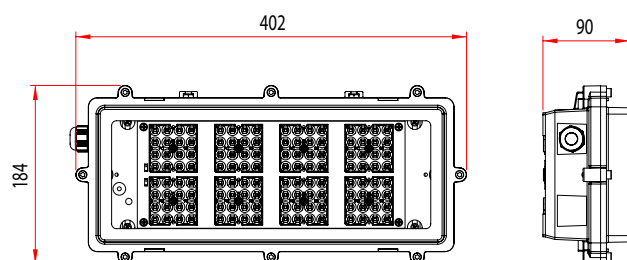
Options

Emergency Kit	: Yes (1-3 Hours)
DALI	: Yes
TRV	: Yes

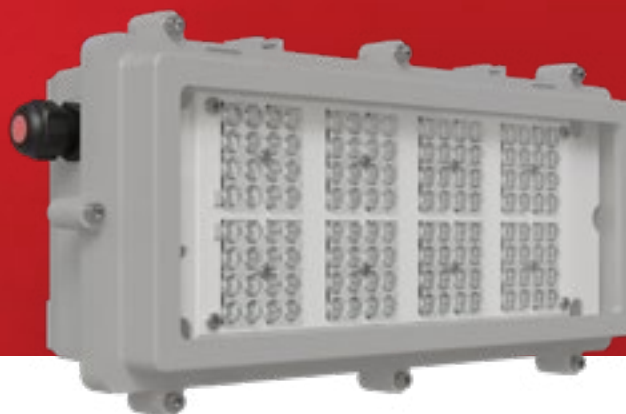
Dimensions

Width	: 90 mm
Length	: 402 mm
Height	: 184 mm
Weight	: 3 - 3.2 Kg

Technical Drawing (mm)

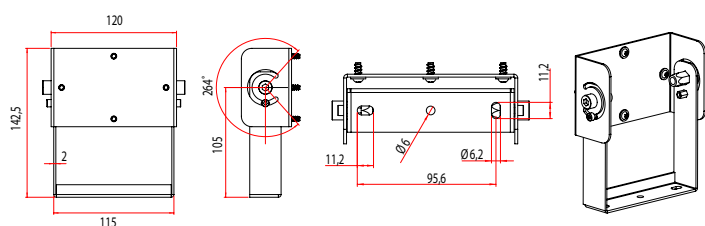


-20°C +55°C



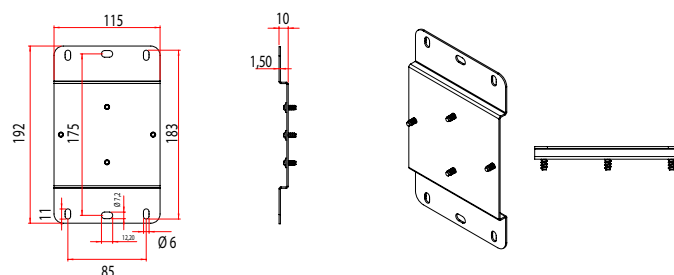
Mounting Tools

Angled Hanger Kit



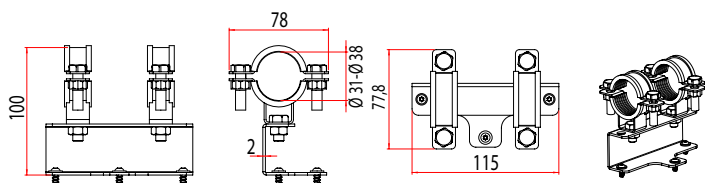
Order Code 3322256

Wall Mount Hanger Kit



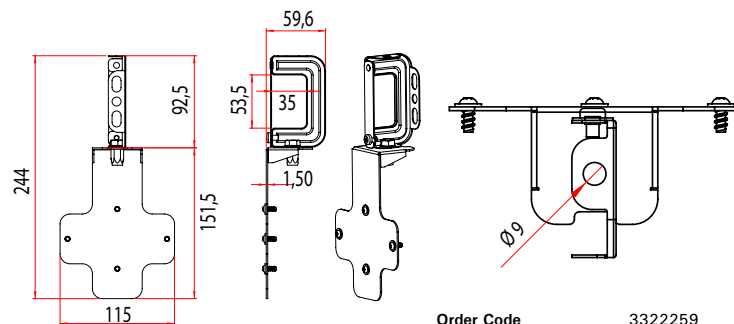
Order Code 3322260

Ø31 - Ø38 Pipe Installation



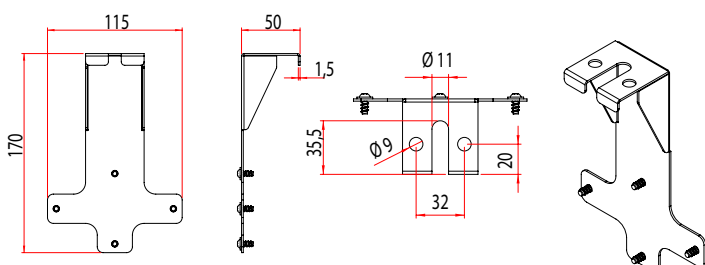
Order Code 3322258

Box Profile Hanger Set



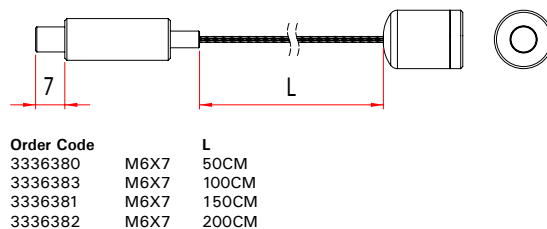
Order Code 3322259

Cable Tray and Ceiling Suspension Set



Order Code 3322261

Elevator Hanger Kit



Order Code	M6X7	L
3336380	M6X7	50CM
3336383	M6X7	100CM
3336381	M6X7	150CM
3336382	M6X7	200CM



Zone 2.21 / 2.22

II 3G Ex nR IIC T6 Gc
II 2D Ex tb IIIC T80°C Db

LINEX ZONE-2.21

The equipment is Explosion-proof Zone-2.21 LED Luminaire. Type of protection "ec" for Explosive Gas Atmosphere Zone 2 and Type of protection "tb" for Explosive Dust Atmosphere Zone 21 have protection level. LEDs and driver are located in an IP66 protected enclosure. All cables, cable glands and terminal blocks are certified. The appearance of each model is the same. Their main differences are length, power and product features.

Ex-proof Product Features

Zone	: Zone 2 / Zone 21
Group / Category	: II / 3G / 2D
Protection Class	: ec / tb
Explosion Group	: IIC / IIIC
Maximum Surface Temperature Class	: T6 / T85°C
Atex Code	: II 3G Ex ec IIC T6 Gc II 2D Ex tb IIIC T85°C Db

Mechanical Features

Housing	: Aluminum Extrusion Body
Diffuser	: PC Opal Diffuser
Sealing	: High Temperature Resistant Silicone Gasket
Gland (Input)	: 1 x M20 Plastic Ex
Gland (Outlet)	: 1 x M20 Plastic Ex
Screws and Bolts	: AISI 316 Stainless Steel
IP	: IP66
IK Protection Class	: IK07

Electrical and Optical Properties

Light Source	: LED
Consumption Power	: 25W / 30W / 34W / 40W / 56W / 64W / 73W / 79W
Lumen	: 3267 lm / 3945 lm / 4453 lm / 5277 lm / 7417 lm / 8340 lm / 9443 lm / 10328 lm
Input Voltage	: 220-240V (50-60 Hz)
Colour Temperature	: 2700K / 3000K / 4000K / 5000K / 5700K / 6500K
CRI	: ≥ 80
Optic	: 120°

Options

Gland	: M20 Armored Gland
Emergency Kit	: Yes (1-3 Hours)
DALI	: Yes
TRW	: Yes

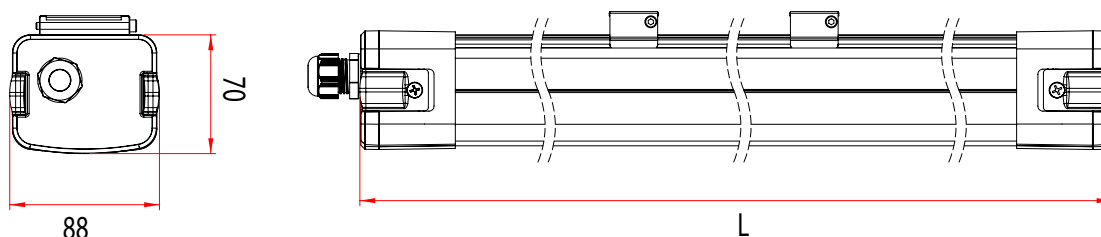
Other Features

Mounting Options	: Surface Mount
Housing Colour	: RAL 9016 (Gray White)

Dimensions

Width	: 88 mm
Length (L)	: 1200 mm / 1500 mm
Height	: 70 mm
Weight	: 1,9 - 2,5 kg

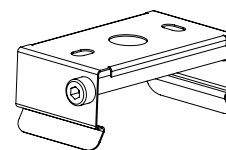
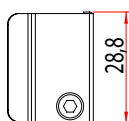
Technical Drawing (mm)



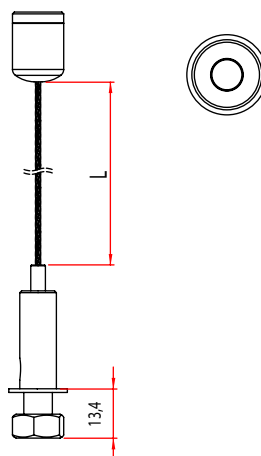


Technical drawing of a rectangular plate with the following dimensions:

- Overall width: 53
- Inner width (between mounting holes): 35
- Overall height: 7
- Central hole diameter: $\varnothing 10$
- Mounting hole diameter: $\varnothing 4$



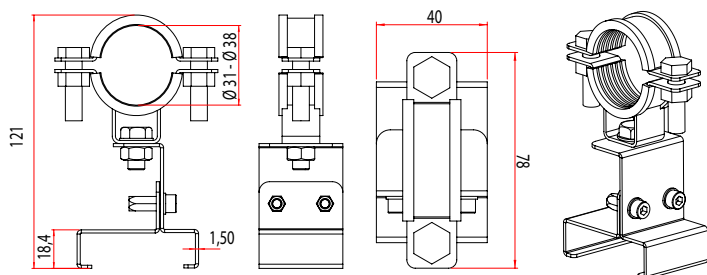
Elevator Hanger Kit



Order Code		L
3142319	M8X13,5	50CM
3142320	M8X13,5	100CM
3142321	M8X13,5	150CM
3142322	M8X13,5	200CM
3142323	M8X13,5	300CM
3142324	M8X13,5	500CM

[illegible]

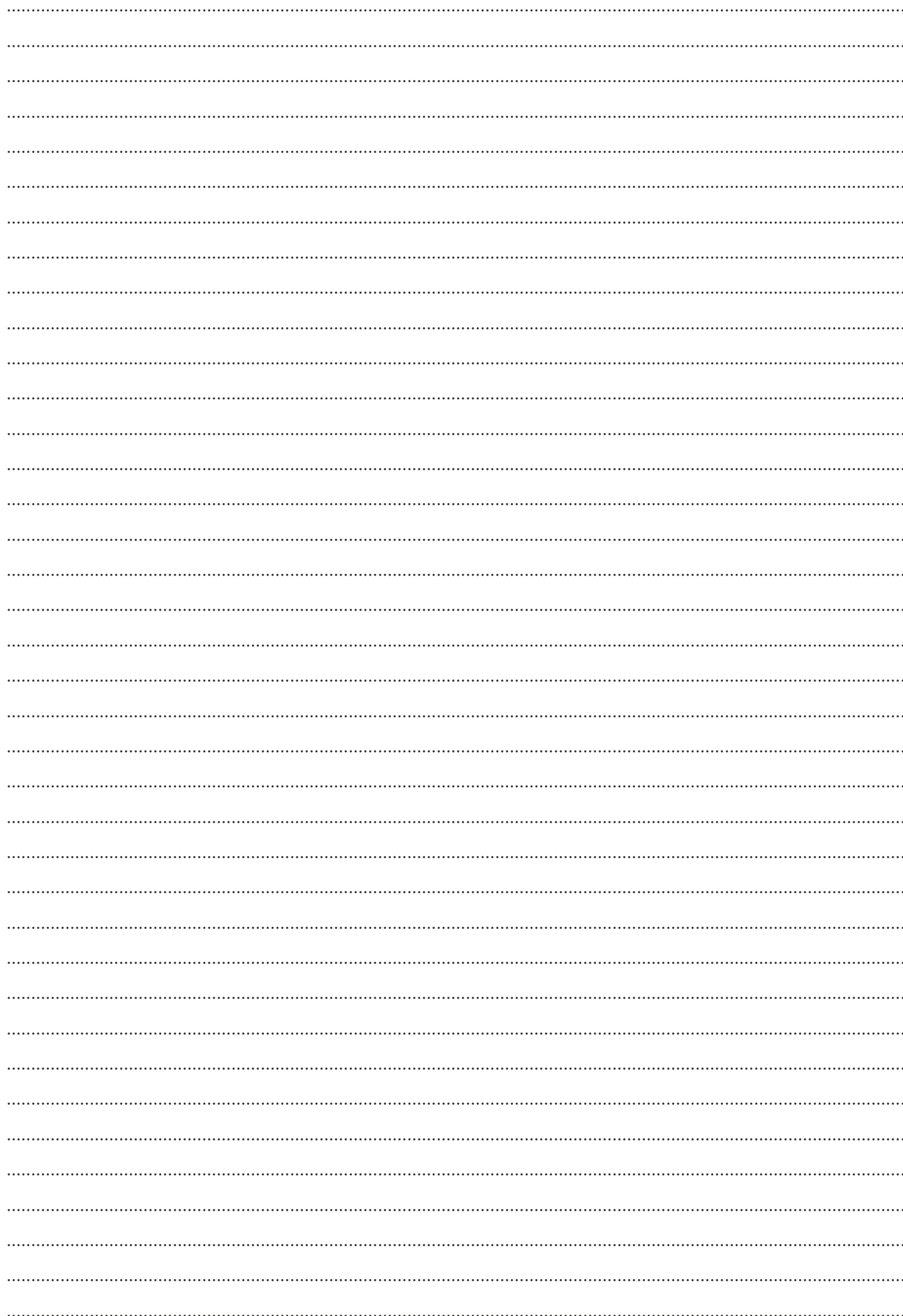
Ø31 - Ø38 Pipe Installation

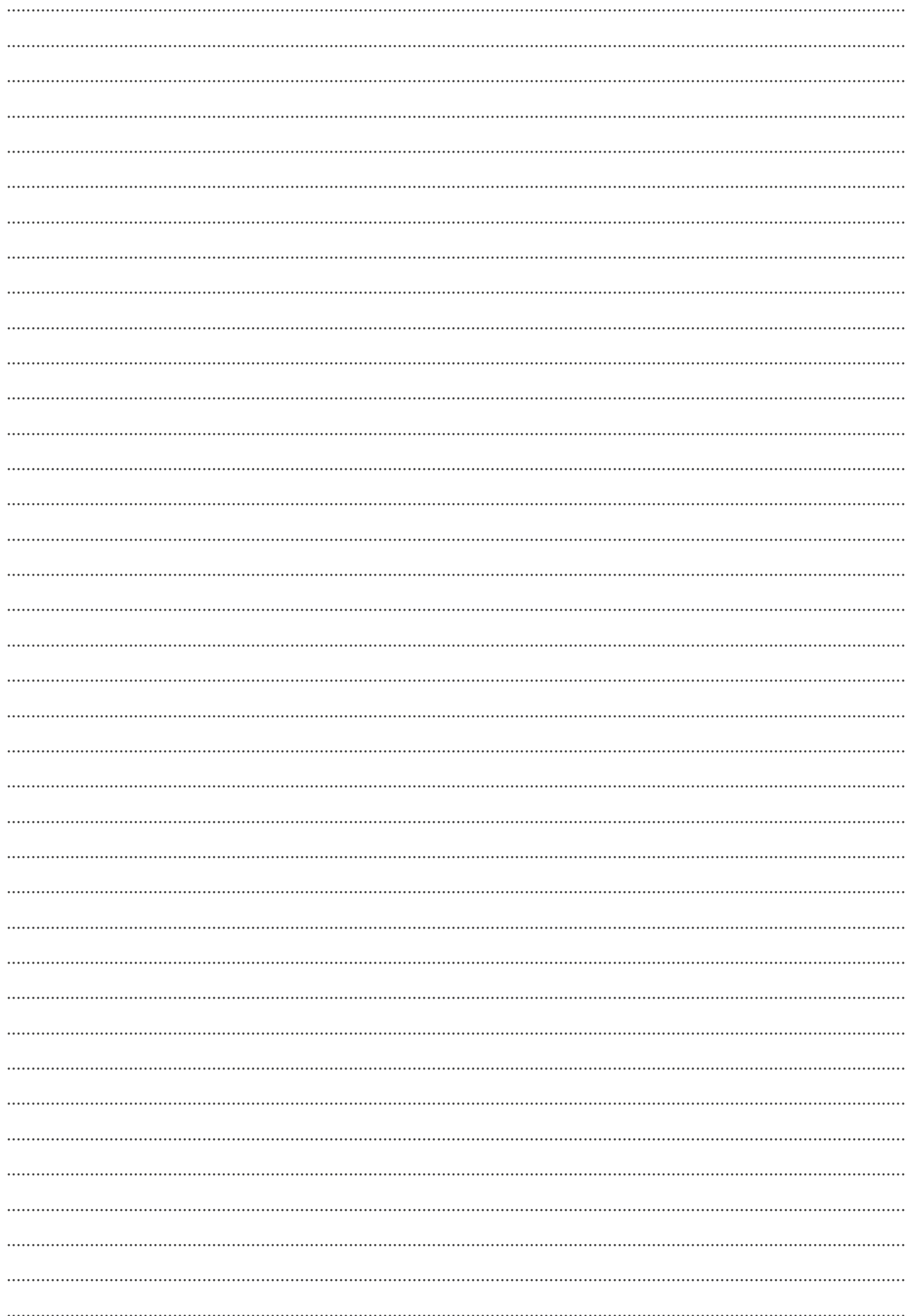


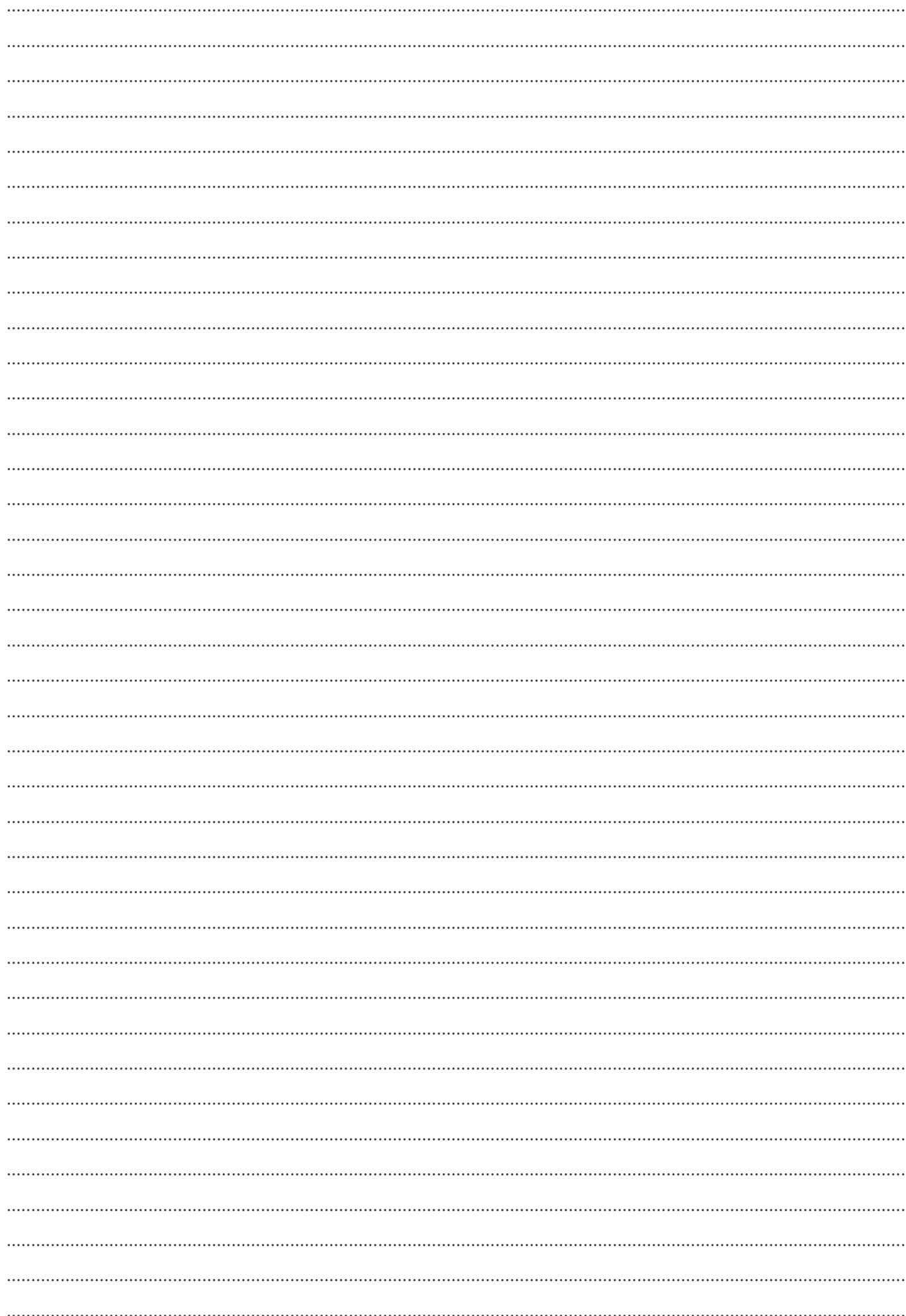
Order Code 3339933



II 2D Ex tb IIIC T85°C Db











EAE Lighting
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