

EFFICIENT SOLUTIONS FOR EVERY TYPE OF INSTALLATION

DOOR DETECTORS
LIGHTING SOLUTIONS
EMERGENCY SYSTEMS

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WELCOME TO ***WE*CO**

ABOUT **WECO**

WECO Elevator Products is the world's largest manufacturer of door detectors

We are an international leader and a benchmark within the elevator industry. Our global network ensures both a comprehensive vision and a local focus for our customers.

WECO bases its production on the innovation and development of the best elevator technologies. Our priority is creating versatile and universal systems, to ensure the quality and efficiency of all of our products. The requirements of the installer are always kept in mind throughout the process.

We provide our customers with a seamless and efficient ordering process from start to finish. Our customer-focused approach pairs superior products with flexible service.

Adaptability is the key to our success.

PROFESSIONALS

326

Our staff are located in 14 countries,
speaking 28 languages

COUNTRIES

+100

Our products are used
in over 100 countries worldwide

BRANCH OFFICES

20

Offices in Europe, Asia,
North America and Latin America

DOOR DETECTORS

1,400,000

WECO's annual capacity,
constantly increasing

WECO TEAM

WECO has a multi-talented, international team. We are motivated by good communication, knowledge sharing, and camaraderie. As a team, we stand apart in our proactive development, both professional and personal.





81-20

81-70

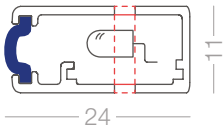
DOOR DETECTORS

FOR EVERY APPLICATION

WECO is the world's largest manufacturer of door detectors. With a wide range of different profiles and fixings, WECO has a door detector to suit any installation.



COMPACT MODEL 03.G5.A94



The A profile is WECO's global best seller and a versatile and economical option. Suitable for static and dynamic installation. Fixing brackets available.

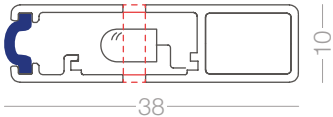
94 beams from 17 diodes | Standard height of 2000mm | IP54 rating
Immune to sunlight | Detecting range of 4000mm

INCLUDES

Door detectors in a heavy-duty transport tube	+	Cables	+	Power supply
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SLIMLINE MODEL 03.G5.B174



The 10mm slimline B profile is a robust and versatile profile, suitable for static and dynamic installation. Fixing options include clips and full-length brackets. Fixing brackets available.

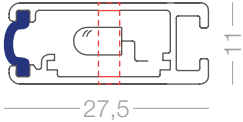
174 beams from 36 diodes | Standard height of 2000mm | IP54 rating
Immune to sunlight | Detection range of 4000mm

INCLUDES

Door detectors in a heavy-duty transport tube	+	Cables	+	Power supply
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ECONOMY MODEL 03.G5.L 174/194



The L profile is WECO's most economic door detector model and is suitable for static and dynamic installation. As well as the standard fixing points, it has an additional 'C' channel at the back of the profile, which offers extra fixing possibilities. Fixing brackets available.

174/194 beams from 36/40 diodes | Standard height of 2000mm | IP54 rating
Immune to sunlight | Detecting range of 4000mm

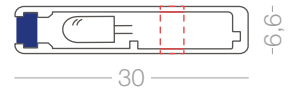
INCLUDES

Door detectors in a heavy-duty transport tube	+	Cables	+	Power supply
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SLIM

MODEL 03.G5.SIX174



The 6,6mm slim SIX profile is perfect for installations with limited space. Suitable for static and dynamic installation. Fixing brackets and clips available.

174 beams from 36 diodes | Standard height of 2000mm | IP54 rating
Immune to sunlight | Detecting range of 4000mm

INCLUDES

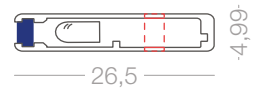
Door detectors in a heavy-duty transport tube + Cables + Power supply

81-20
COMPLIANT



SUPERSLIM

MODEL 03.G5.FOUR



The FOUR is the world's thinnest profile at just 4,99mm thin. It is suitable for installations where space is an issue. Suitable for static installation only.

234 beams from 96 diodes | Standard height of 2000mm | IP54 rating
Immune to sunlight | Detecting range of 500-1500mm

INCLUDES

Door detectors in a heavy-duty transport tube + Cables + Power supply

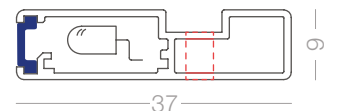
81-20
COMPLIANT

81-70
COMPLIANT



VERSATILE

MODEL 03.G5.V154



The V profile is very versatile, with a C-channel for easy installation which can be drilled on site. It is ideal for replacing almost any type of door detector. Suitable for static and dynamic installation.

154 beams from 32 diodes | Standard height of 2000mm | IP54 rating
Immune to sunlight | Detecting range of 4000mm

INCLUDES

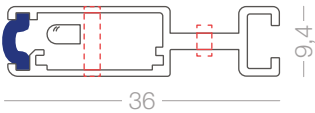
Door detectors in a heavy-duty transport tube + Cables + Power supply

81-70
COMPLIANT



81-20
COMPLIANT

UNIVERSAL MODEL 03.G5.UPF 169/174



The UPF profile is WECO's most universal door detector. It has diagnostic output and multiple fixing points allowing for a wide range of installation options. It can connect directly to 24VDC, so there's no need for an external power supply. It is available in two heights: 1800mm and 1950mm.

169/174 beams from 36 diodes | Heights: 1800 and 1950mm | IP65 rating
Immune to sunlight | Detecting range of 4000mm | Diagnostic output

INCLUDES

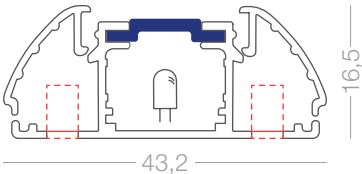
Door detectors in a heavy-duty transport tube	+	Cables
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81-20
COMPLIANT

81-70
COMPLIANT

FRONT-FACING MODEL 03.G5.J234



The J234 was designed for use on goods lifts and elevators without doors. It is a high performance model with 234 crossed beams and hidden fixing points. Suitable for static installation only.

234 beams from 48 diodes | Standard height of 2000mm | IP54 rating
Immune to sunlight | Detecting range of 4000mm

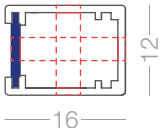
INCLUDES

Door detectors in a heavy-duty transport tube	+	Cables	+	Power supply
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81-20
COMPLIANT

FRONT AND SIDE FIXING MODEL 03.G5.CDZ.174.PNC



The CDZ is a direct connection model, which is compact and versatile. It has front and side fixing points. Suitable for static and dynamic installation.

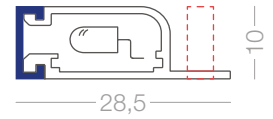
174 beams from 36 diodes | Standard height of 2000mm | IP54 rating
Immune to sunlight | Detecting range of 4000mm

INCLUDES

Door detectors in a heavy-duty transport tube	+	Cables
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WATERPROOF MODEL 03.G5.M65



The M65 door detector is waterproof to IP65 and is suitable for outdoor installation. It includes a fixing fin on the back which allows the edge to be fixed without compromising the integrity of the main electronic compartment. Suitable for static and dynamic installation.

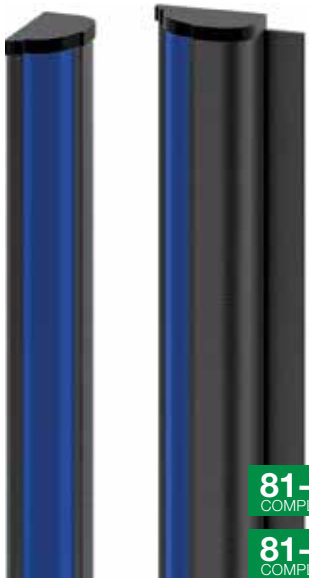
194 beams from 40 diodes | Standard height of 2000mm | IP65 rating
Immune to sunlight | Detecting range of 4000mm

81-20
COMPLIANT

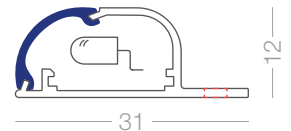
81-70
COMPLIANT

INCLUDES

Door detectors in a heavy-duty transport tube + Cables + Power supply



3D DETECTING MODEL 03.G5.3D3.206



The 3D profile is both a 2D and a 3D safety edge. With the 3D feature enabled, the 3D series can detect people outside the cabin area. Suitable for dynamic installation only.

194/16 beams from 40/16 diodes (2D/3D) | Standard height of 2000mm | IP54 rating
Light immunity 100,000lux | Detecting range of 3000mm (2D) and 1000mm (3D)

81-20
COMPLIANT

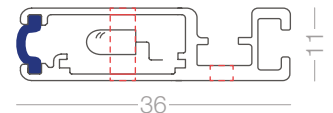
81-70
COMPLIANT

INCLUDES

Door detectors in a heavy-duty transport tube + Cables + Power supply



SHORT HEIGHT MODEL 03.G5.N 22/46/N70



The N profile is available in two heights, 1000mm and 1500mm, and is perfect for applications where a full height door detector will not fit. It has multiple fixing options. Suitable for static and dynamic installation. Fixing brackets available.

22/46/70 beams from 8/16/24 diodes | Heights: 520/1000/1500mm | IP54 rating
Immune to sunlight | Detecting range of 4000mm

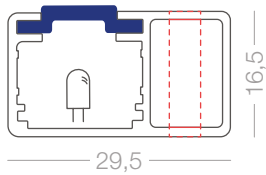
INCLUDES

Door detectors in a heavy-duty transport tube + Cables + Power supply



LEADING EDGE

MODEL 03.G5.P174



The P174 is WECO's leading edge model. It comes with 'L' shaped fixing brackets included in the tube. Suitable for static and dynamic installation.

174 beams from 36 diodes | Standard height of 2000mm | IP54 rating
Immune to sunlight | Detecting range of 4000mm

INCLUDES

Door detectors in a heavy-duty transport tube	+	Cables	+	Power supply	+	Fixing brackets
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POWER SUPPLIES FOR DOOR DETECTORS

WECO offers a wide range of basic and advanced car top boxes in 24VDC, 230VAC and multi-voltage versions.

FD2



- 220VAC / 15-30VDC
- External LED indicators
- Status output
- EN 81-20

FED



- 220VAC / 15-30VDC
- Internal LED indicators
- Status output
- EN 81-20
- Buzzer

XN5



- 220VAC / 110VAC
- Internal LED indicators
- Nudging
- Buzzer

KAP



- 220VAC / 110VAC
- External LED indicators

BIV



- 220VAC - 110VAC
- Bi-voltage
- Internal LED indicators
- Internal switch

MTV



- 85-265VAC / 14-30VDC
- Multi-voltage
- Internal LED indicators
- Nudging
- Buzzer

DC3



- 15-30VDC
- External LED indicators

UBX



- 85-265VAC / 100-300VDC
- Internal LED indicators
- Status output - diagnostic
- EN 81-20

CABLES FOR DOOR DETECTORS

Robust, flexible and durable, WECO's cables have stood the test of time for over 20 years, without any design change. Destruction tested for over 8,000,000 movements, WECO's cables are designed to last 20-30 years.

UF12



UF11



FOUR



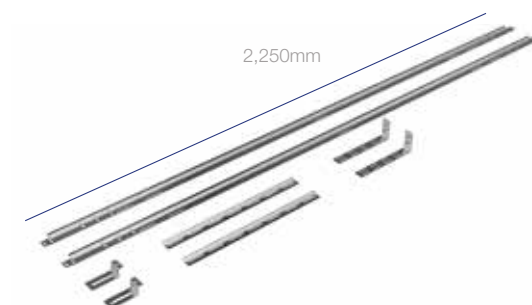
R24



BRACKETS FOR STATIC INSTALLATION

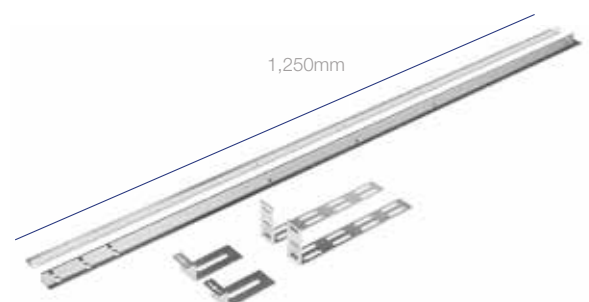
FR45

Heavy-duty bracket set.
Brackets suitable for A, B, CMX,
L, MD, M65, SIX and V profiles.

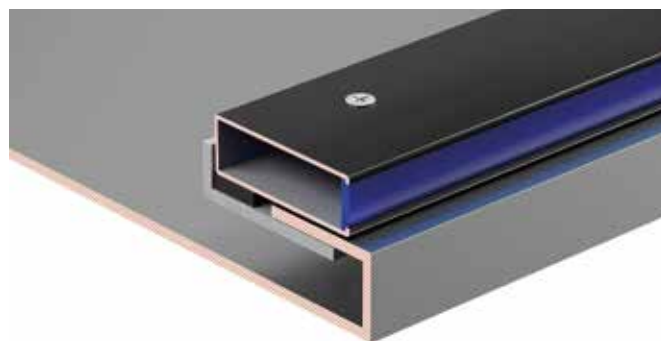


KPC

Standard bracket set.
Brackets suitable for L, N and UPF profiles.



CLIPS FOR DYNAMIC INSTALLATION



WECO's CLP series is designed for simple and economical installation on the return edge of the car door panel. Between 3 and 6 clips are required per door panel and all fixing material is supplied in the package. Clips are available for B, L and SIX profiles.



81-20

LIGHTING SOLUTIONS

FOR EVERY APPLICATION

Smart Lighting Solutions
Cabin, Shaft and Emergency Lighting Systems.



LED PANEL
CCT SERIES
CABIN LIGHTING

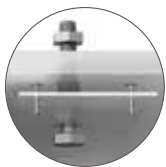


81-20
COMPLIANT

The superslim CCT LED Panel is a modern and attractive lighting solution for your lift. With a depth of just 10mm, the panel can be installed inside the cabin without impeding the available head space. Adjust the colour temperature and brightness in increments of 10% using the included remote control. 3-hour emergency backups are available for all sizes of panel.

Designed for all cabin types | Depth of just 10mm | Quick and easy installation
Uniform light spread | Adjustable fixing brackets | Hidden fixing points

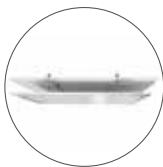
Sizes available: 300x300, 300x600, 600x600 and 300x1200mm.



QUICK AND EASY
INSTALLATION



ADJUSTABLE
WHITE COLOUR



DEPTH OF
JUST 10MM



EMERGENCY
BATTERY (OPTIONAL)



LED PANEL

LP5E SERIES - COMPACT CABIN LIGHTING

81-20
COMPLIANT



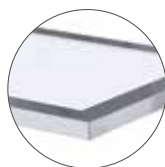
WECO's LP5E LED Panel is a new lighting system with an integrated battery backup. The aluminium frame allows easy installation, while its depth of 35mm provides enough space to conceal all of the components. This versatile LED panel is suitable for all cabin types and can be easily installed by one person.

Designed for all cabin types | Frame depth 35mm | Fast, single-handed installation
Uniform light spread | Adjustable fixing brackets | Hidden fixing points

Sizes available: 300x300, 300x600, 600x600 and 300x1200mm.



HIDDEN FIXING
BRACKETS



35MM
ALUMINIUM FRAME



INTEGRATED 90 MINUTES
BATTERY BACKUP



PLUG & PLAY

LED SPOT - FCL

FCL WITH JBC SYSTEM
CABIN LIGHTING



81-20
COMPLIANT

WECO's FCL series is a compact and economical way of providing light to your lift. Available in both 4-spot and 6-spot versions, and supplied with an anti-tamper bracket, the FCL series is designed for easy installation in both new and refurbished lift cars.

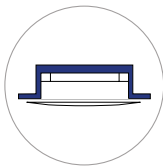
Available in white or chrome | LED splitter with 6x output | Battery backup, up to 90/180mins | Cutout of 65mm



EASY
CONNECTION



PRE-WIRED
J CONNECTOR



ANTI-TAMPER
BRACKET



EMERGENCY BATTERY
(OPTIONAL)



⚡🕒 **PLUG & PLAY**

LED SPOT - ESL

ESL WITH DAISY SYSTEM
CABIN LIGHTING

WECO's ESL series spot lights are a compact and economical solution for the lighting requirements of your lift. With the option of daisy chain pre-wiring, installation is quick and easy.

Flush-mounted | Spring-fixed | Available in silver | Cutout of 68mm



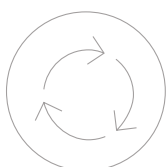
81-20
COMPLIANT

COP LIGHTING

EM44 SERIES

CABIN LIGHTING

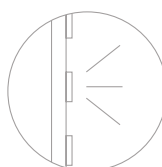
WECO's COP lighting directly replaces the old-fashioned fluorescent tube lighting found in some OEM COPs. The longlife LED technology and high lux output provide the perfect lighting upgrade for your lift. Simply remove the existing tubes and ballasts, and replace them with WECO's LED COP Lighting LED strips. The kit contains a separate emergency strip which is powered by a 3 hour emergency battery backup.



DIRECT
REPLACEMENT



ENERGY
EFFICIENT LEDS



HIGH LUX
OUTPUT



EMERGENCY BATTERY
(OPTIONAL)



81-20
COMPLIANT

LED FLEX

BNX SERIES

SHAFT LIGHTING

Lightweight, flexible and affordable, WECO's LED Flex shaft lighting is the ultimate lighting solution for your lift shaft. It provides continuous light throughout the full length of the lift shaft for added visibility and safety.



81-20
COMPLIANT



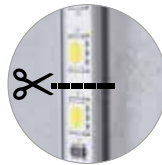
DRIVER INCLUDED



EASY INSTALLATION



ENERGY EFFICIENT LEDS

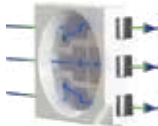


CAN BE CUT AT 1M INTERVALS



EMERGENCY BATTERY (OPTIONAL)

TRI-CHIP TECHNOLOGY



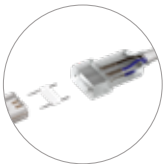
WECO BND and BNN series have tri-chip technology that provide a high-output LED light with triple the brightness of traditional LED chips.

BN4 series
Economic range

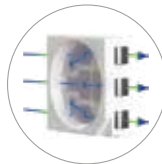


FAST CLIP ASSEMBLY

BND series
Premium range



EASY ASSEMBLY

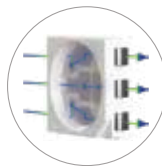


TRI-CHIP TECHNOLOGY

BNN series
Halogen-free range



SCREW THREAD ASSEMBLY



TRI-CHIP TECHNOLOGY



HALOGEN FREE

MAGNETIC EMERGENCY LIGHT

MEK SERIES

MAINTENANCE / EMERGENCY SYSTEMS

WECO's magnetic emergency lighting is the perfect solution for maintenance work. It can be fixed to any metallic surface using its magnetic feet. Small and powerful, the MEK provides optimal light in compliance with EN 81-20.



MAGNETIC
FEET



90 MINUTES
EMERGENCY TIME



INTEGRATED
SWITCH

BATTERY BACKUP

EMA SERIES

EMERGENCY SYSTEMS

The new generation of WECO EMA series lithium batteries are designed to provide emergency power to elevator emergency lighting, phone, and alarms bells inside the cabin. The batteries are manufactured from safe and durable materials that increase the lifespan, supply three times greater energy density, improve safety and boost charging speeds. The compact and lightweight design requires less space for installation and reduces transportation and storage costs.

Li-ion battery | Voltage of 100-240VAC | 60 minutes in emergency mode



COMING SOON

NEW!

LOADWEIGHERS / SPECIALISED PRODUCTS

LOADWEIGHERS - LW8 SERIES

CONTROLLER 03.LW.CU22

The LW8 elevator loadweigher system from WECO has a universal controller which connects to all load sensors and load cells in the LW8 series. This universal approach gives maximum flexibility on site, as well as reducing stock requirements. The system is suitable for both old and new elevators.

3x relay outputs | Analogue output | Overload audio warning



ROPE SENSOR

MODEL 04.LW8.RCB3

The RCB3 rope clamp is the preferred option when a rope sensor is required. It can be easily and quickly installed on the elevator suspension ropes from the cabin top. Suitable for new elevators and retrofits on old elevators.

Duty load 3000kg | Rope diameters 8-13mm | Automatic calibration



BEAM SENSOR

MODEL 04.LW8.CHBS

The CHBS measures micro-deformations in the cross head of the elevator car frame. It is suitable all types of elevator, including large cabins and freight lifts. Due to its unlimited load capacity, it is especially suitable for heavy-duty elevators.

Unlimited duty load | Calibration with known weight



UNDERFLOOR SENSOR

MODEL 04.LW8.UCxx

The UCxx load cells are designed for installation between the car frame and the elevator cabin, where they give the most accurate load readings. It is the preferred option for new elevators, where the design allows. The UC-2 has two active and two passive load cells, while the UC-4 has four active load cells.

Duty load 3200kg | Automatic calibration



SMART MIRROR ELEVATOR CABIN

Take your elevator experience to the next level! Enjoy apps and multimedia content with our new interactive WECO Mirror. Designed to impress, this innovative device combines style, functionality and entertainment. Featuring a high-tech design that fits into any environment, adding a touch of sophistication and modernity to the aesthetics of your elevator.

Wifi & Bluetooth | 32" touchscreen | Android | Sensitivity settings



DOOR DETECTOR - CIRCULAR DOORS MODEL 03.G5.YOP.194

WECO's latest infrared barrier is the ideal solution for lifts equipped with circular doors. Thanks to its optimal performance and high precision, it guarantees safe and efficient door opening and closing. What's more, its fixing fin design allows for quick and easy installation.

194 beams and 40 diodes | Standard height of 2040mm
Detecting range: 0-1500mm | Immune to sunlight | IP54 rating



