894 LED Traffic Light

NEW

LED Traffic Light (2 tier)

LED Traffic Light (3 tier)

Clear lenses ensure signalling effect even in direct sunlight

- High visibility LED Traffic Light in an innovative design
- Clear signalling even in direct sunlight thanks to clear lenses
- Simple mounting thanks to integrated mounting bracket
- Very good sideward visibility

TECHNICAL SPECIFICATIONS:

Dimensions (D x W x H):	2 tier: 136 mm x 85 mm x 311 mm 3 tier: 136 mm x 85 mm x 396 mm
Housing:	PC/ABS, grey
Lens:	PC, transparent
Fixing:	wall mounting
Installation position:	vertical/hanging
Connection:	Screwable connection with wire protection max. 1.5 mm²
Cable entry:	Cable diameter max. 13 mm
Duty cycle:	100 % ED

Life duration up to 50,000 hrs

ORDER SPECIFICATIONS:

Voltage	24 V⎓	115 to 230 V~
Current Consumption	60 mA (red/yellow) 120 mA (green)	30 mA per tier at 230 V/50 Hz
red / green	**894 160 55**	**894 160 68**
red / yellow / green	**894 180 55**	**894 180 68**

ACCESSORIES:

Additional Fixing Bow underneath (see page 145)	**975 894 01**

TECHNICAL DIAGRAMS:

see page 299

High visibility LED Traffic Light with integrated siren see page 180

In preparation

2 tier 3 tier

WERMA SIGNALTECHNIK

894 LED Beacon / LED Traffic Light

NEW

LED Beacon (1 tier)

Innovative design option with the attachment of a second fixing bow (accessory)

The direction of the optical signal can be individually adjusted

- High visibility LED Beacon/ Traffic Light in an innovative design
- Colour intensive light effect thanks to LEDs in the same colour as the lenses
- Simple mounting thanks to integrated mounting bracket
- Very good sideward visibility

TECHNICAL SPECIFICATIONS:

Dimensions (D x W x H):	1 tier: 136 mm x 85 mm x 226 mm 2 tier: 136 mm x 85 mm x 311 mm 3 tier: 136 mm x 85 mm x 396 mm
Housing:	PC/ABS, grey
Lens:	PC, transparent
Fixing:	wall mounting
Installation position:	vertical/hanging
Connection:	Screwable connection with wire protection max. 1.5 mm²
Cable entry:	Cable diameter max. 13 mm
Duty cycle:	100 % ED

Life duration up to 50,000 hrs

ORDER SPECIFICATIONS:

Voltage	24 V ⎓	115 to 230 V ~
Current Consumption	60 mA (red/yellow) 120 mA (green)	30 mA per tier at 230 V/50 Hz
red	**894 010 55**	**894 010 68**
green	**894 020 55**	**894 020 68**
yellow	**894 030 55**	**894 030 68**
red / green	**894 060 55**	**894 060 68**
red / yellow / green	**894 080 55**	**894 080 68**

ACCESSORIES:

Additional Fixing Bow underneath	**975 894 01**

TECHNICAL DIAGRAMS:

see page 299

High visibility LED Traffic Light with integrated siren see page 181

In preparation

1 tier 2 tier 3 tier

890 Permanent/Traffic Light Beacon in new housing

NEW

Permanent Beacon

NEW Traffic Light Combination with new mounting bracket (accessory)

Permanent beacon with two sockets

- **Permanent Beacon for traffic light combinations with new housing material**
- **Modern appearance thanks to appealing grey tone**
- **New fixing bow for simple mounting**
- **Also with two bulb sockets for uniform safety, even in the case of bulb failure**

TECHNICAL SPECIFICATIONS:

Dimensions (Ø x Height):	150 mm x 147 mm
Housing:	PC/ABS-Blend, grey
Dome:	PC, transparent
Socket:	E27 max. 25 W at 890 X00 00 2 sockets each with max. 15 W at 890 X10 00 with adhesive stickers E27 max. 15 W
Fixing:	Base mounting, fixing bow (accessory)
Connection:	Screw-free clamp mechanism max. 1.5 mm²
Cable entry:	From top or bottom with cable gland M 20 x 1.5 mm or from the back with rubber grommet Ø 6 – 12 mm, included in assembly

ORDER SPECIFICATIONS:

PERMANENT BEACON

Voltage	12 – 240 V≂
red	**890 100 00**
green	**890 200 00**
yellow	**890 300 00**
clear	**890 400 00**
blue	**890 500 00**

PERMANENT BEACON WITH 2 SOCKETS (INCL. REFLECTOR)

Voltage	12 – 240 V≂
red	**890 110 00**
green	**890 210 00**
yellow	**890 310 00**

Further colours and voltages on request.

ADDITIONAL INFORMATION:

Please also see LED Beacon/LED Traffic Light 890 with additional advantages (see p. 148)

- Maintenance-free LED technology
- Life duration up to 50,000 hrs
- Clear signalling effect even in direct sunlight

In preparation

WERMA SIGNALTECHNIK

890 Permanent/Traffic Light Beacon in new housing

890 with new fixing bow
(accessory)

ACCESSORIES:

FIXING BOW

Fixing bow for one beacon	**975 890 33**
Fixing bow for two beacon	**975 890 34**
Fixing bow for three beacon	**975 890 35**

Mounting material and connecting grommet included in assembly.
Further information can be found on page 149.

REFLECTOR

Additional reflector for 890 X00 00	**975 890 02**

BULBS

LED Bulb E27, 24 V	**956 X20 75**
LED Bulb E27, 115 V	**956 X20 67**
LED Bulb E27, 230 V	**956 X20 68**
X see page 155.	
Bulb E27, 24 V / 25 W	**955 890 55**
Bulb E27, 115 V / 25 W	**955 890 67**
Bulb E27, 230 V / 25 W	**955 890 68**
Bulb E14, 230 V / 15 W	**955 890 38**
Bulb E14, 24 V / 15 W	**955 890 35**

890 with adhesive sticker
(accessory)

ADHESIVE STICKERS:

→	**975 890 52**
STOP	**975 890 53**
START	**975 890 54**
KEIN ZUTRITT	**975 890 56**
ZUTRITT	**975 890 55**
BETRIEB	**975 890 57**
STÖRUNG	**975 890 58**
↯	**975 890 64**
✋	**975 890 65**

TECHNICAL DIAGRAMS:

see page 299

890 LED Beacon/LED Traffic Light in New Housing

NEW

Permanent Beacon

NEW Traffic Light Combination with new mounting bracket (accessory)

Clear lenses ensure signalling effect even in direct sunlight

- LED Beacon for traffic light combinations with new housing material
- Maintainance-free LED technology
- Clear signalling effect even in direct sunlight
- Modern appearance thanks to appealing grey tone
- Life duration up to 50,000 hrs
- New fixing bow for simple mounting

TECHNICAL SPECIFICATIONS:

Life duration up to 50,000 hrs

Dimensions (Ø x Height):	150 mm x 147 mm
Housing:	PC/ABS-Blend, grey
Dome:	PC, transparent
Fixing:	Base mounting, fixing bow (accessory)
Connection:	Screwable connection max. 1.5 mm²
Installation position:	as required
Cable entry:	From top or bottom with cable gland M 20 x 1.5 mm or from the back with rubber grommet Ø 6 – 12 mm, included in assembly.

ORDER SPECIFICATIONS:

Voltage	12-24 V ⎓	115 V ~	230 V ~
Current consumption	< 200 mA	< 35 mA	< 35 mA
red	**890 120 55**	**890 120 67**	**890 120 68**
green	**890 220 55**	**890 220 67**	**890 220 68**
yellow	**890 320 55**	**890 320 67**	**890 220 68**

ACCESSORIES:

Fixing bow for one beacon	**975 890 33**
Fixing bow for two beacon	**975 890 34**
Fixing bow for three beacon	**975 890 35**

Mounting material and connecting grommet included in assembly.
Further information can be found on page 149.

ADDITIONAL INFORMATION:

Existing Permanent/Traffic Light Beacons 890 (see page 146) can also be upgraded to LED technology using the LED bulb 956 (see page 155) with E27 socket.

TECHNICAL DIAGRAMS:

see page 299

In preparation

c UL us CE PG 490 g IP65 +50°C -20°C

WERMA SIGNALTECHNIK

890 New Fixing Bow for 890 Beacons

NEW

Fixing Bow for
(LED) Beacons 890
(Beacon not included in assembly)

- **Beacon/Traffic Light can be completely pre-mounted on the fixing bow and connected before attachment**
- **Easy mounting in just a few steps**
- **Variable attachment options**
- **High protection rating IP 65**

TECHNICAL SPECIFICATIONS:

Material Fixing Bow:	PC/ABS-Blend
Material Connecting Grommet:	PA 6.6
Assembly:	Fixing Bow with mounting material and connecting grommet Beacon not included in assembly.
Suitable for:	LED Beacon/LED Traffic Light 890 (see page 148) Permanent/Traffic Light Beacon 890 (see page 146)

ORDER SPECIFICATIONS:

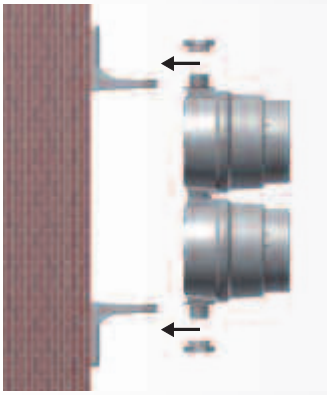
Fixing bow for one beacon	**975 890 33**
Fixing bow for two beacon	**975 890 34**
Fixing bow for three beacon	**975 890 35**

NEW FIXING BOW FOR SIMPLE MOUNTING:

The fixing bow can be mounted pointing inwards or outwards

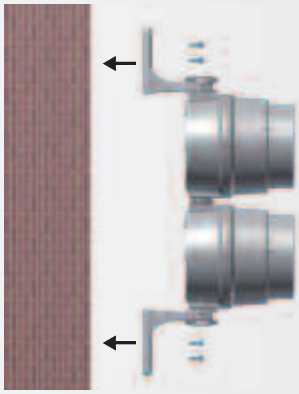
Method No. 1

- Attach the bracket to the wall
- Connect the pre-assembled traffic light
- Tighten the nuts on both sides

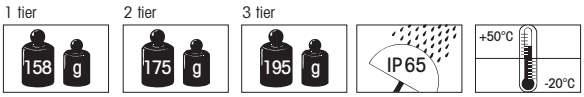


Method No. 2

- Connect and assemble the traffic light
- Attach the traffic light to the bracket and tighten the nuts on both sides
- Attach the complete bracket and traffic light to the wall



TECHNICAL DIAGRAMS:

see page 299

1 tier 2 tier 3 tier