Optical Signal Devices
Traffic Lights

Permanent Beacon

**Traffic Light Combination
with mounting bracket
(accessory)**

**Permanent beacon
with two sockets**

- Permanent Beacon for traffic light combinations
- Innovative fixing bracket 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 154 mm
Housing:	PC/ABS-Blend, grey
Lens:	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 bracket (accessory),
	tube mounting (accessory)
Connection:	Screw-free clamp mechanism max. 1.5 mm^2
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 $\approx$
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 $\approx$
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. 159)
- Maintenance-free LED technology
- Life duration up to 50,000 hrs
- Clear signalling effect even in direct sunlight

CE   PC   450 g   IP 65   +50°C / -30°C

WERMA SIGNALTECHNIK

NEW Beacon 890 in combination
with Multi-Tone Sounder 190
(see page 228)

NEW The new adaptor (accessory)
allows quick and simple mounting
on a tube (Ø 75 mm)

890 with adhesive sticker
(accessory)

ACCESSORIES:

FIXING BRACKET

Fixing bracket for one beacon	**975 890 33**
Fixing bracket for two beacons	**975 890 34**
Fixing bracket for three beacons	**975 890 35**
Fixing bracket for four beacons	**975 890 37**

Mounting material and connecting grommet included in assembly.
Further information can be found on page 162.

CONNECTING GROMMET

Connecting grommet for traffic light combinations	**975 890 25**

NEW TUBE ADAPTOR

Adaptor for tube mounting (suitable for Ø 75 mm tubes)	**975 890 36**

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 167.

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**

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 291

Fixing bracket for 890/190

**Fixing bracket for
(LED) Beacons 890
and Multi-Tone Sounder 190**

- • Beacon/Traffic Light can be completely pre-assembled on the fixing bracket and connected before attachment

- • Easy mounting in just a few steps
- NEW • Also suitable for Multi-Tone Sounder 190
- • High Protection rating IP 65

TECHNICAL SPECIFICATIONS:

Material Fixing bracket:	PC/ABS-Blend
Material Connecting Grommet:	PA 6.6
Assembly:	Fixing bracket with mounting material and connecting grommet Beacon not included in assembly.
Suitable for:	LED Beacon/LED Traffic Light 890 (see page 159) Permanent/Traffic Light Beacon 890 (see page 160) Multi-Tone Sounder 190 (see page 228)

ORDER SPECIFICATIONS:

|	
Fixing bracket for one beacon	**975 890 33**
Fixing bracket for two beacons	**975 890 34**
Fixing bracket for three beacons	**975 890 35**
Fixing bracket for four beacons	**975 890 37**

NEW FIXING BRACKET FOR SIMPLE MOUNTING:

Method No. 1
- • Attach the bracket to the wall
- • Connect the pre-assembled Traffic Light/Multi-Tone Sounder
- • Tighten the nuts on both sides
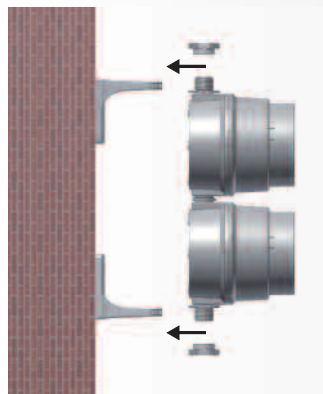
Method No. 2
- • Connect and assemble the Traffic Light
- • Attach the Traffic Light/Multi-Tone Sounder to the bracket and tighten the nuts on both sides
- • Attach the complete bracket and Traffic Light/Multi-Tone Sounder to the wall
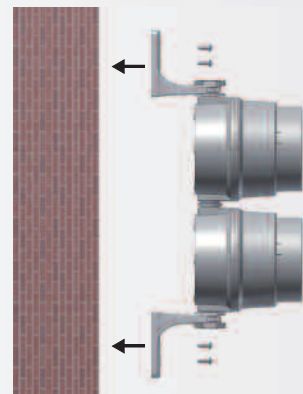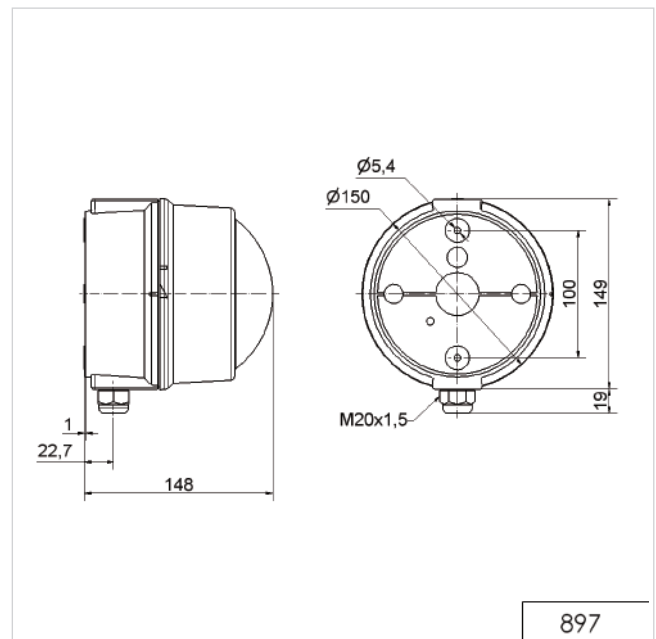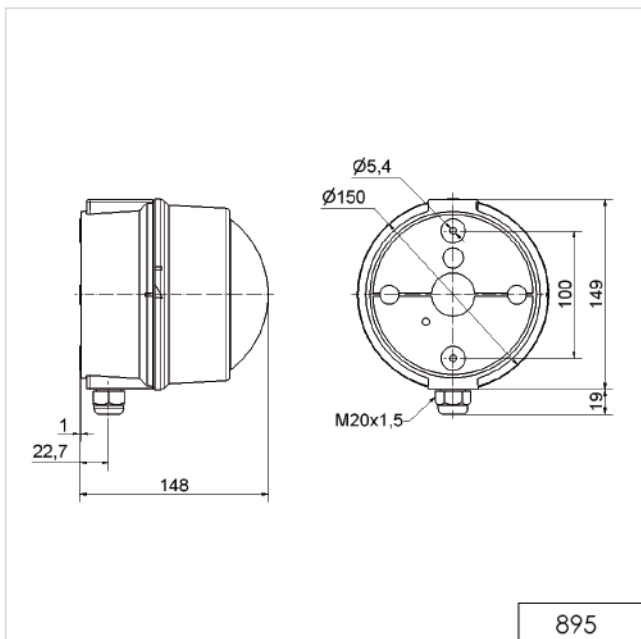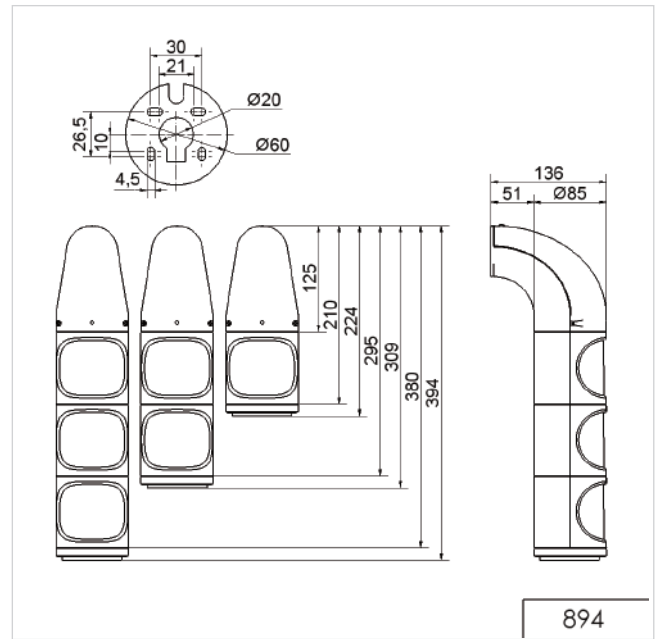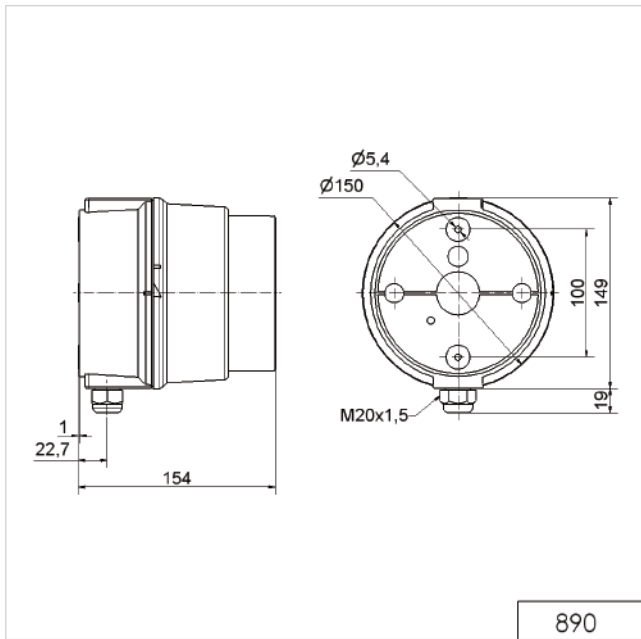
The fixing bracket can be mounted pointing inwards or outwards

TECHNICAL DIAGRAMS:

see page 304

1 tier	2 tier	3 tier	4 tier		
158 g	175 g	195 g	215 g	IP 65	+50°C / -20°C

WERMA
SIGNALTECHNIK

890

894

895

897

⚠ **ADDITIONAL INFORMATION:**

You are welcome to request the technical diagrams in digital form. The relevant 3D models, instruction leaflets
and connection diagrams can be obtained from us or downloaded from our homepage at any time.