



DATA SHEET
PX837-F
PxGround 4 SF

Device description

The PX837-F lamp is a 24V DC powered device with specially arranged RGBW LEDs that ensure even color mixing and homogeneous light without shadowing. The lamp uses efficient LEDs that can be controlled using the DMX protocol. They provide many color variants and achieve different brightness. The device is produced in an RGBW / MONO / DW / 4CH-XXXX version. The lamp can be equipped with lenses with an angle of 10° or 25° with honeycomb and 40°. PX837-F is placed in a stainless steel housing ensuring tightness at the IP65 level. PxGround 4 SF is tiltable +15° / -15°.

A dedicated device for the lamp is the LED Lamp Splitter (PX838-RDM).

Version 1

- **white** – V+ (24V DC),
- **brown** – V-,
- **yellow** – DMX- IN,
- **green** – DMX+ IN.

Wire colors Version 2

- **red** – V+ (24V DC),
- **red-black** – V-,
- **green-black** – DMX- IN,
- **green** – DMX+ IN.

Version 3

- **black 1** – V+ (24V DC),
- **black 2** – V-,
- **black 3** – DMX- IN,
- **black 4** – DMX+ IN.

WEIPU SP13 Series connector:

- pin 1 – V+ (24V DC),
- pin 2 – V-,
- pin 3 – DMX- IN,
- pin 4 – DMX+ IN.

Variants available

Below is a description of the PX837-F model designations with their explanation:

PX837-F – WW – YYYY – Z

WW – beam angle*:

10 – 10°

25 – 25°

40 – 40°**

YYYY – LED color:

RGBW – RGBW

927 – CRI 90, 2700K

930 – CRI 90, 3000K

940 – CRI 90, 4000K

950 – CRI 90, 5000K

965 – CRI 90, 6500K

DW – Dynamic White

4CH-XXXX – 4 independent channels, e.g. RGBA, GGBB,

RRBB (always 4 letters indicating the LED color)

Z – housing lamp color***:

1 – gray (RAL 9006)

2 – black (RAL 9005)

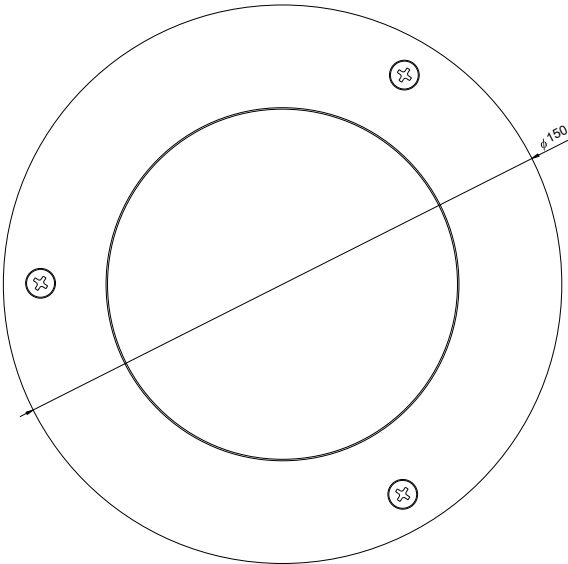
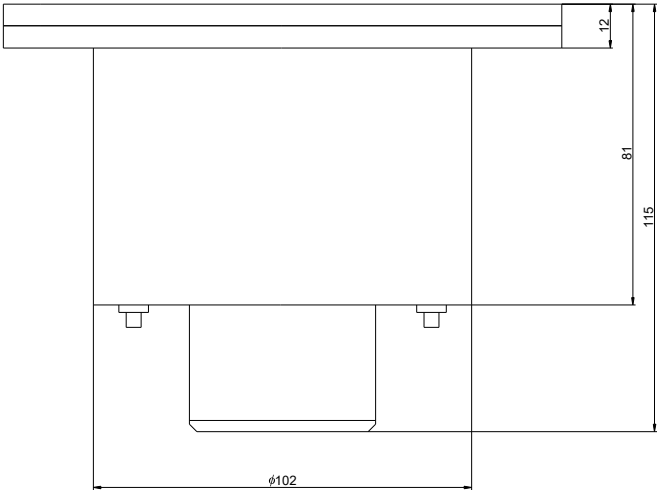
3 – white (RAL 9010)

* according to the lens manufacturer's data

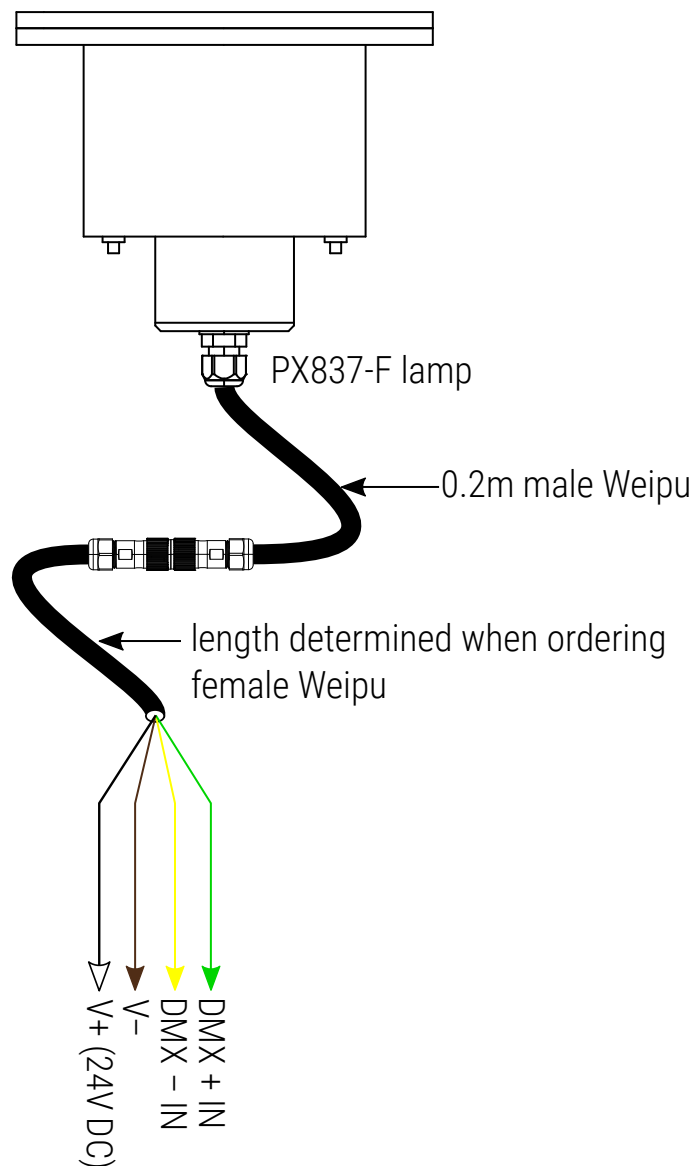
** not available in honeycomb version (PX837-A-F)

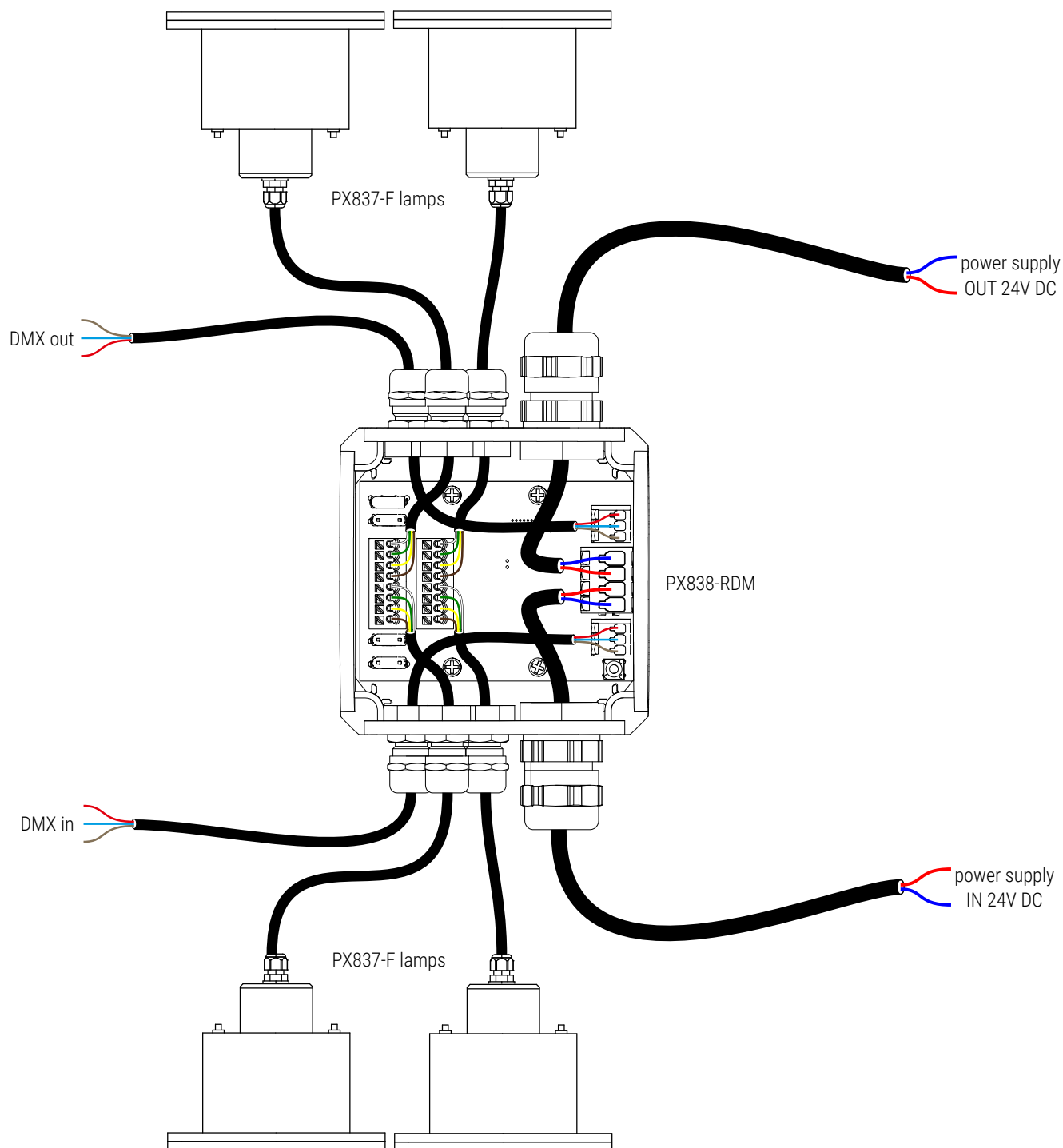
*** the outer casing remains stainless steel in color

NOTE! A version of the lamp is also available with a honeycomb designation, **PX837-A-F**.



Connection diagram





Technical data

type	PX837-F
power supply	24V DC
number of LEDs	4
diode type	RGBW / MONO / DW / 4CH-XXXX
current consumption	RGBW max. 0.5A
beam angle	10°, 25°, 40°*
control	DMX / RDM
housing	aluminum / stainless steel
available housing colors	gray, black, white
connecting the lamp	<i>WEIPU SP13 Series connector (male 4 pin) + WEIPU SP13 Series (female 4 pin) terminated with wires</i>
cable length	0.2m (male) + female cable (length determined when ordering)
IP rate	IP65
weight	0.5kg
dimensions	length: 115mm diameter: 150mm

* – 40° angle not available in the honeycomb version (PX837-A-F)