

# PYRA FLASHING LIGHTS 15 JOULE

## PY X-L-15 | PY X-L-15-CPR



Powerful flashing light with 15J in an extreme robust enclosure for any outdoor and indoor application with IP66 and IK08

- Huge visual 3D-coverage area, more as double as a 10J flashing light
- Easy and safe installation design for failure free mounting in shortest time
- Approvals: EAC, UL or VdS, EN54-23 for any markets including fire alarm applications
- Selectable flash frequency and synchronized flash, one fits all and avoiding of epilepsy
- Option: control input to activate flash, direct control via PLC



protection system



impact-proof housing



operating temperature



DC version



SSM version



CPR version



warranty

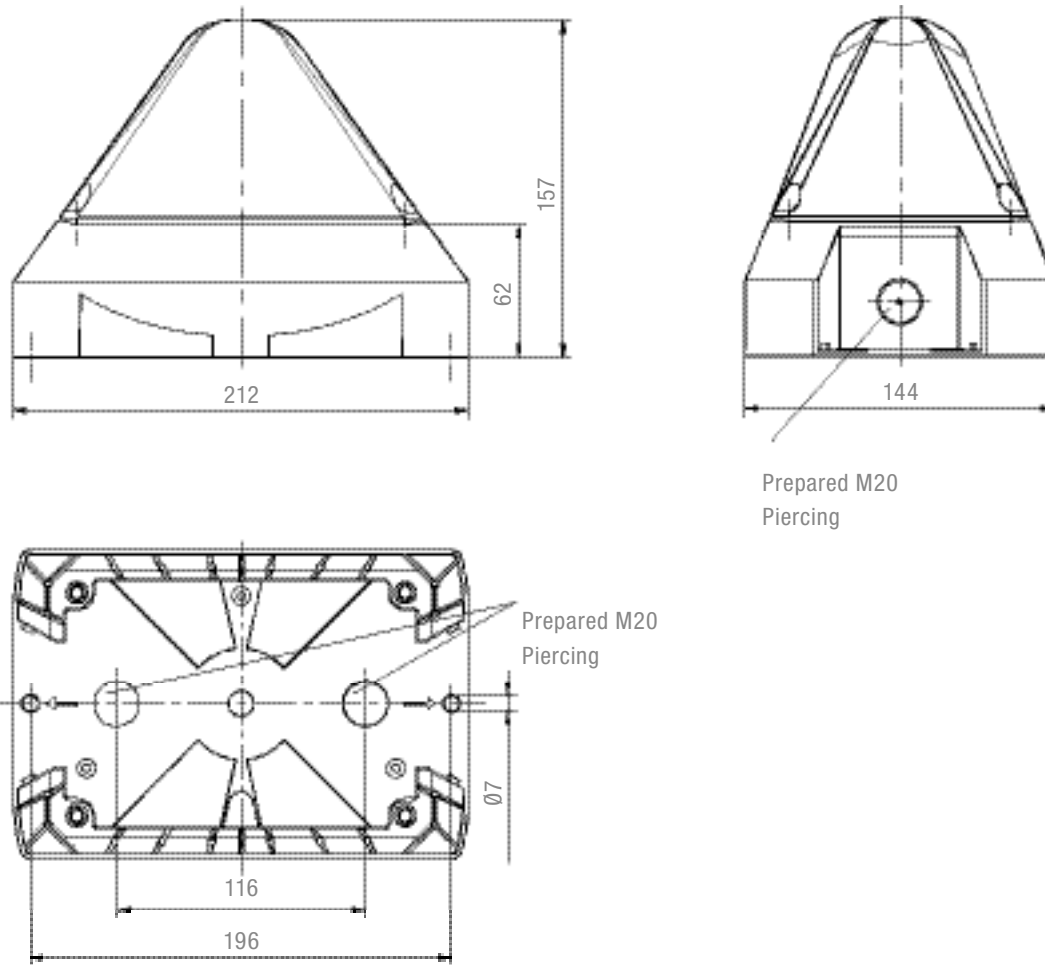
PRODUCT		PY X-L-15				CPR
DATA						CPR
Rated voltage		230 V AC	115 V AC	24 V AC	24 V DC	24 V DC
		AC 50   60 Hz			DC	
Operating range		187–255 V	90–135 V	21.6–26.4 V	19.2–28.8 V	19.2–28.8 V
Nominal current consumption		150 mA @ 1 Hz	300 mA @ 1 Hz	890 mA @ 1 Hz	540 mA @ 1 Hz	700 mA @ 1 Hz
Flash energy and flash rate		15 J @ 0.1   0.5   0.75   1 Hz				
Light source		xenon flash tube				
Light intensity (DIN 5037) <sup>1</sup>		190 cd				
Max. viewing distance		320 m				
Operating temperature		–40 °C ... +55 °C				
Storage temperature		–40 °C ... +70 °C				
Relative humidity		max. 90 %				
Degrees of protection		IP 66 (EN 60529) / NEMA 4/4X				
Impact resistance as per EN 50102		IK08				
Protection class		II				
Service life of the light source		light emission still 70 % after 8.000.000 flashes				
Material	housing	PC/ABS, RAL 3000 ●   PC/ABS, RAL 7035 ●				
	lens	/ ● ● ● ● ● ● polycarbonate (PC)				
Cable entry		4x M20 (prepared)				
Sealing range of diaphragm nipple		7–13 mm - With the use of cable diameters <7 mm, a cable screw joint with sufficient ingress protection must be provided				
Connecting terminal		0.14 - 2.5mm <sup>2</sup> fine wire / AWG 24 - AWG 14 (stranded)				
Weight (net)		690 g				660 g

<sup>1</sup> with a clear lens

### OPTIONS/ACCESSORIES



**DIMENSIONS**



Prepared M20  
Piercing

Prepared M20  
Piercing

ARTICLE NO.		PY X-L-15		PY X-L-15-CPR
HOUSING COLOUR	LENS COLOUR	230 V AC	24 V DC	24 V DC
●	/			21561801020
●	●	21561103000	21561803000	on request (VdS)
●	●	21561104000	21561804000	on request (VdS)
●	●	21561105000	21561805000	21561805020
●	/			on request
●	●	21561103055	21561803055	on request (VdS)
●	●	21561104055	21561804055	on request (VdS)
●	●	21561105055	21561805055	on request

Article numbers for other colours and voltages on request.

**CONFORMITY TO STANDARDS**

The visual characteristics of flashing lights conform to the European standard DIN EN 842; “**Machine safety – visual alarm signals**”. Requirements contained in the DIN EN 981 standard; “**Machine safety – system of acoustic and visual alarm and information signals**”, can be fulfilled. The colours “red” for the emergency signal and “yellow” for the warning signal conform to the requirements of IEC 73 / DIN EN 60073 / VDE 0199; “**Coding of display devices and control elements using colours and supplementary means**”.

References to visual alarm devices can be found in the following standards:

- EN 60825-1            Radiation safety of laser devices, identical to IEC 825 and DIN-VDE 0837
- DIN EN 54            Fire alarm systems
- DIN 54113-2        Radiation protection regulations for the technical operation of X-ray equipment up to 500 kV