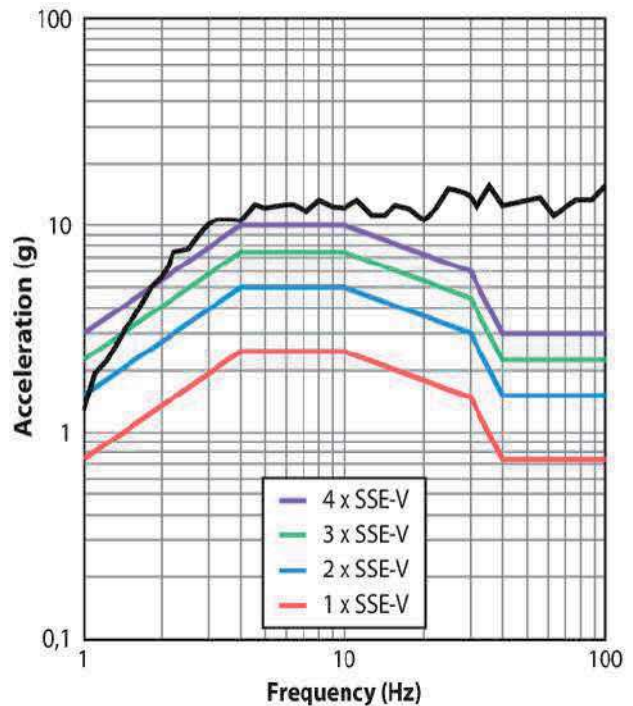
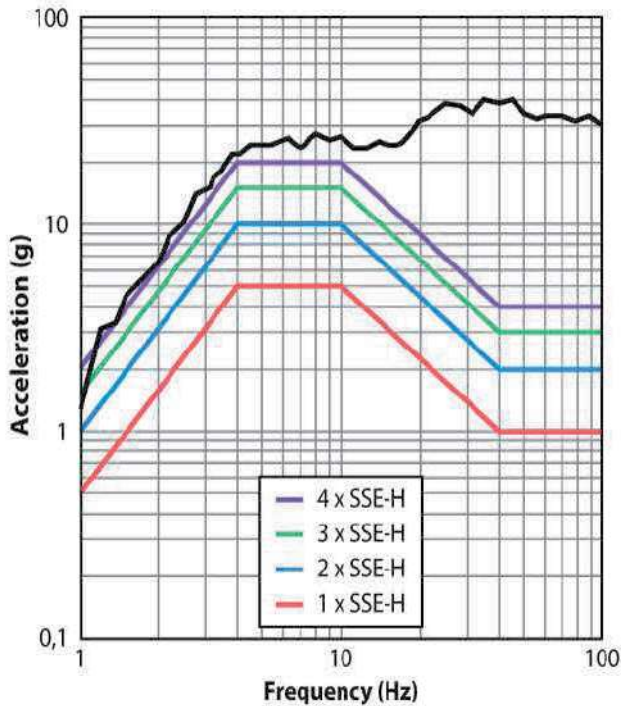


◊ It is possible to request a General Rapport of Seismic Qualification. Example of registered response spectrum (5%): horizontal (left) and vertical (right):

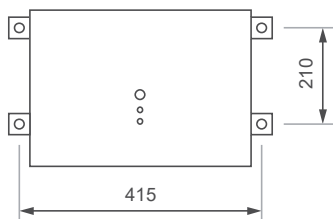


### Technical characteristics

- ◊ Power supply 230 Vac
- ◊ Electrical insulation Class I
- ◊ Usage temperature  $-10^{\circ}\text{C} \div 40^{\circ}\text{C}$
- ◊ Protection rating IP55, IK08
- ◊ Relative humidity 90% no condensation
- ◊ Consumption 24W (recharge)  
5W (maintenance)
- ◊ Weight 20 kg (Pb battery)  
13 kg (Ni-MH battery)

◊ Cable entry is possible by any side under demand, but, by default, it is made on the left side of the floodlight by means of a cable gland of size M20.

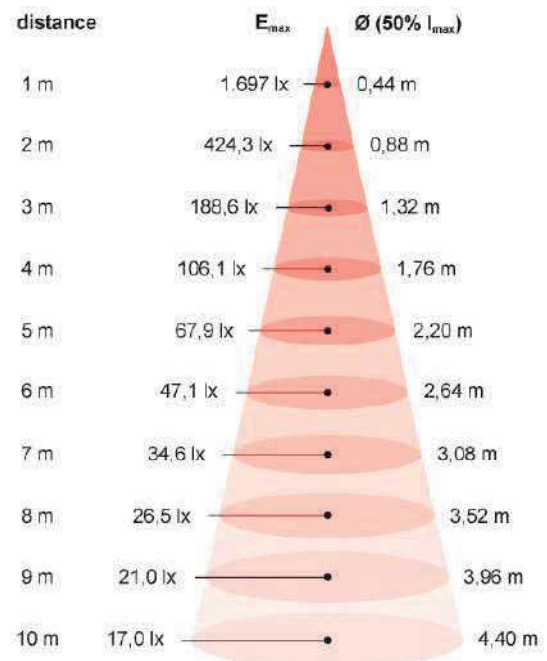
◊ Includes four AISI 304 stainless steel lugs for anchoring: the distances between shafts are compatible with other Luznor floodlights for quick replacement:



◊ The spotlights can be adjusted in any direction by means of two swivelling axes per spotlight.

◊ Interdistances on page 84.

◊ The collimator in each spotlight provides a circular directed beam:



# PLN Series

LED emergency floodlight with seismic qualification. Two adjustable LED spotlights with concentrated light-beam, (colour temperature: 5,000 K) and high energy efficiency to be installed at great heights in critical structures or areas with seismic risks, like hydroelectric and nuclear plants. Stainless steel housing. Remote controllable.



### Non-maintained

model	Φ (lm)	A (h)	spots	battery	RRP (€)
PLN-1000AP	1,000	24	2 up	Pb	3,743.25
PLN-1000AN	1,000	24	2 up	Ni-MH	4,413.51
PLN-1000BP	1,000	24	2 front	Pb	3,743.25
PLN-1000BN	1,000	24	2 front	Ni-MH	4,413.51
PLN-2000P	2,000	12	4	Pb	4,198.52
PLN-2000N	2,000	12	4	Ni-MH	4,868.77



**Seismic qualification according to IEEE-344.**

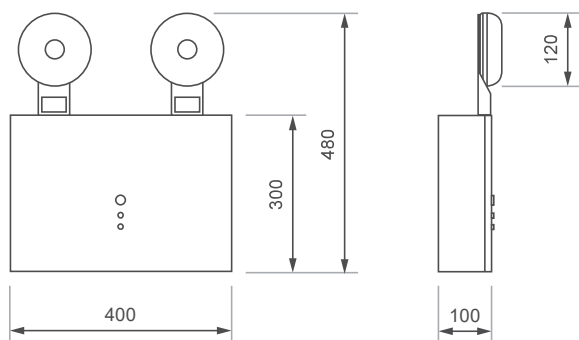
Resists both structurally and functionally the earthquake and performs its safety function during and after the tremor.

It can withstand acceleration greater than 20 g in the horizontal plane and 10 g in the vertical plane.

◇ The battery, whether Pb (lead-acid) or Ni-MH (nickel-metal hydride), is watertight, maintenance-free, and does not release any gases.

### Surface mounting

Floodlight with two upper spotlights



Floodlight with two front spotlights

