

LL-200-m LED signal for Level Crossing - Datasheet

Level Crossing Signal with Ø200

Device features:

- Flexible and modular design
- Developed as a replacement for light bulbs
- Compatible with various interlocking systems
- Can be adopted according to customer requirements
- Day and Night mode of operation with different lighting level
- Blinking operation with frequency of 1Hz
- Operating with various input voltages both AC and DC
- Supplied in own housing with LED module LL-000-m
- Use of high quality Cree or Osram LEDs in the device
- Safe at fault and long service life
- Behavior of the device as a light bulb substitute (voltage and current are in phase)
- Provides two filament operation, including auxiliary filament test on red aspect
- Fulfills SIL4 requirements according to CENELEC standards



Technical characteristics:

Input voltage range AC:	from 10VAC to 50VAC (transformers are used to make voltages suitable for LED modules)
Input voltage range DC:	from 10VDC to 50VDC
Current consumption:	up to 1.6A
Rated power:	from 5VA to 30VA (normal working range)
Operating temperature range:	from -40°C to +85°C (ambient temperature)
Housing material:	aluminum alloy housing
Housing protection:	IP54 level for standard use, can be upgraded to IP68
Available colors:	Red, Yellow, Green, White and Blue
Electrical protection:	Integrated thermal, over-current, over-voltage and transient protection
Mode of operation:	Day and Night mode of operation with different lighting level
States of operation:	Three different states of operation

Ordering information:

#	Part number	Description
1.	IMP-LL200-m-03-01-020-000-000	LED signal Ø200 for Level Crossing, Red color, DC 12V, 6W, IP55, ≥400cd
2.	IMP-LL200-m-03-02-020-000-000	LED signal Ø200 for Level Crossing, Green color, DC 12V, 6W, IP55, ≥400cd
3.	IMP-LL200-m-03-03-020-000-000	LED signal Ø200 for Level Crossing, Yellow color, DC 12V, 6W, IP55, ≥400cd
4.	IMP-LL200-m-03-04-020-000-000	LED signal Ø200 for Level Crossing, White color, DC 12V, 6W, IP55, ≥400cd