

## Brief

LR1000 is a linear fixture based on Cree SiC semiconductor LEDs. It performs with high efficiency over an extended service life. Suggested applications - office buildings, shopping malls, commercial areas, warehouses.

## Standards and normatives covering the LED module

- RoHS compatible according to EU Directive 2011/65/EU
- REACh compatible according to EU regulations 1907/2006
- Lumen maintenance according to IES LM-80, @500mA extrapolated L80 > 150 000hrs, avg brightness > 98% @ 24000 hrs

## Normatives covering LED power supply

- Radiated emissions and disturbances according to EN55015 (range 30..30MHz)
- General safety requirements according to EN61347-1
- EMC immunity according to EN61547
- Harmonic current emissions according to EN61000-2-3 and EN61000-3-3
- Performance requirements according to EN62384
- Power factor > 0.99

## Overall

- Surface coating: 2 component polyurethane on acid primer
- Flammability EN 13501-1 class A2/B (class C, when opaque front cover is used)

Manufacturers confirms that device meets or overperforms all necessary requirements according to CE regulations. If enduser has additional questions or requirements about standards not mentioned here, please contact our sales representative.

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