



Specification Sheet

LCA7307 NEMA Retro kit

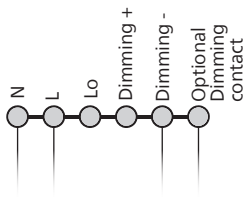
The NEMA Retro fit kit can be mounted upwards on a pole or surface. The LCA7307 can be used to connect an unconnected streetlight to a connected system via NEMA node with Interact City application.

LCA7307

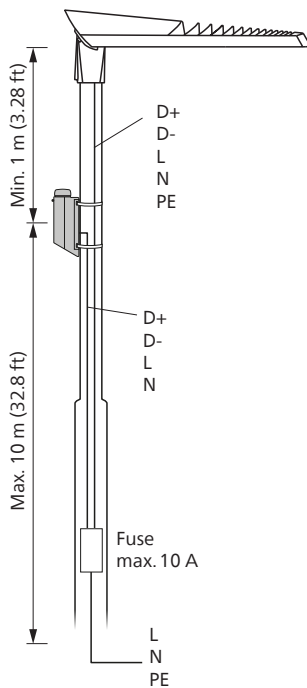
General information

- The NEMA Retro fit kit can be mounted upwards on a pole or surface.
- The NEMA socket is Compatible with ANSI C 136.10 and ANSI C 136.41.
- The NEMA Retro fit kit can be used with an any NEMA based 5PIN Nodes to control a luminaire.
 - with a DALI LED driver (use case 1)
 - with a 1-10v LED driver (use case 2).

Wiring diagrams

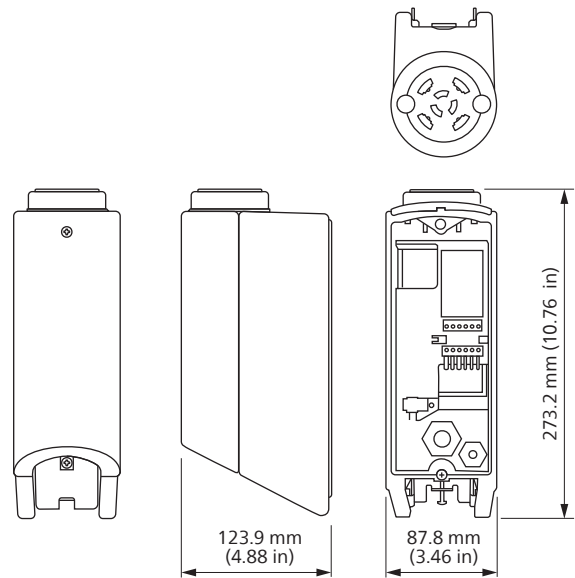


Use cases



LCA7307 + NEMA controller

Dimensional drawings



Specifications

Product Dimensions

Component height	263.3 mm (10.37 in)
Width	87.8 mm (3.46 in)
Depth	123.9 mm (4.88 in)
Weight	1.20 kg (2.65 lb)

Color

LCA7307	Dark Grey (RAL 7043)
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Supply

Mains voltage	120 to 277 Vac
Mains frequency	50/60 Hz
Mains power	3 W

Control

Control method	DALI
Interface	NEMA receptacle
Insulation	Class I, basic insulation
Load capacity	Maximum 4 DALI LED drivers

Cabling

Cabling diameter	6 to 12 mm
Cable length	24 m maximum for DALI wires between kit and luminaire
Wire diameter	0.75 to 1.5 mm ²
Wire quantity	2 to 4 wires

Surge

Power supply	6 kV Common Mode acc. IEC61000-4-5. 2 Ω, 1.2/50 μs, 8/20 μs
	5 kV Differential Mode acc. IEC61000-4-5. 2 Ω, 1.2/50 μs, 8/20 μs

Temperature characteristics

Operating temperature	-30 to 60 °C (-22 to 140 °F)
Storage temperature	-40 to 80 °C (-40 to 176 °F)

Lifetime

90% survivals after 15 years continuous operation (125,000 hours) at Tcase-life

Certificates and Standards

Approval markings	CE, UKCA, UL
Ingress protection classification	IP66
Impact resistance classification	IK08

Sustainability

RoHS directive	2011/65/EU
Hazardous substances	Directive 2011/65/EU, as amended by Directive (EU) 2015/863 of March 2015
Chemical substances	REACH Directive 2006/1907/EC
Electronic waste	WEEE Directive 2002/96/EC05

EU Directives

Low Voltage Directive (LVD) 2014/35/EU	IEC 62368-1:2018
Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (RoHS) 2011/65/EU	EN IEC 63000:2018



Ordering Data

Type	Order code
LCA7307/00 NEMA RMB CE	9137 010 66303

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