



## Specification Sheet

# LCA7307 NEMA Retro kit

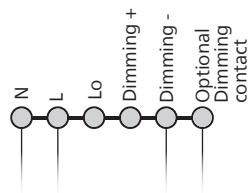
The NEMA Retro fit kit can be mounted upwards on a pole or surface. The LCA7307 can be used to connect an unconnected streetlight to a connected system via NEMA node with Interact City application.

# LCA7307

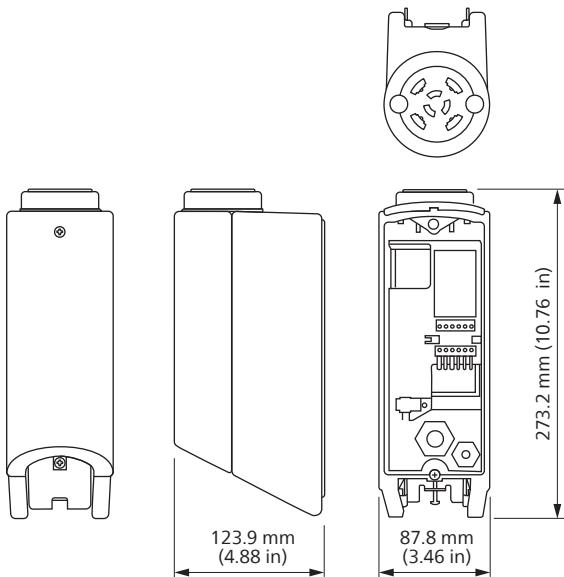
## General information

- 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 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).

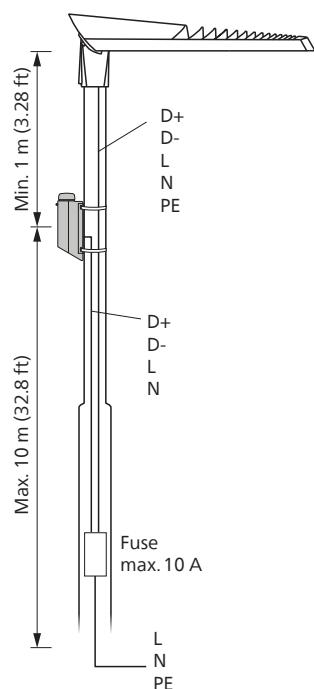
## Wiring diagrams



## Dimensional drawings



## Use cases



LCA7307 + NEMA controller

# 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 <sup>2</sup>
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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