



## Specification Sheet

# LLC7520/LLC7521 CityTouch connector kit

The CityTouch connector kit lets you easily upgrade your city's existing streetlights to connect to the CityTouch lighting management platform. The kit fits within the width of the pole, can be mounted to the pole by metal bands or screws, and requires a drilled hole to bring the cable to the bottom of the pole, where it is connected to the luminaire. Dimming and on/off wiring diagrams can be found in the installation guide.

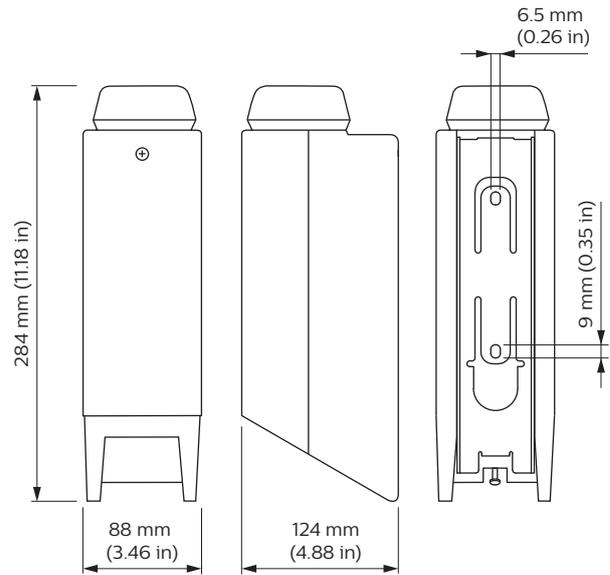
## Orderable products

LLC7520 CityTouch connector kit mains switched  
LLC7521 CityTouch connector kit astro clock switched

### LLC7520/21

- The connector kit will control outdoor luminaires by switching the mains and optionally provides dimming by means of a digital (DALI) interface. The kit will monitor and communicate the operational status and the energy consumption of the luminaire.
- The connector kit does not require on-site commissioning. It uses cellular communication to exchange data with the CityTouch system. Through the on-board GPS (Global Positioning System) the kit determines location and sends it to the CityTouch system.
- The connector kit may be connected to any luminaire, both LED and legacy.
- It is optimized for pole mount, but can be mounted at the wall as well.
- The mains switched version is meant for switched grids, where the cabinet turns on and off the light by switching the mains power.
- The astro clock version is meant for 24/7 powered grid applications. The light is turned on and off by the connector kit based on the geo location and time.

## Dimensional drawing



# Specifications

## Environmental

-30° - 60° C Ambient

## Mechanical

IP66 rating

IK08 impact

Dark grey RAL 7043

## CityTouch OLC

LLC7250 Combox and LLC7240 Powerbox

Connectivity GSM/GPRS 900/1800MHz

Auto location GPS, CEP 50 < 2.5 m

Standby < 1 W

Energy meter accuracy 2% conform EN50470 Class A

Mains 230 V 50/60 Hz

Maximum load 4A

Surge protection 5kV Line to Neutral, 6kV Line/Neutral to ground

## Driver support

Electronic, LED and HID

ON/OFF and Dali dimmable

Dali conform IEC 62386, ed 1.01 and ed 2.0

Maximum 3 Dali drivers

Dali driver configuration: dali dimming enabled, Dynadimmer disabled

## Mounting

20 mm hole in pole, cable protection included

2 metal bands or 2 6mm screws

Cable to be connected before mounting, 6p terminal block

## Cable

Gland cable diameter 6-12 mm

Maximum length dali 24 m, luminaire to CityTouch Connector kit pole

## Wiring (not included)

Preferred (prepared for dimming):  
Kit: 7 wire cable (Li, Ni, Lo, No, D+, D-) (0.5-2.5 mm<sup>2</sup>)  
Luminaire: 5 wire cable (Lo, No, D+, D-, Pe)

Optional (On/Off only):  
Kit: 5 wire cable (Li, Ni, Lo, No)  
Luminaire: 3/5 wire cable (Lo, No, Pe)

## Approvals

R&TTE directive 1999/5/EC

EMC directive 004/108/EC

LV directive 2006/95/EC

RoHS directive 2002/95/EC

REACH directive 2006/1907/EC



## Ordering Data

Type	Ordering code	EAN 1	EAN 3	EOC
LLC7520/00 CityTouch OLC KIT PO HO MS (mains switched)	9137 003 93103	8718696 672518	8718696 672525	672518 00
LLC7521/00 CityTouch OLC KIT PO HO AS (astro clock switched)	9137 003 93203	8718696 672532	8718696 672549	672532 00

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