



# CityTouch Ready supported devices

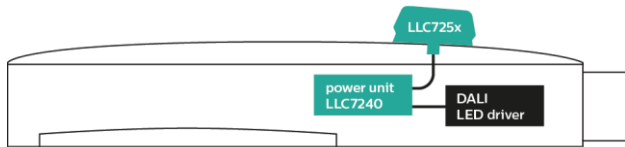
## Release 1.159.6.12740

This document describes the LED drivers supported in street lights connected to the CityTouch or Interact City lighting management system. It describes the Philips connector nodes and the LED drivers that must be used with these connector nodes.

### Compatibility

Two types of Philips connector nodes are distinguished based on the device that provides the low-voltage power supply to the connector node and measures the luminaire's power consumption.

- Interact Ready connector node assembled into luminaire**  
Intended for new luminaires with DALI dimmable LED driver.  
Applies to connector nodes LLC7252, LLC7253, LLC7870, LLC7871 (combined with LLC7240).



The connector node is fastened to the luminaire using a 20mm swivel nut. It requires an auxiliary power unit (LLC7240). The power unit contains the low-voltage power supply to the communication unit, a relay for switching the LED driver, and an energy meter. The auxiliary power unit is assembled into the luminaire..

- Interact Ready connector node twist-locked onto System Ready luminaire**

Intended for new or upgrade of System Ready luminaires with Sensor Ready dimmable LED driver and universal socket.  
Applies to connector nodes LLC7270, LLC7271, LLC7850, LLC7851 and LLC7280.



The connector node is twist-locked onto a universal socket. It is both compatible with a 4-pin socket conform Zhaga book 18 (LLC7270, LLC7271, LLC7850, LLC7851) and with a 7-pin NEMA socket conform ANSI C136.41 (LLC7280).

Philips connector node	LED drivers	
	DALI dimmable	SR dimmable
LLC725x, LLC787x	•	
LLC727x, LLC785x		•
LLC728x		•

## Philips cellular connector nodes

Description	Commercial name	Logistic code 12NC
Auxiliary power unit	LLC7240 CityTouch OLC POWER	913700360803
Node with screw thread and swivel nut, GPRS connectivity, dark grey	LLC7252/00 CityTouch OLC COM 1.1 DG	913700396503
Node with screw thread and swivel nut, GPRS connectivity, light grey	LLC7253/00 CityTouch OLC COM 1.1 LG	913700396603
Node with screw thread and swivel nut, GPRS connectivity (M1.NB1 prepared), dark grey	LLC7871/00 CT NODE 20MM3 DC EU4VF DG	913701043603
Node with screw thread and swivel nut, GPRS connectivity (M1.NB1 prepared), light grey	LLC7870/00 CT NODE 20MM3 DC EU4VF LG	913701043503
Node with Zhaga book 18 interface, GPRS connectivity, dark grey	LLC7270/00 CityTouch OLC COM SR DG	913700392903
Node with Zhaga book 18 socket, GPRS connectivity, light grey	LLC7271/00 CityTouch OLC COM SR LG	913700393003
Node with Zhaga book 18 interface, GPRS connectivity (M1.NB1 prepared), dark grey	LLC7851/00 CT NODE ZHAGA DC EU4VF DG	913701043403
Node with Zhaga book 18 interface, GPRS connectivity (M1.NB1 prepared), light grey	LLC7850/00 CT NODE ZHAGA DC EU4VF LG	913701043303
Node with ANSI C136.41 NEMA interface, GPRS and UMTS connectivity, light grey	LLC7280 CityTouch OLC NEMA SR	913700393303

## DALI dimmable LED drivers

Commercial name	Logistic code 12NC	Order code
<b>Philips Xitanium Programmable</b>		
Xitanium 27W 1.0A Prog+ 230V J-sXt	929000712303	8718291707295
Xitanium 40W 0.53A Prog+ GL-J sXt	929000710303	8718291245056
Xitanium 40W 0.70A Prog+ GL-J sXt	929000708803	8718291245032
Xitanium 40W 0.7A 230V-J sXt	929000723003	8718696400968
Xitanium 75W .35-.70A GL Prog sXt	929000702302	8718291118879
Xitanium 75W 0.10-1.05A GL-F Prog+ sXt	929000708903	8718291212003
Xitanium 75W 0.35-.70A GL Prog+ sXt	929000704903	8718291149958
Xitanium 75W 0.7A Prog+ 230V-F sXt	929000718903	8718291765653
Xitanium 75W 0.7A Prog+ 230V-F sXt	929000718903	8718291765653
Xitanium 75W 0.7A Prog+ GL-Z sXt	929000710103	8718291245155
Xitanium 100W 0.53A GL Prog+ sXt	929000710403	8718291245179
Xitanium 100W 0.70A Prog+ GL-Z sXt	929000708703	8718291245193

Xitanium 150W .35-.70A GL Prog sXt	929000702202	8727900783513
Xitanium 150W 0.10-1.05A Prog+ GL-F sXt	929000709003	8718291211983
Xitanium 150W 0.35-.70A GL Prog+ sXt	929000705103	8718291149965
Xitanium 150W 0.70A Prog+ GLsXt	929000712503	8718291765639
Xitanium 300W 1.5A Prog+ GL-F2 sXt	929000712703	8718696436783

Commercial name	Logistic code 12NC	Order code
<b>Philips Xitanium FULL Programmable</b>		
Xi FP 22W 0.2-0.7A SNLDAE 230V C123 sXt	929001617706	8718696793794
Xi FP 22W 0.2-0.7A SNLDAE 230V S175 sXt	929001617806	8718696793893
Xi FP 22W 0.3-1.0A SNLDAE 230V C123 sXt	929001518506	8718696592533
Xi FP 22W 0.3-1.0A SNLDAE 230V S175 sXt	929000991206	8718696526590
Xi FP 35W 0.3-1.0A NLD 230V C150 sXt	929000991306	8718696521014
Xi FP 40W 0.2-0.7A SNLDAE 230V C123 sXt	929001518606	8718696592557
Xi FP 40W 0.2-0.7A SNLDAE 230V S175 sXt	929000989206	8718696526613
Xi FP 40W 0.2-0.7A SNLDAE 230V S175 sXt	929002128306	8718699705275
Xi FP 40W 0.3-1.0A SNLDAE 230V C123 sXt	929001518706	8718696592571
Xi FP 40W 0.3-1.0A SNLDAE 230V S175 sXt	929000989306	8718696526637
Xi FP 70W 0.3-1.0A NLD 230V C150 sXt	929000991406	8718696521038
Xi FP 75W 0.2-0.7A SNLCDAE 230V S240 sX	929001571206	8718696711262
Xi FP 75W 0.2-0.7A SNLCDAE 230V S240 sX	929001678506	8718699625511
Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt	929001408406	8718696755662
Xi FP 75W 0.2-0.7A SNLDAE 230V C133 sXt	929002101406	8718699671815
Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	929000962406	8718696481448
Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	929001644006	8718696825068
Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt	929002128406	8718699705718
Xi FP 75W 0.3-1.0A SNLCDAE 230V S240 sX	929001678606	8718699625535
Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt	929001408506	8718696755693
Xi FP 75W 0.3-1.0A SNLDAE 230V C133 sXt	929002101506	8718699671839
Xi FP 75W 0.3-1.0A SNLDAE 230V S240 sXt	929000962506	8718696481462
Xi FP 75W 0.3-1.0A SNLDAE 230V S240 sXt	929001644106	8718696825082

Xi FP 75W 0.3-1.0A SNLDAE 230V S240 sXt	929002128506	8718699705732
Xi FP 75W 0.5-1.5A SNLDAE 230V C133 sXt	929001408606	8718696755716
Xi FP 75W 0.5-1.5A SNLDAE 230V C133 sXt	929002101606	8718699671853
Xi FP 100W 0.2-0.7A SNLDAE 230V C165 sXt	929001522006	8718696593905
Xi FP 100W 0.2-0.7A SNLDAE 230V C165 sXt	929001650006	8718699592752
Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	929001639006	8718696818831
Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	929002101206	8718699671396
Xi FP 110W 0.3-1.0A NLD 230V C150 sXt	929000991506	8718696521212
Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt	929001639106	8718696818855
Xi FP 110W 0.3-1.0A SNLDAE 230V C133 sXt	929002101306	8718699671785
Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sX	929001571306	8718696711248
Xi FP 150W 0.2-0.7A SNLCDAE 230V S240 sX	929001678706	8718699625559
Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	929002128606	8718699705756
Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	929000962206	8718696481486
Xi FP 150W 0.2-0.7A SNLDAE 230V S240 sXt	929001644206	8718696825105
Xi FP 150W 0.3-1.0A SNLCDAE 230V S240 sX	929001678806	8718699625573
Xi FP 150W 0.3-1.0A SNLDAE 230V S240 sXt	929000962306	8718696481509
Xi FP 150W 0.3-1.0A SNLDAE 230V S240 sXt	929001644306	8718696825129
Xi FP 150W 0.3-1.0A SNLDAE 230V S240 sXt	929002128706	8718699705770
Xi FP 165W 0.2-0.7A SNLDAE 230V C170 sXt	929000976206	8718696565742
Xi FP 165W 0.3-1.0A SNLDAE 230V C170 sXt	929000976306	8718696565766
Xitanium FULL PROG 110W1000 NLD C150 Xt	929000883906	8718291756552
Xitanium FULL PROG 35W1000 NLD C150 Xt	929000884606	8718291756439
Xitanium FULL PROG 70W1000 NLD C150 Xt	929000884306	8718291756491

Commercial name	Logistic code 12NC	Order code
<a href="#">Osram OptoTronic Constant current LED drivers with DALI/4DIM</a>		
OT 40/120-277/1A0 4DIMLT2 E		40528 99925 182
OT 60/170-240/1A0 4DIMLT2 E		40528 99925 199
OT 90/170-240/1A0 4DIMLT2 E		40528 99925 205

OT 165/170-240/1A0 4DIMLT2 E	40528 99925 212
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## Sensor Ready dimmable LED drivers

Commercial name	Logistic code 12NC	Order code
<b>Philips Xitanium Sensor Ready</b>		
Xi SR 12W 0.2-0.7A SNEMP 230V C133 sXt	929001613506	8718696778289
Xi SR 22W 0.2-0.7A SNEMP 230V C133 sXt	929001598306	8718696739167
Xi SR 22W 0.3-1.0A SNEMP 230V C133 sXt	929001573706	8718696739181
Xi SR 40W 0.2-0.7A SNEMP 230V C133 sXt	929001573506	8718696739129
Xi SR 40W 0.3-1.0A SNEMP 230V C133 sXt	929001573606	8718696739143
Xi SR 75W 0.2-0.7A SNEMP 230V C150 sXt	929001623206	8718696825181
Xi SR 75W 0.2-0.7A SNEMP 230V S240 sXt	929001507706	8718696568798
Xi SR 75W 0.27-0.7A SMP TWE I200	929001430680	6947939144334
Xi SR 75W 0.3-1.0A SNEMP 230V C150 sXt	929001623306	8718696825204
Xi SR 75W 0.3-1.0A SNEMP 230V S240 sXt	929001507806	8718696674147
Xi SR 110W 0.2-0.7A SNEMP 230V C150 sXt	929001623406	8718696825228
Xi SR 110W 0.3-1.0A SNEMP 230V C150 sXt	929001623506	8718696825242
Xi SR 150W 0.2-0.7A SNEMP 230V S240 sXt	929001507506	8718696568750
Xi SR 150W 0.27A-0.7A SMP TWE I250	929001430580	6947939144358
Xi SR 150W 0.3-1.0A SNEMP 230V S240 sXt	929001507606	8718696674123
Xi SR 165W 0.2-0.7A SNEMP 230V C170 sXt	929001663106	8718699665005
Xi SR 165W 0.3-1.0A SNEMP 230V C170 sXt	929001663206	8718699665067
Xitanium SR 75W 0.7A 120-277V	929000799613	781087151372
XITANIUM SR 75W 0.7A 120-277V	929001748013	781087157718
Xitanium SR 75W 1.05A 120-277V	929000799713	781087151396
XITANIUM SR 75W 1.05A 120-277V	929001748113	781087157725
Xitanium SR 150W 0.7A 120-277V	929000743613	781087141311
Xitanium SR 150W 1.05A 120-277V	929000743713	781087141335
XITANIUM SR 180W 0.9A 120-277V	929001725113	781087155424
XITANIUM SR 180W 1.25A 120-277V	929001725213	781087155448
XITANIUM SR 180W 1.8A 120-277V	929001725313	781087155462

## D4I dimmable LED drivers

Commercial name	Logistic code 12NC	Order code
<b>Philips Xitanium Sensor Ready</b>		
Xi SR 22W 0.3-1.0A SNEMP 230V C133 sXt	929002178906	8718699766634
Xi SR 75W 0.2-0.7A SNEMP 230V S240 sXt	929002171906	8718699753924
Xi SR 75W 0.3-1.0A SNEMP 230V S240 sXt	929002172006	8718699753948
Xi SR 110W 0.2-0.7A SNEMP 230V C150 sXt	929002808606	8719514255951
Xi SR 150W 0.2-0.7A SNEMP 230V S240 sXt	929002172106	8718699753962
Xi SR 150W 0.3-1.0A SNEMP 230V S240 sXt	929002172206	8718699753986
Xi SR 40W 0.2-0.7A SNEMP 230V C133 sXt	929002179006	8718699766658
Xi SR 40W 0.3-1.0A SNEMP 230V C133 sXt	929002179106	8718699766672
Xi SR 75W 0.2-0.7A SNEMP 230V C150 sXt	929002808406	8719514255890
Xi SR 110W 0.3-1.0A SNEMP 230V C150 sXt	929002808706	8719514255999
Xi SR 22W 0.2-0.7A SNEMP 230V C133 sXt	929002178806	8718699766610
Xi SR 75W 0.3-1.0A SNEMP 230V C150 sXt	929002808506	8719514255913



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