

Specification Sheet

EVO441

Wireless transceiver for Evokit

The Philips EVO441 fixture-mount transceiver enables Interact Pro connectivity in a single, compact package for easy field assembly. EVO441 operates with the established Xitanium SR driver standard to make a simple two-wire connection between transceiver and driver. It can be easily attached to any EvoKit SR (sensor ready), thus eliminating the need for multiple components and auxiliary devices. The result is an Interact Ready EvoKit.

Ordering code	12NC
541367	9290 016 60113

interact
ready.

EVO441 Wireless transceiver for Evokit

Features

- Compact size, 2-wire connection
- Operates with Philips Advance Xitanium SR LED drivers and qualified wireless switches
- Configuration of sensor parameters – if desired – using NFC or IR via intuitive Multi-One programming tool

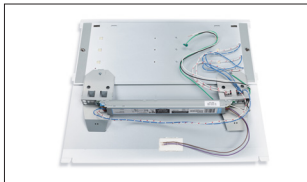
Benefits

- Enables an EvoKit SR to connect to an Interact Pro system
- Cost-effective solution for energy savings
- 5-year limited system warranty with Philips Advance Xitanium LED drivers

Applications

- Conference rooms
- Individual offices
- Open offices
- Classrooms
- Storage and break areas
- Restrooms
- Lobbies
- Stairways

EvoKit SR is interact ready with the simple installation steps below.



Step 1: EvoKitSR is shipped with a plate covering the sensor hole. There are two wires secured to the back of the plate.



Step 2: The plate can be removed before or after you install EvoKit SR. Just gently slide the plate to one end and remove.



Step 3: Remove the two wires that were secured to the back of the plate.



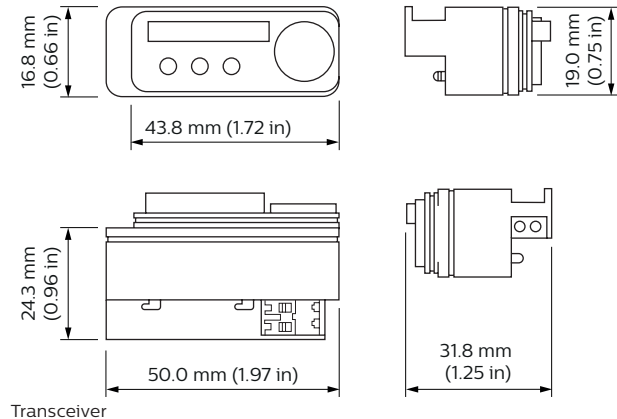
Step 4: Take these two wires and insert them into the EVO441. They are not polarity sensitive.



Step 5: Insert the EVO441 back into the hole.

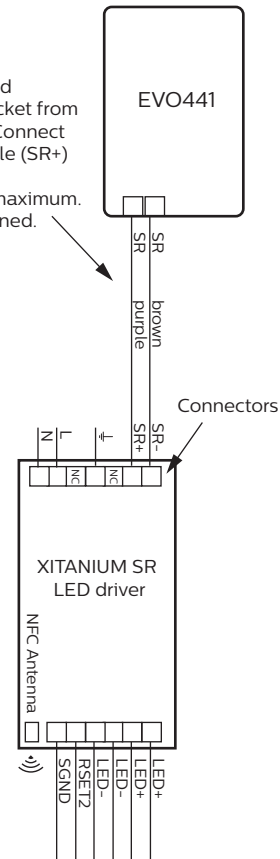
For Technical Support:
1-833-INTRPRO
(1-833-468-7776)

Dimensional drawing



Wiring diagram

36-inch 18AWG solid lead wires in plenum-rated jacket from sensor stripped to 3/8". Connect to brown (SR-) and purple (SR+) on driver. Four drivers per sensor maximum. Polarity must be maintained.



Attention Interact Pro users: Please familiarize yourself with the Interact pro system before beginning your project installation. It is important that the gateway is powered before the Interact ready EvoKits are installed. Design guides and tutorials are available at: <https://www.interact-lighting.com/en-us/what-is-possible/interact-pro>.

Specifications

Physical information

Dimensions	50 mm x 19.0 mm x 31.5 mm (1.97 in x 0.75 in x 1.24 in)
Luminaire hole (l x w)	44 x 17 mm (1.73 x 0.67 in)
Net weight	17 gr
Volume required inside luminaire (l x w x h)	50 x 19 x 24 mm (1.97 x 0.75 x 0.94 in)
Color	White
Connectors	(2) Lite-Trap connectors rated for AWG24 to AWG18 solid conductor wire (AWG22 - AWG20 for stranded wire)
Input wire cross-section (solid conductor wire)	0.25 to 0.75 mm ² (18 to 24 AWG)
Input wire cross-section (stranded wire)	0.3 to 0.5 mm ² (20 to 22 AWG)

Electrical information

Input Voltage	Powered by SR driver low-voltage interface
Current Consumption	13 mA
Nominal Power Consumption	200 mW
Standby Power	< 1 W on luminaire level, including driver standby power

Packing Data

Type	Dimensions	Qty/Box	Material	Weight (net)
EVO441	50 x 19.0 x 31.5 mm (1.97 x 0.75 x 1.24 in)	50	Cardboard	0.02 kg (0.038 lb)

Task Tuning

Full light setting	0 - 100%
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Environment & Approbation

Temperature	0 °C to 55 °C (Operating) -25 °C to 85 °C (Storage)
Humidity	0 – 95% non condensing
Max case temperature (Tcase)	55 °C
Agency approbations	UL, CSA; Tested and approved for use in plenums;
Certification	FCC ID : 2AF2N - SNSS IC: 20659-SNSS
Warranty	5 years
Digital Interface	Xitanium SR

Other

No. drivers per transceiver	1
Distance switch-to-first-Fixture	Max 10 m (33 ft) line-of-sight
Distance Fixture-to-Fixture	Max 12 m (40 ft) line-of-sight
Field configuration	Parameters set via intuitive app

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