

PHILIPS

LED lamps

MasterConnect



Real pros choose **new connections for new opportunities**

Take the first step into connected lighting
with **Philips MasterConnect LED lamps.**

Works with Interact Pro app



interact
ready.

Philips MasterConnect LED lamps.

Big news for businesses that want to switch to connected lighting.

Who says you have to spend a lot of money to have smart lighting? Take your first step with **Philips MasterConnect LED lamps**: smart retrofit LED lamps that give you an easy and seamless way to upgrade and embrace all benefits of connected lighting.

Thanks to the proven wireless connected technology, MasterConnect LED lamps maximize energy savings, while providing wireless and automated light for your comfort and convenience.

Simply set up with the intuitive Interact Pro app. Your lighting system can be programmed to deliver automated occupancy and daylight detection, zone control, wireless dimming, and scenes. Once the basics are defined, it just works automatically, allowing for an 'install and forget' experience.

With MasterConnect LED lamps, your system is fully scalable and upgradable. If you want to enjoy further benefits such as remote control or management dashboard, you can keep the currently installed lamps and simply add a gateway to experience all the advantages of a cloud-based (IoT) system.

There's no better way to take lighting solutions to the next level.



Philips MasterConnect LED lamps



MasterConnect TLED

- Available as Type B (Ballast Bypass). Type A available upon request.
- Flicker-free operation¹
- 55% energy savings compared with fluorescent lamps, up to 85% energy savings when configured with an Interact system²
- Extra-long lifetime³ of 70,000 hrs
- Perfect for office, school, retail, healthcare, parking and warehouse

MasterConnect LED PAR

- Perfect fit design to retrofit halogen lamps
- 90% energy savings compared with halogen lamps²
- Color spectrum that replicates halogen, CRI 90
- Lifetime³ of up to 25,000 hrs
- Perfect for hospitality, restaurant and retail



Add switches for wireless control

- Use Interact Pro App and SWS200 scene switch for simple wireless dimming and scenes
- No control wires for cost effective installation



Add sensors for automated lighting

- Automated lighting through two sensor options
 - Occupancy sensor
 - Daylight + Occupancy Sensor



Group lamps with Interact Ready luminaires

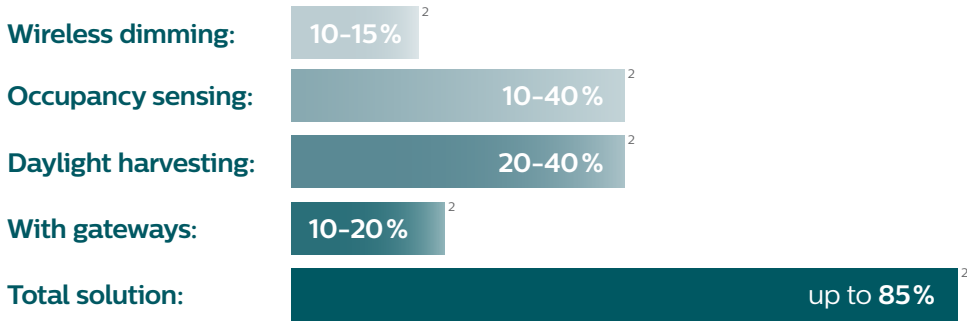
- Create flexible groups between all Interact Ready devices
- Use luminaire integrated sensors to extend coverage to lamps⁴



Add a gateway for cloud-based lighting

- Preventive maintenance of light
- Remote and personal control of lighting
- Management and energy reporting dashboard

Tap the full potential of energy savings



¹ No visible flicker = Pst < 1.0, No stroboscopic effect = SVM < 1.0. Philips MasterConnect TLED measures for Pst and SVM fall below 1.0

² Savings based on published articles and Signify internal study. Total solution means utilizing all available control strategies such as occupancy sensing, daylight harvesting, high-end trim, scheduling, personal control, demand response etc. All savings are compared with non-controlled LED lighting system. Actual savings may vary depending on the application and usage.

³ Tested to B50 L70 requirement. LED lifetime means the length of time (in hours) until half of the LED light sources maintain at least 70% of their initial lumen output (B50, L70)

⁴ For projects where lamps and fixtures are combined you would need the part# IRT9015 Interact Retrofit commissioning device for the fixture set up.



MasterConnect TLED – lighting possibilities



**LED lamp with
occupancy
sensor**



Meeting rooms

Optimize energy savings by automatically switching on/off the light when entering/leaving the room.



**Occupancy
and daylight
sensor**



Classrooms

Optimize comfort by adjusting the light level to the amount of natural light in the room.



**4-button
switch**



Conference rooms

Group the lamps and adjust the level of light depending on the activity (e.g. presentation mode, focus time)



**IP65 sensor
(occupancy
and daylight)**



Storage/parking garages

Maximize energy savings by automatically boosting or dimming the lights depending on presence in the area.



MasterConnect LED PAR – lighting possibilities

Meeting rooms

Group the lamps and optimize lighting for various tasks. Adjust natural/artificial light level in a balanced way.

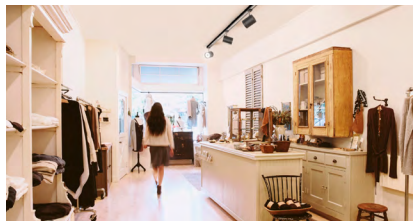


LED lamp with
occupancy
and daylight
sensor



Retail

Optimize shelf lighting by boosting or dimming the light level where needed or by setting different scenes.



4-button
switch



Hospitality/restaurants

Group the lamps and adjust the light level or set different scenes to create the desired ambiance.



4-button
switch



Learn more at www.interact-lighting.com/interactproscalablesystem.

Simple. Scalable. Standardized.

Discover how Philips MasterConnect LED lamps are a win-win for you and your customers.



Truly easy installation

- ✓ Wireless retrofits – minimum renovation
- ✓ No additional wiring or gateway needed
- ✓ Intuitive mobile app set up – ‘install and forget’

More convenient than ever before

- ✓ Lighting automation enhances comfort
- ✓ Wireless dimming
- ✓ Easily set up scenes
- ✓ No gateway – no IT impact

Reliable quality

- ✓ Wide selection of high-quality LED lamps
- ✓ Minimal maintenance thanks to guaranteed product lifetime and system reliability

Improved energy savings

- ✓ Various lighting control strategies available to improve energy efficiency and maximize savings

Future-proof solution

- ✓ Become a trusted advisor and set up service contracts for recurring business

Grow your business, grow your light

- ✓ Upgradable to a cloud-based solution without reinvesting in hardware

Want to know more about Interact? Visit www.interact-lighting.com/en-us

MasterConnect TLED



interact ready.



Product number	Model Number	Product Description	UL Type	Lamp Type	Watts (W)	Lumens (lm)	CRI	Life {2} (Hrs)	Color Temp (K)	Dimmable	DLC ID
562736	9290024566	14.5T8/48-835/MF20/MC IA 10/1	B	4ft T8	14.5	2000	83	70,000	3500	Wireless Dim	PLYX8QV
562744	9290024567	14.5T8/48-840/MF21/MC IA 10/1	B	4ft T8	14.5	2100	83	70,000	4000	Wireless Dim	PNAN8SNC
562751	9290024568	14.5T8/48-850/MF21/MC IA 10/1	B	4ft T8	14.5	2100	83	70,000	5000	Wireless Dim	PJM308EI
547299	9290020518	14T8/48-835/IF20/MC IA 10/1*	A	4ft T8	14	2000	83	70,000	3500	Wireless Dim	P63GG2HV
547307	9290020519	14T8/48-840/IF21/MC IA 10/1*	A	4ft T8	14	2100	83	70,000	4000	Wireless Dim	PYHJU4IT
547315	9290020520	14T8/48-850/IF21/MC IA 10/1*	A	4ft T8	14	2100	83	70,000	5000	Wireless Dim	PWENVHM8

* These products are MTO

MasterConnect LED PAR



interact ready.



Product number	Model Number	Product Description	Lamp Type	Beam Angle (degree)	Watts (W)	Lumens (lm)	CRI	Life {2} (Hrs)	Color Temp (K)	Dimmable	Energy Star
75W lamp equivalent dimming											
553602	9290022541	8PAR30L/MC/930/F25/IA/120V 6/1FB	PAR30L	25°	8	850	90	25,000	3000	Wireless Dim	Yes
553636	9290022544	8PAR30L/MC/930/F40/IA/120V 6/1FB	PAR30L	40°							
553669	9290022547	8PAR30S/MC/930/F25/IA/120V 6/1FB	PAR30S	25°							
553693	9290022550	8PAR30S/MC/930/F40/IA/120V 6/1FB	PAR30S	40°							
120W lamp equivalent dimming											
555789	9290022768	13PAR38/MC/930/F25/IA/120V 6/1FB	PAR38	25°	13	1200	90	25,000	3000	Wireless Dim	Yes
555813	9290022771	13PAR38/MC/930/F40/IA/120V 6/1FB	PAR38	40°							

Smart sensor



Model Number	Product Type	IP rating	EOC code
929001819004	① OCC Sensor IA CM WH 10/1 (presence only)	IP42	77752700
929001819104	② OCC-DL Sensor IA CM IP42 WH (presence + daylight detection)	IP42	77754100
913701043913	③ OCC Sensor IA CM IP65 WH (presence only)	IP65	74542400
913701044013	④ OCC-DL Sensor IA CM IP65 WH (presence + daylight detection)	IP65	74545500

Smart wall-switch



Product Type	12NC code
UID8451/10 ZGP Switch Dim 2B	913700364403
SWS200 ZGP Switch Dim 4B (NA)	913701046713

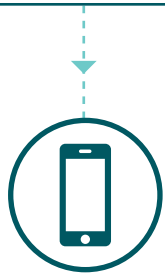
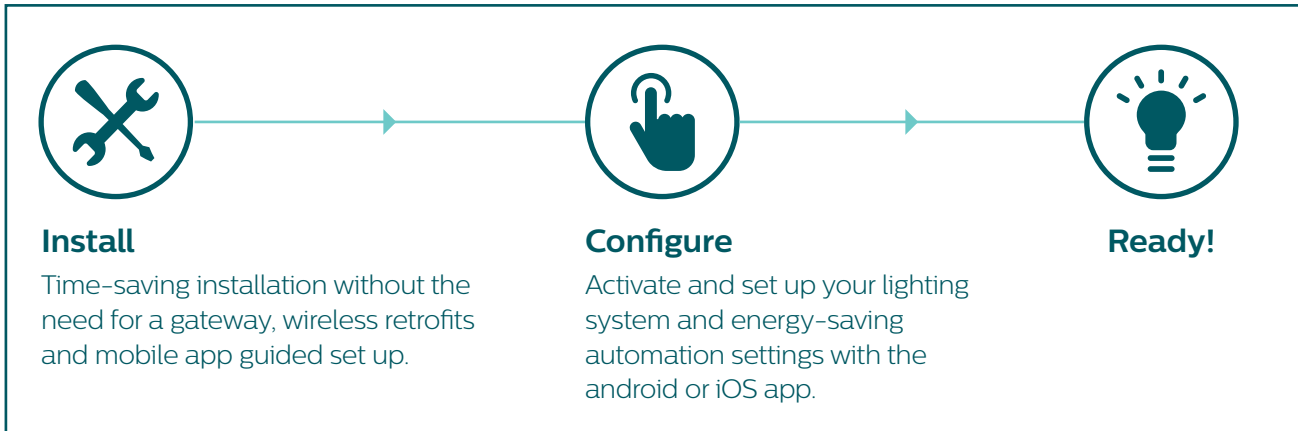
Interact Pro – Gateway



Product Type	12NC code
LCN1840/05 Wireless Gateway NA	913701037713

Smart lighting is only a few simple steps away,

thanks to easy installation and instant setup via the Interact Pro app



Adjust

Once everything is set up, your customer can download the app and, if desired, change the light settings.



Look for the Interact Pro app on your mobile app store.

interact Pro

Looking for more optimization and personalization of your light settings?

Designed for various applications, Philips MasterConnect LED lamps can be used with the Interact Pro app. Optionally add a gateway to enjoy cloud-based benefits such as:

- ✓ Monitor lighting and energy with the Interact Pro dashboard for further optimization
- ✓ Optimized and personalized light levels for your customer's daily business, supporting employees, tasks, safety and security

Learn more at www.interact-lighting.com/interactproscalablesystem

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