

PHILIPS

LED conversion

Retail

REAL
PROs
REAL
QUALITY



The 2023 bans
on fluorescent
are in effect!

How to easily make the big switch with Philips LED

You have three options to switch to Philips LED in retail applications — compliant, energy-saving and smart.

With EU regulations being enforced and energy costs skyrocketing, the only sensible decision is to switch to LED now as there will be no alternatives anymore. **Our wide portfolio of Philips LED solution offers a compatible replacement option for any project to ensure a smooth transition for you and your customers.**

What are the basic project parameters and customer expectations?

① Re-lamping with LED lamps

- Current luminaires need to be kept
- Aiming for solution with low installation effort
- Payback period needs to be less than 1 year
- Larger invest irrational (e.g. rental property or big invest planned ahead)



For renovation projects

② Renovation with LED luminaires

- Interested in modernization
- Medium installation effort estimated
- Ideal for older installations especially if current standards are not met

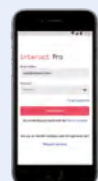


For renovation and new-build projects

③ Upgrade to smart LED lighting

- Looking for maximum energy efficiency and sustainability
- Open for new ideas and smart lighting solutions

interact
ready.



Find the perfect Philips LED solution for each option on the next pages!

1 Re-lamping with Philips LED lamps

- ✓ 1:1 exchange of the conventional lamp
- ✓ Lower investment and faster payback than luminaire replacement

- ✓ Fast solution with little effort



Re-lamp with Philips MASTER Value UO T8

- Hassle-free 1-to-1 replacement
- Glass platform with a wider beam angle for better lighting uniformity
- Up to 60,000 hours lifetime



Energy savings of up to 68%¹



Payback in up to 3.5 months²

Replacing conventional T8	Product type	LED	Lumen output	Efficiency	Beam angle	Dimmable	CRI	Color temp.	Lifetime	EEL	EOC code
W		W	lm	lm/W	°			K	Hrs.		
58	MAS LEDtube VLE 1500mm UO 23W 840 T8	23	3,700	160	190	no	80	4000	60,000	C	871951431688100
58	MAS LEDtube VLE 1500mm HO 20.5W 840	20.5	3,100	151	190	no	80	4000	60,000	D	871869964693600
36	MAS LEDtube VLE 1200mm UO 15.5W 840	15.5	2,500	161	190	no	80	4000	60,000	C	871951431682900
36	MAS LEDtube VLE 1200mm HO 14W 840 T8	14	2,100	150	190	no	80	4000	60,000	D	871869964687500
18	MAS LEDtube VLE 600mm HO 8W 840 T8	8	1,050	141	190	no	80	4000	60,000	E	871869964681300



Re-lamp with Philips MASTER LEDtube HO T5

- Hassle-free 1-to-1 replacement
- Ideal alternative to standard fluorescent tubes to maximize value over lifetime
- Up to 60,000 hours lifetime



Energy savings of up to 50%¹



Payback in up to 11 months²

Replacing conventional T5	Product type	LED	Lumen output	Efficiency	Beam angle	Dimmable	CRI	Color temp.	Lifetime	EEL	EOC code
W		W	lm	lm/W	°			K	Hrs.		
49	MAS LEDtube HF 1500mm HO 26W 840 T5 OE	26	3,900	150	200	yes ³	80	4000	60,000	D	871869974959000
54	MAS LEDtube HF 1200mm HO 26W 840 T5 OE	26	3,900	150	200	yes ³	80	4000	60,000	D	871869974953800
39	MAS LEDtube HF 900mm HO 18.5W 840 T5	18.5	2,800	151	200	yes ³	80	4000	60,000	D	872016916315700
24	MAS LEDtube HF 600mm HO 10.5W 840 T5	10.5	1,600	152	200	yes ³	80	4000	60,000	D	872016916309600

1) Compared with conventional lighting

2) Calculation based on: 4,000 burning hours/year, total costs per year/lamp/luminaire including maintenance and replacement cost. Energy costs are calculated based on the European average of 34 cent/kW hour.

3) Check ballast compatibility

1 Re-lamping with Philips LED lamps

- ✓ 1:1 exchange of the conventional lamp
- ✓ Lower investment and faster payback than luminaire replacement

- ✓ Fast solution with little effort



Re-lamp with Philips CorePro LED PLC 2P

- Hassle-free 1-to-1 replacement
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps
- Reduced operational cost thanks to lower energy consumption



Energy savings
of up to 67%¹



Payback in up
to 4.7 months²

Product type	LED	Lumen output	Efficiency	Beam angle	Dimmable	CRI	Color temp.	Lifetime	EEL	EOC code
	W	lm	lm/W	°			K	Hrs.		
CorePro LED PLC 4.5W 830 2P G24d-1	4.5	475	106	120	no	80	3000	30,000	F	871869670659600
CorePro LED PLC 4.5W 840 2P G24d-1	4.5	500	111	120	no	80	4000	30,000	F	871869670661900
CorePro LED PLC 6.5W 830 2P G24d-2	6.5	650	100	120	no	80	3000	30,000	F	871869654127200
CorePro LED PLC 6.5W 840 2P G24d-2	6.5	700	108	120	no	80	4000	30,000	F	871869654129600
CorePro LED PLC 8.5W 830 2P G24d-3	8.5	950	112	120	no	80	3000	30,000	F	871869654123400
CorePro LED PLC 8.5W 840 2P G24d-3	8.5	1,000	118	120	no	80	4000	30,000	F	871869654125800

2 Renovation with Philips LED luminaires

- ✓ Best optical performance and compliance

- ✓ Advanced features (dimmability, emergency lighting, and more)



Renovate with Philips CoreLine trunking

- Reduced maintenance and best lumens-per-€ solution
- Excellent beam shapes and sparkle for product enhancement
- Highly efficient and reliable LED boards



Energy savings
of up to 55%¹

Product type	LED	Lumen output	Efficiency	Dimmable	CRI	Color temp.	UGR	Lifetime	EOC code
	W	lm	lm/W			K		Hrs.	
LL234X 160S/840 1x PSD WB 7x1.5	100	16,000	160	yes	>80	4000	22	100,000	19921700
LL234X 160S/840 2x PSD WB 7x1.5 HE	97	16,000	165	yes	>80	4000	22	100,000	10797700
LL217X 80S/840 1x PSD WB 7x2.5	50	8,000	160	yes	>80	4000	22	100,000	10793900
LL217X 80S/840 1x PSD WB 7x1.5 HE	48.5	8,000	165	yes	>80	4000	22	100,000	10817200

1) Compared with conventional lighting

2) Calculation based on: 4,000 burning hours/year, total costs per year/lamp/luminaire including maintenance and replacement cost. Energy costs are calculated based on the European average of 34 cent/kW hour.

2 Renovation with Philips LED luminaires

✓ Best optical performance and compliance

✓ Advanced features (dimmability, emergency lighting, and more)



Renovate with Philips CoreLine downlight

- Reliable DALI
- IP54 and emergency lighting versions optionally available external driver
- Up to 120 lm/W



Energy savings
of up to 63%¹



Payback in up
to 18 months²

Product type	LED	Lumen output	Efficiency	Dimmable	CRI	Color temp.	UGR	Lifetime	EOC code
	W	lm	lm/W			K		Hrs.	
DN142B 10S/840 PSU-E WR	9.8	1,200	122	no	>80	4000	25	50,000	50301499
DN142B 20S/840 PSU-E WR	19.2	2,350	122	no	>80	4000	25	50,000	50293299
DN142B 20S/840 PSU-E UGR19	19.2	2,300	120	no	>80	4000	19	50,000	50291899
DN142B LED10S/840 PSD-E WR	10.4	1,200	96	yes	>80	4000	25	50,000	32583500
DN142B LED20S/840 PSD-E UGR19	20	2,300	115	yes	>80	4000	19	50,000	10901800



Renovate with Philips Ledinaire wall-mounted

- For staircases and circulation areas
- Optional motion detection and daylight sensor, including DIP-switch for 10% and 25% dimming (MDU)



Energy savings
of up to 50%¹



Payback in up
to 16 months²

Product type	LED	Lumen output	Efficiency	Dimmable	CRI	Color temp.	UGR	Lifetime	EOC code
	W	lm	lm/W			K		Hrs.	
WL070V LED11_17S/830_835_840	11 17	1,100 1,700	100	no	>80	3000 3500 4000	25	50,000	50824899

1) Compared with conventional lighting

2) Calculation based on: 4,000 burning hours/year, total costs per year/lamp/luminaire including maintenance and replacement cost. Energy costs are calculated based on the European average of 34 cent/kW hour.

3 Upgrade to smart LED lighting

✓ Maximum energy savings even when converting from LED

✓ For an outstanding retail experience where lighting can contribute to safety, productivity and employee well-being

Depending on the project, you can choose between Interact Ready LED tubes or LED luminaires to switch to smart LED lighting. Whichever solution you choose, you can be sure to benefit from hassle-free installation, seamless integration with the easy smart lighting system Interact Pro, and results that will wow your customers.



Re-lamp with Philips MasterConnect LEDtubes

- Smart retrofit LED solution that brings wireless connectivity to existing luminaires



Energy savings
of up to 80%¹

interact
ready.

Replacing conventional T8	Product type	LED	Lumen output	Efficiency	Beam angle	Dimmable	CRI	Color temp.	Lifetime	EEL	EOC code
W		W	lm	lm/W	°			K	Hrs.		
58	MC LEDtube IA 1500mm UO 25W840 T8	25	3700	148	160	Wireless	80	4000	60,000	D	871869966976800
58	MC LEDtube IA 1500mm UO 25W865 T8	25	3700	148	160	Wireless	80	6500	60,000	D	871869966978200
36	MC LEDtube IA 1200mm UO 16W840 T8	16	2500	156	160	Wireless	80	4000	60,000	D	871869966970600
36	MC LEDtube IA 1200mm UO 16W865 T8	16	2500	156	160	Wireless	80	6500	60,000	D	871869966972000
18	MC LEDtube IA 600mm HO 7W840 T8	7	1050	150	160	Wireless	80	4000	60,000	D	871869971748300



Philips CoreLine slim downlight

- “Surface of light” downlight solution
- Product height of less than 30 mm, slim design fits most ceiling types
- Recessed and surface mounted version available

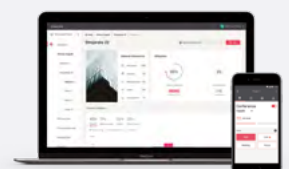


Energy savings
of up to 60%¹

interact
ready.

Product type	LED	Lumen output	Efficiency	Dimmable	CRI	Color temp.	UGR	Lifetime	EOC code
	W	lm	lm/W			K		Hrs.	
DN145B LED10S/840 WIA-E WH	13	1,100	93	Wireless	>80	4000	28	50,000	97640899
DN145B LED20S/840 WIA-E WH	22.5	2,100	93	Wireless	>80	4000	28	50,000	97644699

interact



1) With advanced controls, compared conventional lighting



More helpful links and tools

[LED conversion tool >](#)

Easily find the best LED alternative to replace conventional or outdated lamps.

[TCO tool >](#)

Switching to LED always pays off! Calculate the total cost of ownership with our dedicated tool.

[Product selector tool >](#)

Find the right LED lighting that will fit your customers' plans and budget.

[Training >](#)

Visit the Signify Lighting Academy to learn about LED conversion, our tools, portfolio and products.



© 2023 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. All other trademarks are owned by Signify Holding or their respective owners.