

PHILIPS

LED conversion

Office

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 office 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

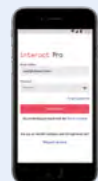


For renovation and new-build projects

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 LEDtube UO T8

- Hassle-free 1-to-1 replacement
- Robust and reliable: stands up to everyday conditions
- Up to 75,000 hours lifetime



Energy savings of up to 70%¹



Payback in up to 7.3 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 1500mm UO 21.7W 840 T8	21.7	3,700	170	160	no	80	4000	75,000	C	871951431664500
58	MAS LEDtube 1500mm HO 18.2W 840 T8	18.2	3,100	170	160	no	80	4000	75,000	C	871869959243100
36	MAS LEDtube 1200mm UO 14.7W 840 T8	14.7	2,500	170	160	no	80	4000	75,000	C	871951431658400
36	MAS LEDtube 1200mm HO 12.5W 840 T8	12.5	2,100	168	160	no	80	4000	75,000	C	871869959237000
18	MAS LEDtube 600mm HO 8W840 T8	8	1,050	131	160	no	80	4000	75,000	E	871869669749800



Re-lamp with Philips Master LEDtube HF 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 47%¹



Payback in up to 12 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.		
35	MAS LEDtube HF 1500mm HE 20W 840 T5	20	3,000	150	200	yes ³	80	4000	60,000	D	871869674337900
28	MAS LEDtube HF 1200mm HE 16.5W 840 T5	16.5	2,500	151	200	yes ³	80	4000	60,000	D	871869674331700
21	MAS LEDtube HF 900mm HE 11.5W 840 T5	11.5	1,700	147	200	yes ³	80	4000	60,000	D	872016916321800
14	MAS LEDtube HF 600mm HE 8W 840 T5	8	1,050	131	200	yes ³	80	4000	60,000	E	871869674325600

1) Compared with conventional lighting

2) Calculation based on: 3,000 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

2 Renovation with Philips LED luminaires

✓ Best optical performance and compliance

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



Renovate with Philips CoreLine panel

- Easily adjust lumen output and/or light color temperature via an integrated switch
- Quick connector or Wieland connector for simpler and faster installation
- Smooth surface of light for office-compliance



Energy savings of up to 51%¹



Payback in up to 17 months²

Product type	LED	Lumen output	Efficiency	Dimmable	CRI	Color temp.	Lifetime	EOC code
	W	lm	lm/W			K	Hrs.	8720169
RC132V G5 29_36_435/830_40 PSU W60L60 OC	34.5–24.5	2,900 3,600 4,300	120	no	≥80	3000 3500 4000	100,000	50176800
RC132V G5 31_36_435/840 PSD W60L60 OC	34.5–24.5	2,900 3,400 4,000	120	yes	≥80	3000	100,000	95036800
RC133V G5 29_36_435/830_40 PSU W62L62 OC	34.5–24.5	2,900 3,600 4,300	120	no	≥80	3000 3500 4000	100,000	50180500
RC133V G5 29_36_435/830_40 PSD W62L62 OC	34.5–24.5	2,900 3,600 4,300	120	yes	≥80	3000 3500 4000	100,000	50181200
RC132V 31_36_435/840 PSU W60L60 OC UKI	34.5–24.5	3,100 3,600 4,300	120	no	≥80	4000	100,000	50183699



Renovate with Philips CoreLine recessed

- Easily adjust lumen output via an integrated switch
- Suitable for plaster ceiling installation
- Easy connection (with looping)
- Office compliant optic available — OC version
- Flicker-free thanks to high performance driver



Energy savings of up to 57%¹



Payback in up to 21 months²

Product type	LED	Lumen output	Efficiency	Dimmable	CRI	Color temp.	Lifetime	EOC code
	W	lm	lm/W			K	Hrs.	8719514
RC136B 31S_37S_43S/840 PSU W60L60 OC	31	3,100 3,700 4,300	140	no	≥80	4000	100,000	51218400
RC136B 31S_37S_43S/840 PSD W60L60 OC	31		140	yes	≥80	4000	100,000	51221400
RC136B 31S_37S_43S/840 PSD W30L120 OC	31		140	yes	≥80	4000	100,000	51223800
RC136B 31S_37S_43S/840 PSU W60L60 NOC	31		140	no	≥80	4000	100,000	51217700
RC136B 28S_34S_40S/830 PSD W60L60 OC	31	2,800 3,400 4,000	130	yes	≥80	3000	100,000	51220700

1) Compared with conventional lighting

2) Calculation based on: 3,000 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

✓ Create engaging workspaces that can contribute to employee well-being, safety and productivity

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



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



Renovate with Philips CoreLine panel

- Quick connector or Wieland connector for simpler and faster installation
- Smooth surface of light for office-compliance

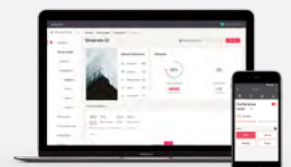


Energy savings of up to 60%¹



Product type	LED	Lumen output	Efficiency	Dimmable	CRI	Color temp.	UGR	Lifetime	EOC code
	W	lm	lm/W			K		Hrs.	
RC132V G5 435/840 SIA W60L60 OC IA4	36	4,300	119	Wireless	≥80	4000	19	100,000	01397100
RC132V G5 405/830 SIA W60L60 OC IA4	36	4,000	111	Wireless	≥80	3000	19	100,000	01398800
RC132V G5 365/840 WIA W60L60 OC	28.5	3,600	125	Wireless	≥80	4000	19	100,000	95367300
RC133V G5 365/840 WIA W62L62 OC	28.5	3,600	125	Wireless	≥80	4000	19	100,000	95370300
RC132V G5 365/840 WIA W30L120 OC	28.5	3,600	125	Wireless	≥80	4000	19	100,000	95371000

interact



1) With advanced controls, compared with conventional lighting



Be part
of the
big switch!

Including details
on the 2023
fluorescent ban



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.



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