



PHILIPS

LEDlamps

The complete
portfolio



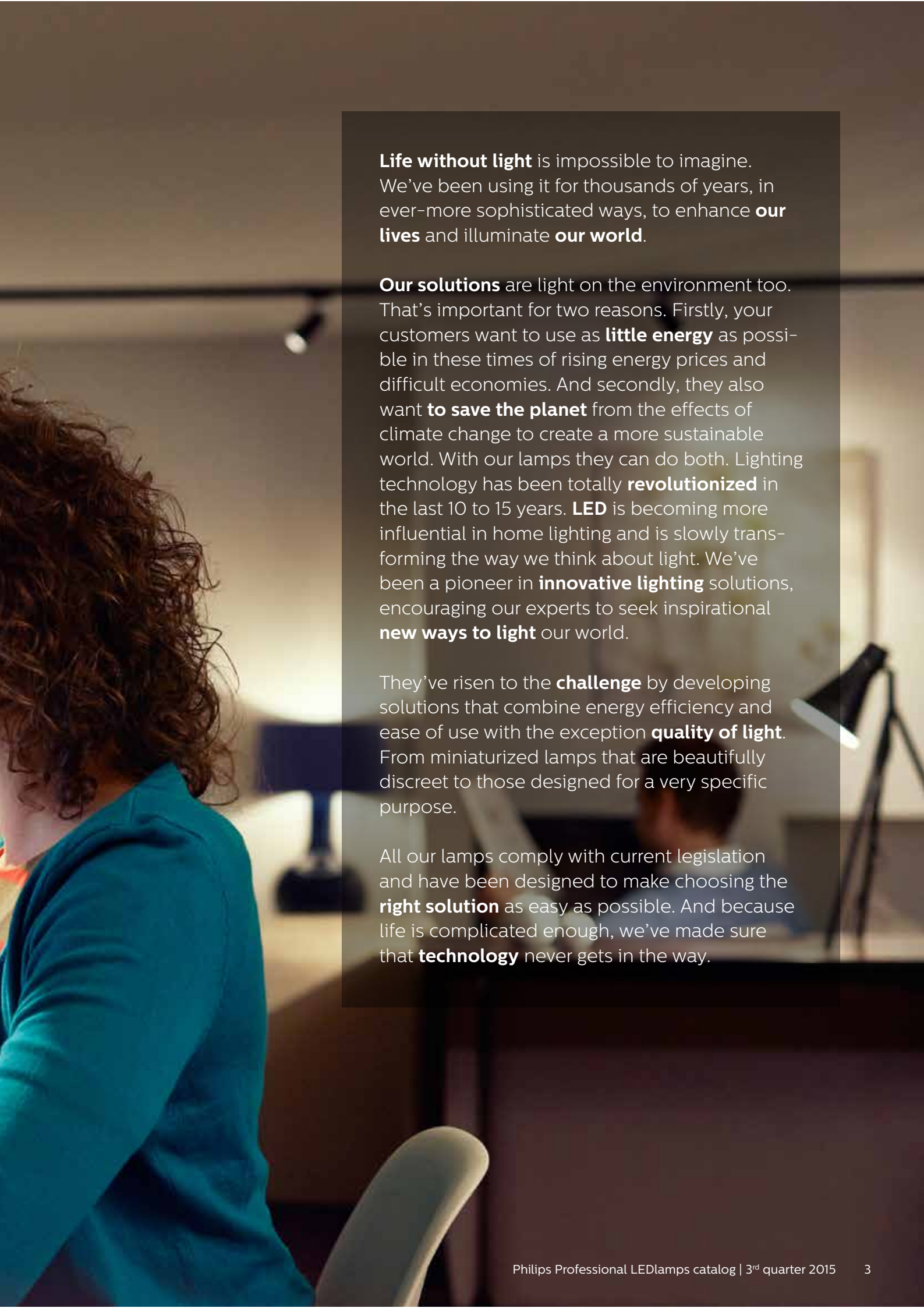
LED can work for you

Professional LEDlamps catalog
Quarter 3 / 2015

'15
September

A woman with curly hair, wearing a teal sweater and a patterned scarf, is seated at a wooden desk, focused on her laptop. The room is dimly lit, featuring a modern track lighting system with several spotlights. One spotlight is directed at the woman, creating a soft glow. In the background, a glass carafe with water and a lime slice sits on the desk, and a dark sofa is visible. The overall atmosphere is professional and contemporary.

What's new in professional lighting?

A person with curly hair, wearing a teal shirt, is seen from the side, sitting at a desk. In the background, there is a desk lamp and a computer monitor. The scene is dimly lit, with the lamp providing the primary light source.

Life without light is impossible to imagine. We've been using it for thousands of years, in ever-more sophisticated ways, to enhance **our lives** and illuminate **our world**.

Our solutions are light on the environment too. That's important for two reasons. Firstly, your customers want to use as **little energy** as possible in these times of rising energy prices and difficult economies. And secondly, they also want **to save the planet** from the effects of climate change to create a more sustainable world. With our lamps they can do both. Lighting technology has been totally **revolutionized** in the last 10 to 15 years. **LED** is becoming more influential in home lighting and is slowly transforming the way we think about light. We've been a pioneer in **innovative lighting** solutions, encouraging our experts to seek inspirational **new ways to light** our world.

They've risen to the **challenge** by developing solutions that combine energy efficiency and ease of use with the exception **quality of light**. From miniaturized lamps that are beautifully discreet to those designed for a very specific purpose.

All our lamps comply with current legislation and have been designed to make choosing the **right solution** as easy as possible. And because life is complicated enough, we've made sure that **technology** never gets in the way.

Professional LEDlamps catalog

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LEDspot

MASTER LEDspot



MASTER LEDspot Value



CorePro LEDspot



LEDcapsule

CorePro LEDcapsule



LEDbulb

MASTER LEDbulb



6-40 W Clear 9-60 W Clear

MASTER LEDbulb E27/B22 - P 38

Classic LEDbulb



4.3-40 W 7.5-60 W

Classic LEDbulb E27/B22 - P 39

CorePro LEDbulb



6.5-40 W 9.5-60 W 6-40 W

CorePro LEDbulb E27/B22 - P 40



6-40 W 40W 3000K 4000K 9-60 W

CorePro LEDbulb E27/B22 - P 40-41



9.5-60 W 10.5-75 W 11-75 W

CorePro LEDbulb E27/B22 - P 41



11.5-75 W 13.5-100 W 16-100 W

CorePro LEDbulb E27/B22 - P 41

LEDcandle

MASTER LEDcandle DimTone



4-25 W 6-40 W

MASTER LEDcandle DimTone E14 - P 44-45



4-25 W 6-40 W

MASTER LEDcandle DimTone E14 - P 44-45



6-40 W

MASTER LEDcandle DiamondSpark B22 - P 45

CorePro LEDcandle



4-25 W 5.5-40 W

CorePro LEDcandle E14 - P 46



4-25 W 5.5-40 W

CorePro LEDcandle E14 - P 46

LEDcluster

MASTER LEDcluster DimTone



4-25 W 6-40 W

MASTER LEDcluster DimTone E14 - P 50-51



4-25 W 6-40 W

MASTER LEDcluster DimTone E27 - P 50-51

CorePro LEDcluster



4-25 W 5.5-40 W

MASTER LEDcluster E14 - P 52



4-25 W 5.5-40 W

MASTER LEDcluster E14 - P 52



4-25 W 5.5-40 W

MASTER LEDcluster E27 - P 52

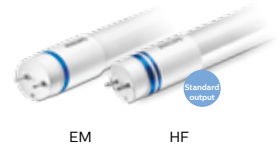


4-25 W 5.5-40 W

MASTER LEDcluster E27 - P 52

LEDtube

MASTER LEDtube



EM HF

MASTER LEDtube - P 58



EM HF

MASTER LEDtube - P 58



EM

MASTER LEDtube - P 59

CorePro LEDtube



CorePro LEDtube - P 60

A man and a woman are sitting in a meeting. The man is on the left, wearing a light blue shirt, looking towards the woman. The woman is on the right, wearing a light blue striped blouse, looking towards the camera with a slight smile. They are sitting on purple chairs. The background is a plain, light-colored wall.

Why choose Philips for LEDlamps



BEST product

Our LEDlamps provide you with:

- **High quality of light:** consistency in color of light ... and no unpleasant surprises in the application
- A uniform, directional beam of light ... and no waste of light in places where you don't want light
- Maximum transformer compatibility ... we designed a unique intelligent driver concept for low voltage LEDlamps, which enables broad compatibility with existing transformers
- High performance dimming ... enjoy smooth, flicker-free dimming with our MASTER LEDlamps. Compatible with all the major dimmer brands in the market.

BEST partner

Close cooperation with Philips before, during, and after projects:

“They really managed to satisfy our needs well. They really have cared a lot and showed a lot of commitment ...”

Technical consulting and intense customer support:

“Quick and competent responses to questions”

Close cooperation with local wholesalers was a key element of assuring on-time product availability:

“Philips is flexible to offer different delivery options”

BEST portfolio


- Extensive portfolio ... we have **a lamp for every socket** and our offer entails an entry range - CorePro ... and a high end range - MASTER
- Philips offers products for all fields in all different segments/ applications, from carpark to supermarket and from office to hotel lobby.

A world
leader
in **LED**
Lighting

Note: For the full dimmer and transformer compatibility list please visit: www.philips.com/masterledlamps.



Recent
EU regulations
related to
lighting products



The European Union (EU) is issuing more and more regulation aimed at reducing energy consumption and the emission of greenhouse gases. At Philips we're committed to leading the lighting market in sustainability and fully support this strategy. These are the key changes in legislation for lighting.

Lighting performance and packaging

The EU Ecodesign directive 2009/125/EC for Energy-related Products (ErP) requires inefficient light sources to be phased out in accordance with regulations EC 244/2009 and EC 1194/2012. It also defines the minimum performance standards for their energy-saving alternatives. Since September 2013, the renewed Energy Efficiency Labeling directive has also come into force, introducing two new classes of energy efficiency: A+ and A++.

The most important changes for 2015

- For non-directional light sources that use halogen and compact fluorescent technology, the performance requirements (EU regulation 244/2009 stage 6) will be officially reviewed by the EU.
- For directional light sources (reflector lamps) the EU regulation 1194/2012 has entered into force. As of September 2014, all incandescent reflector lamps have been banned, except for PAR and special purpose lamps (like IR, colored and crown-mirror lamps).



Corporate social responsibility

Protecting the environment is something that we're passionate about and an integral part of the way we do business. To reduce the amount of energy our products use, and their CO2 footprint, we invest in the most innovative, energy-efficient technologies.

In fact, we were recognized as one of the top 50 greenest brands in the world by Interbrand (Best Global Green brands 2012).

We care about the things that go into our products too. Since July 1st 2006, the EU Directive on the Restriction of Hazardous Substances (RoHS) has regulated the use of certain materials in electrical and electronic equipment.

Choosing Philips guarantees compliance with all applicable laws. It also offers a wide range of possibilities with lamps that comply with the highest environmental standards.



A photograph of a modern hotel lobby. In the foreground, a bright green velvet armchair with a decorative grey and white patterned pillow is partially visible. In the background, a concierge desk with a wooden finish and a dark patterned front panel stands. A concierge in a dark suit is behind the desk, looking down. A sign on the desk reads "CONCIERGE". Above the desk is a large, rectangular, illuminated chandelier with a crystal-like base. The walls are wood-paneled, and the floor is light-colored with dark and orange accents.

Broad LEDspots portfolio for every need



CorePro LEDspot
Range MV & LV

Price fighter

- 15,000 hours lifetime
- 2 years warranty
- Non-dimmable
- 827 & 830 CCT

MASTER LEDspot Value
Range MV & LV

Value for money

- 35,000 hours lifetime
- 3 years warranty
- Dimmable
- 827, 830 & 840 CCT

MASTER LEDspot
Range MV & LV

Ultimate performance

- 50,000 hours lifetime
- 5 years warranty
- DimTone
- CRI90
- 827, 830 & 840 CCT

LEDspot



MASTER LEDspot

MASTER LEDspot Value

CorePro LEDspot



MV GU10 / 4-35 W
Page 16



MV GU10 / 4-35 W
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MV GU10 / 3.5-35 W
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MV GU10 / 3.5-35 W
Page 19



MV GU10 / 4.5-50 W
Page 16



MV GU10 / 5.4-50 W
Page 17



MV GU10 / 4.3-50 W
Page 18



MV GU10 / 4.5-50 W / 5-50 W / 6.5-65 W
Page 19



LV MR16 GU5.3 / 6.5-35 W
Page 20



LV MR16 GU5.3 / 7-35 W
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LV MR16 GU5.3 / 8-50 W
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LV MR16 GU5.3 / 3.4-20 W
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LV GU5.3 / 5.5-35 W / 8-50 W
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LV MR11 GU4 / 3.5 W
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LV MR16 GU5.3 / 6.3-35 W
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LV AR111 G53 / 11-50 W
Page 27



LV AR111 G53 / 15-75 W
Page 27



LV AR111 G53 / 20-100 W
Page 27



MV PAR20 E27 / 5.5-50 W
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MV PAR30S E27 / 9.5-75 W
Page 28



MV R50 E14 / 4.5-40 W
Page 30



MV PAR38 E27 /
13-100 W
Page 29



MASTER LEDspot MV

With our LEDspots Mains Voltage you can enjoy bright, energizing light, at the same time as saving energy and money. Perfect for accent and general lighting. With DimTone the light gets warmer when dimmed. CRI90 gives you the best color presentation (for retail applications).

- CRI90 - see page 63
- DimTone: the more you dim the warmer the light - see page 64
- High Performance Dimming - see page 66
- Longest lifetime
- Superior light quality
- Maximum energy savings
- Delivers committed lifetime in application



MASTER LEDspot MV DimTone / 4-35 W



2700 - 2200
 GU10
 DIMMABLE
 50,000 H
 EEL
 10 PACK
 BEAM ANGLE 25° 40°
 DIMENSIONS 55 150
 89%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot MV	W	W	lm	lm/W	cd	°		K	8718696
DimTone 4-35W GU10 25D	4	35	280	70	1000	25	80	2700-2200	43828200
DimTone 4-35W GU10 40D	4	35	280	70	600	40	80	2700-2200	43830500



MASTER LEDspot MV DimTone / 4.5-50 W



2700 - 2200
 GU10
 DIMMABLE
 50,000 H
 EEL
 10 PACK
 BEAM ANGLE 25° 40°
 DIMENSIONS 55 150
 91%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot MV	W	W	lm	lm/W	cd	°		K	8718696
DimTone 4.5-50W GU10 25D	4.5	50	355	79	1400	25	80	2700-2200	43840400
DimTone 4.5-50W GU10 40D	4.5	50	355	79	800	40	80	2700-2200	43842800



MASTER LEDspot MV / 4-35 W / CRI 90



2700 / 3000 / 4000
 GU10
 DIMMABLE
 50,000 H
 A++
 10 PACK
 BEAM ANGLE 25° / 40°
 DIMENSIONS 57 / 150
 89%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot MV	W	W	lm	lm/W	cd	°		K	8718696
D 4-35W GU10 927 25D	4	35	250	63	925	25	90	2700	45727600
D 4-35W GU10 930 25D	4	35	260	65	962	25	90	3000	45731300
D 4-35W GU10 940 25D	4	35	282	71	1040	25	90	4000	45735100
D 4-35W GU10 927 40D	4	35	262	66	560	40	90	2700	45729000
D 4-35W GU10 930 40D	4	35	272	68	582	40	90	3000	45733700
D 4-35W GU10 940 40D	4	35	285	71	624	40	90	4000	45739900



MASTER LEDspot MV / 5.4-50 W / CRI 90



2700 / 3000 / 4000
 GU10
 DIMMABLE
 50,000 H
 A++
 10 PACK
 BEAM ANGLE 25° / 40°
 DIMENSIONS 57 / 150
 89%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot MV	W	W	lm	lm/W	cd	°		K	8718696
D 5.4-50W GU10 927 25D	4.5	50	360	80	1350	25	90	2700	45715300
D 5.4-50W GU10 930 25D	4.5	50	360	80	1350	25	90	3000	45719100
D 5.4-50W GU10 927 40D	4.5	50	378	84	800	40	90	2700	45717700
D 5.4-50W GU10 930 40D	4.5	50	378	84	800	40	90	3000	45721400
D 5.4-50W GU10 940 40D	4.5	50	392	87	830	40	90	4000	45725200



Please refer to the site www.philips.com/masterledlamps for the latest information about dimming MASTER LEDlamps and about transformer compatibility.



MASTER LEDspot MV Value

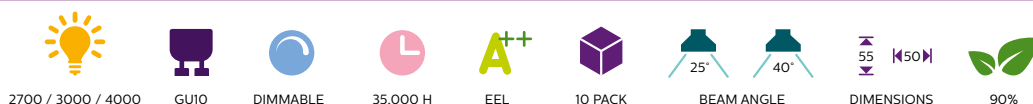
Quality, VALUE and lifetime

You've got it in one with the new range of MASTER LEDspot Value lamps. Designed with a 25D and 36D beam angle for general lighting applications in retail and hospitality, they offer high quality at an affordable price. With a choice of three color temperatures, dimmable options, and a reliable lifetime, it's everything you value in LED.

- New MASTER Value range - see page 63
- High Performance Dimming - see page 66
- Long lifetime
- Superior light quality
- Maximum energy savings



MASTER LEDspot MV Value / 3.5-35 W



Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot MV Value	W	W	lm	lm/W	cd	°		K	8718696
D 3.5-35W GU10 827 25D	3.5	35	260	74	1000	25	80	2700	43832900
D 3.5-35W GU10 830 25D	3.5	35	270	77	1000	25	80	3000	43834300
D 3.5-35W GU10 840 25D	3.5	35	290	83	1000	25	80	4000	43836700
D 3.5-35W GU10 827 40D	3.5	35	260	74	600	40	80	2700	45703000
D 3.5-35W GU10 830 40D	3.5	35	270	77	600	40	80	3000	45705400
D 3.5-35W GU10 840 40D	3.5	35	290	83	600	40	80	4000	45707800



MASTER LEDspot MV Value / 4.3-50 W



Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot MV Value	W	W	lm	lm/W	cd	°		K	8718696
D 4.3-50W GU10 827 25D	4.3	50	355	83	1400	25	80	2700	43838100
D 4.3-50W GU10 830 25D	4.3	50	365	85	1400	25	80	3000	43844200
D 4.3-50W GU10 840 25D	4.3	50	390	91	1400	25	80	4000	43846600
D 4.3-50W GU10 827 40D	4.3	50	355	83	800	40	80	2700	45709200
D 4.3-50W GU10 830 40D	4.3	50	365	85	800	40	80	3000	45711500
D 4.3-50W GU10 840 40D	4.3	50	390	91	800	40	80	4000	45713900



CorePro LEDspot MV

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light.

- Easy retrofit
- Long lifetime
- Huge energy saving
- Low heat generation

NEW



CorePro LEDspot MV / 3.5-35 W



2700 / 3000



GU10



NON-DIMMABLE



15,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



90%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC	EOC
CorePro LEDspot MV	W	W	lm	lm/W	cd	°		K	8718696	8718291
3.5-35W GU10 827 36D RN *)	3.5	35	250	71	650	36	80	2700	48594100	
3.5-35W GU10 827 36D RS *)	3.5	35	250	71	650	36	80	2700		79916000
3.5-35W GU10 830 36D RN *)	3.5	35	250	71	650	36	80	3000	48596500	
3.5-35W GU10 830 36D RS *)	3.5	35	250	71	650	36	80	3000		79918400

NEW



CorePro LEDspot MV / 4.5-50 W - 5-50 W



2700 / 3000 / 4000



GU10



NON-DIMMABLE



15,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



91%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC	EOC
CorePro LEDspot MV	W	W	lm	lm/W	cd	°		K	8718696	8718291
4.5-50W GU10 827 36D RN *)	4.5	50	350	70	900	36	80	2700	48598900	
4.5-50W GU10 827 36D RS *)	4.5	50	350	70	900	36	80	2700		79920700
4.5-50W GU10 830 36D RN *)	4.5	50	350	70	900	36	80	3000	48600900	
4.5-50W GU10 830 36D RS *)	4.5	50	350	70	900	36	80	3000		79922100
5-50W GU10 840 36D	5	50	370	74	900	36	80	4000	49714200	
5-50W GU10 830 50D	5	50	370	74	400	50	80	3000	49716600	
5-50W GU10 840 50D	5	50	400	80	400	50	80	4000	49718000	

NEW



CorePro LEDspot MV / 6.5-65 W



3000



GU10



NON-DIMMABLE



15,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



90%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
CorePro LEDspot MV	W	W	lm	lm/W	cd	°		K	8718
6.5-65W GU10 830 36D	6.5	65	460	71	1100	36	80	3000	69649823100



Please refer to the site www.philips.com/masterledlamps for the latest information about dimming MASTER LEDlamps and about transformer compatibility.

*) Note: Some of the products are only available in specific countries.

Product descriptions with 'RS' are only available in: France, Spain, Portugal, Italy, Greece and Israel.

Product descriptions with 'RN' are only available in the rest of the European countries.



MASTER LEDspot LV MR16

The robustly designed MASTER LEDspot offers a choice of beam angles for a clearly defined beam spread. There is no UV or IR in the beam, making it suitable for illuminating heat-sensitive objects (food, organic materials, paintings, etc.)

- AirFlux
- TransforMax (excluding 20 W) - see page 66
- DimTone: the more you dim the warmer the light - see page 64
- Dimmable
- Long lifetime
- Compatible with most commonly available halogen transformers. Exclusively suited for electronic transformers



MASTER LEDspot LV MR16 / 6.5-35 W DimTone



2700-2200



GU5.3



DIMMABLE



25,000 H



EEL



10 PACK



24°



36°

BEAM ANGLE



50 51 DIMENSIONS



81%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot LV	W	W	lm	lm/W	cd	°		K	8718969
6.5-35W 2700K MR16 24D	6.5	35	370	57	1800	24	80	2700-2200	44213500
6.5-35W 2700K MR16 36D	6.5	35	370	57	900	36	80	2700-2200	44215900



NEW



MASTER LEDspot LV MR16 / 7-35 W



2700 / 3000 / 4000
 GU5.3
 DIMMABLE
 40,000 H
 EEL
 10 PACK
 BEAM ANGLE
 DIMENSIONS
 80%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot LV	W	W	lm	lm/W	cd	°		K	8718696
D 7-35W 827 MR16 24D	7	35	390	60	2100	24	80	2700	48878200
D 7-35W 830 MR16 24D	7	35	410	63	2200	24	80	3000	48935200
D 7-35W 840 MR16 24D	7	35	430	66	2300	24	80	4000	48937600
D 7-35W 827 MR16 36D	7	35	385	60	1150	36	80	2700	48939000
D 7-35W 830 MR16 36D	7	35	405	63	1200	36	80	3000	48941300
D 7-35W 840 MR16 36D	7	35	425	66	1250	36	80	4000	48943700
D 7-35W 827 MR16 60D	7	35	360	60	440	60	80	2700	48945100
D 7-35W 830 MR16 60D	7	35	380	63	460	60	80	3000	48947500

NEW



MASTER LEDspot LV MR16 / 8-50 W



2700 / 3000
 GU5.3
 DIMMABLE
 40,000 H
 EEL
 10 PACK
 BEAM ANGLE
 DIMENSIONS
 84%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC	EOC
MASTER LEDspot LV	W	W	lm	lm/W	cd	°		K	8718694	8718695
D 8-50W 827 MR16 24D	8	50	621	78	3100	24	80	2700	48999400	
D 8-50W 830 MR16 24D	8	50	621	78	3250	24	80	3000	49001300	
D 8-50W 827 MR16 36D	8	50	635	79	1650	36	80	2700		51536500
D 8-50W 830 MR16 36D	8	50	660	83	1700	36	80	3000		51538900



Please refer to the site www.philips.com/masterledlamps for the latest information about dimming MASTER LEDlamps and about transformer compatibility.



MASTER LEDspot LV Value MR16

Quality, VALUE and lifetime

You've got it in one with the new range of MASTER LEDspot Value lamps. Designed with a 36D beam angle for general lighting applications in retail and hospitality, they offer high quality at an affordable price. With a choice of three color temperatures, dimmable options, and a reliable lifetime, it's everything you value in LED.

- AirFlux
- TransforMax (excluding 20 W) - see page 66
- Dimmable
- Long lifetime
- Compatible with most commonly available halogen transformers. Exclusively suited for electronic transformers



MASTER LEDspot LV Value MR16 / 3.4-20 W



2700 / 3000



GU5.3



NON-DIMMABLE



25,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



83%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot LV Value	W	W	lm	lm/W	cd	°		K	8718696
3.4-20W 827 MR16 24D	3.4	20	220	65	1000	24	80	2700	47570600
3.4-20W 830 MR16 24D	3.4	20	225	66	1000	24	80	3000	47576800
3.4-20W 827 MR16 36D	3.4	20	220	65	550	36	80	2700	47572000
3.4-20W 830 MR16 36D	3.4	20	225	66	600	36	80	3000	47574400



NEW

MASTER LEDspot LV Value MR16 / 6.3-35 W



2700 / 3000 / 4000



GU5.3



DIMMABLE



25,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



82%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC	
MASTER LEDspot LV Value	W	W	lm	lm/W	cd	°		K	8718696	8718291
D 6.3-35W 827 MR16 24D RN *)	6.3	35	380	60	1800	24	80	2700	49021100	
D 6.3-35W 827 MR16 24D RS *)	6.3	35	380	60	1800	24	80	2700	44217300	
D 6.3-35W 830 MR16 24D RN *)	6.3	35	395	63	1800	24	80	3000	49023500	
D 6.3-35W 830 MR16 24D RS *)	6.3	35	395	63	1800	24	80	3000	44219700	
D 6.3-35W 840 MR16 24D RN *)	6.3	35	410	65	1800	24	80	4000	49025900	
D 6.3-35W 840 MR16 24D RS *)	6.3	35	410	65	1800	24	80	4000	44221000	
D 6.3-35W 827 MR16 36D RN *)	6.3	35	380	60	980	36	80	2700	49027300	
D 6.3-35W 827 MR16 36D RS *)	6.3	35	380	60	980	36	80	2700		77533100
D 6.3-35W 830 MR16 36D RN *)	6.3	35	395	63	1000	36	80	3000	49029700	
D 6.3-35W 830 MR16 36D RS *)	6.3	35	395	63	1000	36	80	3000		78543900
D 6.3-35W 840 MR16 36D RN *)	6.3	35	410	65	1000	36	80	4000	49031000	
D 6.3-35W 840 MR16 36D RS *)	6.3	35	410	65	1000	36	80	4000		78545300



Please refer to the site www.philips.com/masterledlamps for the latest information about dimming MASTER LEDlamps and about transformer compatibility.

*) Note: Some of the products are only available in specific countries.

Product descriptions with 'RS' are only available in: France, Spain, Portugal, Italy, Greece and Israel.

Product descriptions with 'RN' are only available in the rest of the European countries.





CorePro LEDspot LV MR16

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. These are compatible with most existing fixtures with MR16 GU5.3 holders and are designed as a retrofit replacement for halogen or incandescent spots.

- Easy retrofit
- Long lifetime
- Huge energy saving
- Low heat generation
- Improved lens cap design
- Reliable Philips quality for competitive price



CorePro LEDspot LV MR16 / 5.5-35 W



2700



GU5.3



NON-DIMMABLE



15,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



70%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
CorePro LEDspot LV	W	W	lm	lm/W	cd	°		K	8718696
5.5-35W MR16 2700K 36D	5.5	35	390	71	1000	36	80	2700	47568300

NEW



CorePro LEDspot LV MR16 / 8-50 W



3000 / 4000



GU5.3



NON-DIMMABLE



15,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



70%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
CorePro LEDspot LV	W	W	lm	lm/W	cd	°		K	8718696
ND 8-50W 830 MR16 50D	8	50	720	90	900	50	80	3000	52891400
ND 8-50W 840 MR16 50D	8	50	720	90	1000	50	80	4000	52893800
ND 8-50W 830 MR16 36D	8	50	680	85	1400	36	80	3000	52887700
ND 8-50W 840 MR16 36D	8	50	730	91	1500	36	80	4000	52889100



Please refer to the site www.philips.com/masterledlamps for the latest information about transformer compatibility.





MASTER LEDspot LV MR11

The MR11 spot truly enhances the presentation of silver jewelry, adding sparkle to the items on display.

- TransforMax - see page 66
- Long lifetime
- Clearly defined beam spread
- Compatible with most commonly available halogen transformers. Exclusively suited for electronic transformers



MASTER LEDspot LV MR11 / 3.5-20 W



2700



GU4



NON-DIMMABLE



40,000 H



EEL



12 PACK



BEAM ANGLE
24°



DIMENSIONS
40 x 35 mm



82%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot LV	W	W	lm	lm/W	cd	°		K	8718696
3.5-20W GU4 2700K 24D	3.5	20	200	57	1000	24	80	2700	41019600
















MASTER LEDspot LV AR111


These spots are dimmable and ideal for accent and general lighting.
CRI90 gives you the best color presentation (for retail applications).









- TransformMax – see page 66
- Dimmable
- Long lifetime

NEW  **MASTER LEDspot LV AR111 / 11-50 W** 



 2700 / 3000
  G53
  DIMMABLE
  40,000 H
  EEL
  6 PACK
  BEAM ANGLE 24° 40°
  DIMENSIONS 60.5 111
  80%










Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot LV	W	W	lm	lm/W	cd	°		K	871869651
D 11-50W 927 AR111 24D	11	50	620	56	2900	24	90	2700	488700
D 11-50W 930 AR111 24D	10	50	578	58	3370	24	90	3000	490000
D 11-50W 927 AR111 40D	10	50	547	55	1150	40	90	2700	492400
D 11-50W 930 AR111 40D	10	50	572	57	1210	40	90	3000	494800

NEW  **MASTER LEDspot LV AR111 / 15-75 W** 

 2700 / 3000
  G53
  DIMMABLE
  40,000 H
  EEL
  6 PACK
  BEAM ANGLE 24° 40°
  DIMENSIONS 60.5 111
  80%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot LV	W	W	lm	lm/W	cd	°		K	871869651
D 15-75W 927 AR111 24D	15	75	830	55	4560	24	90	2700	496200
D 15-75W 930 AR111 24D	15	75	745	50	4240	24	90	3000	498600
D 15-75W 927 AR111 40D	15	75	830	55	1550	40	90	2700	500600
D 15-75W 930 AR111 40D	15	75	745	55	1400	40	90	3000	502000

NEW  **MASTER LEDspot LV AR111 / 20-100 W** 

 2700
  G53
  DIMMABLE
  40,000 H
  EEL
  6 PACK
  BEAM ANGLE 24°
  DIMENSIONS 60.5 111
  80%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot LV	W	W	lm	lm/W	cd	°		K	871869651
D 20-100W 827 AR111 24D	15	75	725	48	1520	24	80	2700	504400



Please refer to the site www.philips.com/masterledlamps for the latest information about dimming MASTER LEDlamps and about transformer compatibility.



MASTER LEDspot MV PAR

With our LEDspots Mains Voltage you can enjoy bright, energizing light, at the same time as saving energy and money. Perfect for task lighting.

- AirFlux
- Longest lifetime
- For accent and general lighting
- Superior light quality
- Maximum energy savings
- New and improved design



MASTER LEDspot MV PAR / 5.5-50 W PAR20



2700 / 3000 / 4000
 E27
 DIMMABLE
 45,000 H
 EEL
 EEL 4000 K / 25D
 6 PACK
 BEAM ANGLE 25° / 40°
 DIMENSIONS 85.2 x 65 H
 89%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot MV	W	W	lm	lm/W	cd	°		K	8718696
D 5.5-50W 2700K PAR20 25D	5.5	50	480	87	2000	25	80	2700	46063400
D 5.5-50W 3000K PAR20 25D	5.5	50	490	89	2050	25	80	3000	46065800
D 5.5-50W 4000K PAR20 25D	5.5	50	520	94	2150	25	80	4000	46067200
D 5.5-50W 2700K PAR20 40D	5.5	50	480	87	950	40	80	2700	46069600
D 5.5-50W 3000K PAR20 40D	5.5	50	490	89	970	40	80	3000	46071900
D 5.5-50W 4000K PAR20 40D	5.5	50	520	94	1000	40	80	4000	46073300



MASTER LEDspot MV PAR / 9.5-75 W PAR30S



2700 / 4000
 E27
 DIMMABLE
 40,000 H
 EEL
 6 PACK
 BEAM ANGLE 25°
 DIMENSIONS 94 x 92 H
 87%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot MV	W	W	lm	lm/W	cd	°		K	8718291
D 9.5-50W 2700K PAR30S 25D	9.5	75	650	68	3500	25	80	2700	71434700
D 9.5-50W 4000K PAR30S 25D	9.5	75	750	79	3850	25	80	4000	71436100



Please refer to the site www.philips.com/masterledlamps for the latest information about dimming MASTER LEDlamps.



MASTER LEDspot MV PAR / 13-100 W PAR38



2700



E27



DIMMABLE



40,000 H (indoor)
20,000 H (outdoor)



EEL



6 PACK



25°
BEAM ANGLE



132
K124
DIMENSIONS



87%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot MV	W	W	lm	lm/W	cd	°		K	8718696
D 13-100W 2700K PAR38 25D	13	100	1000	62	5000	25	80	2700	46043600



CorePro LEDspot MV R50

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light.

- Easy retrofit
- Long lifetime
- Huge energy saving
- Low heat generation



CorePro LEDspot MV R50 / 4.5-40 W



2700



E14



DIMMABLE



15,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



89%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
CorePro LEDspot R50	W	W	lm	lm/W	cd	°		K	8718291
4.5-40W E14 2700K 36D	4.5	40	255	57	650	36	80	2700	77017600



Please refer to the site www.philips.com/masterledlamps for the latest information about dimming MASTER LEDlamps.





LEDcapsule

CorePro LEDcapsule



G9 / MV 2.5-25 W
Page 34



G4 / LV 1.2-10 W
Page 34



G4 / LV 2-20 W
Page 34



CorePro LEDcapsule LV

Our LEDcapsule provides crisp, sparkling halogen like light. It is especially suitable for task lighting and decorative applications.

- Long lifetime
- UV- and IR-free light for less heat and protection
- For heat-sensitive objects
- Unique sparkling effect



CorePro LEDcapsule LV / 1.2-10 W



3000



G4



NON-DIMMABLE



15,000 H



EEL



12 PACK



BEAM ANGLE



DIMENSIONS



88%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
CorePro LEDcapsule LV	W	W	lm	lm/W	cd	°		K	8718696
G4 3000K 1.2-10 W	1.2	10	105	88	-	n.a.	80	3000	42228100



CorePro LEDcapsule LV / 2-20 W



3000



G4



NON-DIMMABLE



15,000 H



EEL



12 PACK



BEAM ANGLE



DIMENSIONS

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
CorePro LEDcapsule LV	W	W	lm	lm/W	cd	°		K	8718696
G4 3000K 2-20 W	2	20	200	91	-	n.a.	80	3000	41916800



Please refer to the site www.philips.com/masterledlamps for the latest information about transformer compatibility.



CorePro LEDcapsule MV



CorePro LEDcapsule MV / 2.5-25 W



2700



G9



NON-DIMMABLE



15,000 H



EEL



12 PACK

BEAM ANGLE
n.a.DIMENSIONS
53 x 18

90%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
CorePro LEDcapsule MV	W	W	lm	lm/W	cd	°		K	8718696
G9 2700K 2.5-25 W	2.5	25	204	82	-	n.a.	80	2700	41920500





LEDbulb

MASTER LEDbulb



NEW

E27/B22 / 6-40 W Clear
Page 38



NEW

E27/B22 / 9-40 W Clear
Page 38



NEW

E27/B22 / 6.5-40 W
Page 40



NEW

E27/B22 / 9.5-60 W
Page 40



NEW

E27 / 6-40 W
Page 40

Classic LEDbulb



NEW

E27 / 4.3-40 W
Page 39



NEW

E27 / 7.5-60 W
Page 39



NEW

E27 / 9.5-60 W
Page 41



NEW

E27 / 10.5-75 W
Page 41



NEW

E27/B22 / 11-75 W
Page 41



NEW

E27 / 11-75 W
Page 41



NEW

E27/B22 / 13.5-100 W
Page 41



NEW

E27 / 16-100 W
Page 41

CorePro LEDbulb



NEW

E27/B22 / 6-40 W
Page 40



NEW

40 W / 3000 K / 6500 K
Page 40



NEW

E27/B22 / 9-60 W
Page 41



NEW

E27 / 11-75 W
Page 41



NEW

E27/B22 / 13.5-100 W
Page 41



NEW

E27 / 16-100 W
Page 41



MASTER LEDbulb

The MASTER LEDbulb range delivers a dimmable warm light effect for a welcoming, warm atmosphere, making it ideal for general lighting applications. With DimTone the light gets warmer when dimmed which is especially suited for hospitality applications.

- Clear bulb. Style has nothing to hide - see page 65
- High Performance Dimming - see page 66
- Longest lifetime
- Superior light quality
- Maximum energy savings

NEW



MASTER LEDbulb clear / 6-40 W



DimTone



2700 - 2200



E27



B22



DIMMABLE



25,000 H



EEL



6 PACK



DIMENSIONS
E27



85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDbulb clear	W	W	lm	lm/W			K	8718696
DT 6-40W E27 A60 CL	6	40	470	77	A60	80	2700 - 2200	48128800
DT 6-40W B22 A60 CL	6	40	470	77	A60	80	2700 - 2200	48130100

NEW



MASTER LEDbulb clear / 9-60 W



DimTone



2700 - 2200



E27



B22



DIMMABLE



25,000 H



EEL



6 PACK



DIMENSIONS
E27



85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDbulb clear	W	W	lm	lm/W			K	8718696
DT 9-60W E27 A60 CL	9	60	806	89	A60	80	2700 - 2200	48132500
DT 9-60W B22 A60 CL	9	60	806	89	A60	80	2700 - 2200	48134900

NEW



Classic LEDbulb / 4.3-40 W



2700



E27



NON-DIMMABLE



15,000 H



EEL



6 PACK



104 60
DIMENSIONS
E27



89%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
Classic LEDbulb	W	W	lm	lm/W			K	8718696
40W E27 WW A60 CL ND 1CT	4.3	40	470	110	A60	80	2700	517535

NEW



Classic LEDbulb / 7.5-60 W



2700



E27



NON-DIMMABLE



15,000 H



EEL



6 PACK



104 60
DIMENSIONS
E27



87%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
Classic LEDbulb	W	W	lm	lm/W			K	8718696
60W E27 WW A60 CL ND 1CT	7.5	60	806	107	A60	80	2700	517659



Please refer to the site www.philips.com/masterledlamps for the latest information about dimming MASTER LEDlamps.



CorePro LEDbulb

CorePro LEDbulbs are designed for retrofit replacements of incandescent bulbs, and are compatible with existing fixtures with E27 or B22 holders.

- Easy retrofit
- Long lifetime
- Huge energy saving
- Low heat generation

NEW



CorePro LEDbulb / 6.5-40 W



2700



E27



B22



NON-DIMMABLE



15,000 H



EEL



6 PACK

DIMENSIONS
110 60

84%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
ND 6.5-40W E27 A60 CL	6.5	40	470	72	A60	80	2700	51587700
ND 6.5-40W B22 A60 CL	6.5	40	470	72	A60	80	2700	51589100

NEW



CorePro LEDbulb / 9.5-60 W



2700



E27



B22



NON-DIMMABLE



15,000 H



EEL



6 PACK

DIMENSIONS
110 60

84%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
ND 9.5-60W E27 A60 CL	9.5	60	806	85	A60	80	2700	51599000
ND 9.5-60W B22 A60 CL	9.5	60	806	85	A60	80	2700	51601000

NEW



CorePro LEDbulb / 6-40 W



2700



E27



DIMMABLE



15,000 H



EEL



6 PACK

DIMENSIONS
109 38

85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
D 6-40W 827 E27	6	40	470	78	A60	80	2700	47881300

NEW



6-40 W

3000K 6500K

CorePro LEDbulb / 6-40 W

2700 / 3000
4000 / 6500

E27



B22



NON-DIMMABLE



15,000 H



EEL



6 PACK

DIMENSIONS
E27 / 5.5-40W
110 60DIMENSIONS
E27 / 6-40W
107 61DIMENSIONS
B22
108 60

85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
6-40W 827 E27	6	40	470	78	A60	80	2700	49080800
6-40W 827 B22	6	40	470	78	A60	80	2700	51008700
6-40W 830 E27	6	40	470	78	A60	80	3000	49756200
6-40W 840 E27	6	40	470	78	A60	80	4000	51036000
5.5-40W 865 E27	5.5	40	470	85	A60	80	6500	49762300

NEW



CorePro LEDbulb / 9-60 W

2700 / 3000 4000 / 6500
 E27
 B22
 NON-DIMMABLE
 15,000 H
 EEL
 6 PACK
 DIMENSIONS E27
 DIMENSIONS B22
 85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
9-60W 827 E27	9	60	806	90	A60	80	2700	49078500
9-60W 827 B22	9	60	806	90	A60	80	2700	51006300
9.5-60W 830 E27	9.5	60	806	85	A60	80	3000	49754800
9.5-60W 840 E27	9.5	60	806	85	A60	80	4000	51034600
9-60W 865 E27	9	60	806	90	A60	80	6500	49760900

NEW



CorePro LEDbulb / 11-75 W

2700 / 3000 4000 / 6500
 E27
 B22
 NON-DIMMABLE
 15,000 H
 EEL
 6 PACK
 DIMENSIONS E27
 DIMENSIONS B22
 86%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
10-75W 840 E27	10	75	1055	106	A60	80	4000	51032200
10.5-75W 830 E27	10.5	75	1055	100	A60	80	3000	49752400
10.5-75W 865 E27	10.5	75	1055	100	A60	80	6500	49758600
11-75W 827 E27	11	75	1055	96	A60	80	2700	49076100
11-75W 827 B22	11	75	1055	96	A60	80	2700	51004900

NEW



CorePro LEDbulb / 9.5-60W - 11.5-75 W

2700
 E27
 DIMMABLE
 15,000 H
 EEL
 6 PACK
 DIMENSIONS
 86%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
D 9.5-60W 827 E27	9.5	60	806	85	A60	80	2700	47879000
D 11.5-75W 827 E27	11.5	75	1055	92	A60	80	2700	47877600

NEW



CorePro LEDbulb / 13.5-100 W

2700 / 4000
 E27
 B22
 NON-DIMMABLE
 15,000 H
 EEL
 6 PACK
 DIMENSIONS
 86%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
13.5-100W 827 E27	13.5	100	1521	112	A60	80	2700	49074700
13.5-100W 827 B22	13.5	100	1521	112	A60	80	2700	51002500
13.5-100W 840 E27	13.5	100	1521	112	A60	80	4000	51030800

NEW



CorePro LEDbulb / 16-100 W

2700
 E27
 DIMMABLE
 15,000 H
 EEL
 6 PACK
 DIMENSIONS
 87%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
D 16-100W 827 E27	16	100	1521	95	A60	80	2700	47875200



LEDcandle

MASTER LEDcandle DimTone



E14 / 4-25 W
Page 44



E14 / 6-40 W
Page 45



E14 / 4-25 W
Page 44



E14 / 6-40 W
Page 45



B22 / 6-40 W
Page 45

CorePro LEDcandle



E14 / 4-25 W
Page 46



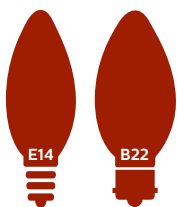
E14 / 5.5-40 W
Page 46



E14 / 4-25 W
Page 46



E14 / 5.5-40 W
Page 46



MASTER LEDcandle DimTone

Thanks to a revolutionary new lens design, these candles now produce the most beautiful sparkling light. The ivory-colored design is a perfect match with existing luminaires.

- DimTone: the more you dim the warmer the light - see page 64
- Unique, eye-catching lens design
- Also available in a classic candle design
- Huge energy savings



MASTER LEDcandle DimTone / 4-25 W



DimTone



2700-2200



E14



DIMMABLE



25.000 H



EEL



10 PACK



DIMENSIONS



84%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDcandle	W	W	lm	lm/W			K	8718696
DT 4-25W E14 827 B38 CL	4	25	250	65	B38	80	2700-2200	45368100



MASTER LEDcandle DimTone / 4-25 W



DimTone



2700-2200



E14



DIMMABLE



25.000 H



EEL



10 PACK



DIMENSIONS



84%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDcandle	W	W	lm	lm/W			K	8718696
DT 4-25W E14 827 BA38 CL	4	25	250	65	BA38	80	2700-2200	45376600



Please refer to the site www.philips.com/masterledlamps for the latest information about dimming MASTER LEDlamps.



MASTER LEDcandle DimTone / 6-40 W



DimTone



2700-2200



E14



DIMMABLE



25.000 H



EEL



10 PACK



DIMENSIONS



85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDcandle	W	W	lm	lm/W			K	8718696
DT 6-40W E14 827 B38 CL	6	40	470	78	B38	80	2700-2200	45350600



MASTER LEDcandle DimTone / 6-40 W



DimTone



2700-2200



E14



DIMMABLE



25.000 H



EEL



10 PACK



DIMENSIONS



85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDcandle	W	W	lm	lm/W			K	8718696
DT 6-40W E14 827 BA38 CL	6	40	470	78	BA38	80	2700-2200	45354400



MASTER LEDcandle DimTone / 6-40 W



DimTone



2700-2200



B22



DIMMABLE



25.000 H



EEL



10 PACK



DIMENSIONS



85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDcandle	W	W	lm	lm/W			K	8718696
DT 6-40W B22 827 B38 CL	6	40	470	78	B38	80	2700	45362900



CorePro LEDcandle

The frosted CorePro LEDcandle is designed for retrofit replacement of incandescent lamps.

- Non-Dimmable
- Clear and frosted
- Huge energy savings

NEW



CorePro LEDcandle clear / 4-25 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS



84%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDcandle	W	W	lm	lm/W			K	8718291
ND 4-25W E14 827 B35 CL	4	25	250	65	B35	80	2700	78701300

NEW



CorePro LEDcandle clear / 5.5-40 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS



86%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDcandle	W	W	lm	lm/W			K	8718696
ND 5.5-40W E14 827 B35 CL	5.5	40	470	85	B35	80	2700	50763600

NEW



CorePro LEDcandle frosted / 4-25 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS



84%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDcandle	W	W	lm	lm/W			K	8718291
ND 4-25W E14 827 B35 FR	4	25	250	65	B35	80	2700	78701300

NEW



CorePro LEDcandle frosted / 5.5-40 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS



86%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDcandle	W	W	lm	lm/W			K	8718291
ND 5.5-40W E14 827 B35 FR	5.5	40	470	85	B35	80	2700	76238600





LEDluster

MASTER LEDluster DimTone



E14 / 4-25 W
Page 50



E14 / 6-40 W
Page 51



E14 / 4-25 W
Page 52



E14 / 5.5-40 W
Page 52



E14 / 4-25 W
Page 52



E14 / 5.5-40 W
Page 52



E27 / 4-25 W
Page 50



E27 / 6-40 W
Page 51



E27 / 4-25 W
Page 52



E27 / 5.5-40 W
Page 52



E27 / 4-25 W
Page 52



E27 / 5.5-40 W
Page 52

CorePro LEDluster



MASTER LEDluster DimTone

Thanks to a revolutionary new lens design, these candles now produce the most beautiful sparkling light. The ivory-colored design is a perfect match with existing luminaires.

- DimTone: the more you dim the warmer the light - see page 64
- Unique, eye-catching lens design
- Huge energy savings



MASTER LEDluster DimTone / 4-25 W



DimTone



2700 - 2200



E14



DIMMABLE



25,000 H



EEL



10 PACK



95
48



84%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDluster	W	W	lm	lm/W			K	8718696
DT 4-25W E14 827 P48 CL	4	25	250	63	P48	80	2700-2200	45378000



MASTER LEDluster DimTone / 4-25 W



DimTone



2700 - 2200



E27



DIMMABLE



25,000 H



EEL



10 PACK



93
48



84%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDluster	W	W	lm	lm/W			K	8718696
DT 4-25W E27 827 P48 CL	4	25	250	63	P48	80	2700-2200	45380300



Please refer to the site www.philips.com/masterledlamps for the latest information about dimming MASTER LEDlamps.



MASTER LEDluster DimTone / 6-40 W



DimTone



2700 - 2200



E14



DIMMABLE



25,000 H



EEL



10 PACK



DIMENSIONS
95 48



85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDluster	W	W	lm	lm/W			K	8718696
DT 6-40W E14 827 P48 CL	6	40	470	78	P48	80	2700-2200	45358200



MASTER LEDluster DimTone / 6-40 W



DimTone



2700 - 2200



E27



DIMMABLE



25,000 H



EEL



10 PACK



DIMENSIONS
93 48



85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDluster	W	W	lm	lm/W			K	8718696
DT 6-40W E27 827 P48 CL	6	40	470	78	P48	80	2700-2200	45360500



CorePro LEDcluster

The CorePro LEDcluster is designed for retrofit replacement of incandescent lamps.

- Non-Dimmable
- Huge energy savings

NEW



CorePro LEDcluster clear / 4-25 W



2700



E14



E27



NON-DIMMABLE



15,000 H



EEL



10 PACK

DIMENSIONS
E14DIMENSIONS
E27

84%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDcluster	W	W	lm	lm/W			K	8718696
ND 4-25W E14 827 P45 CL	4	25	250	65	P45	80	2700	50759900
ND 4-25W E27 827 P45 CL	4	25	250	65	P45	80	2700	50767400

NEW



CorePro LEDcluster clear / 5.5-40 W



2700



E14



E27



NON-DIMMABLE



15,000 H



EEL



10 PACK

DIMENSIONS
E14DIMENSIONS
E27

86%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDcluster	W	W	lm	lm/W			K	8718696
ND 5.5-40W E14 827 P45 CL	5.5	40	470	85	P45	80	2700	45483100
ND 5.5-40W E27 827 P45 CL	5.5	40	470	85	P45	80	2700	50763600

NEW



CorePro LEDcluster frosted / 4-25 W



2700



E14



E27



NON-DIMMABLE



15,000 H



EEL



10 PACK

DIMENSIONS
E14DIMENSIONS
E27

84%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDcluster	W	W	lm	lm/W			K	8718291
ND 4-25W E14 827 P45 FR	4	25	250	65	P45	80	2700	78703700
ND 4-25W E27 827 P45 FR	4	25	250	65	P45	80	2700	78705100

NEW



CorePro LEDcluster frosted / 5.5-40 W



2700



E14



E27



NON-DIMMABLE



15,000 H



EEL



10 PACK

DIMENSIONS
E14DIMENSIONS
E27

86%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDcluster	W	W	lm	lm/W			K	8718696
ND 5.5-40W E14 827 P45 FR	5.5	40	470	85	P45	80	2700	47489100
ND 5.5-40W E27 827 P45 FR	5.5	40	470	85	P45	80	2700	50765000



LEDtube

HO NORD TLP PROJECT



MASTER LEDtube

CorePro LEDtube



Standard output
Page 58



CorePro
Page 60



High Output
Page 58



Ultra Output
Page 59

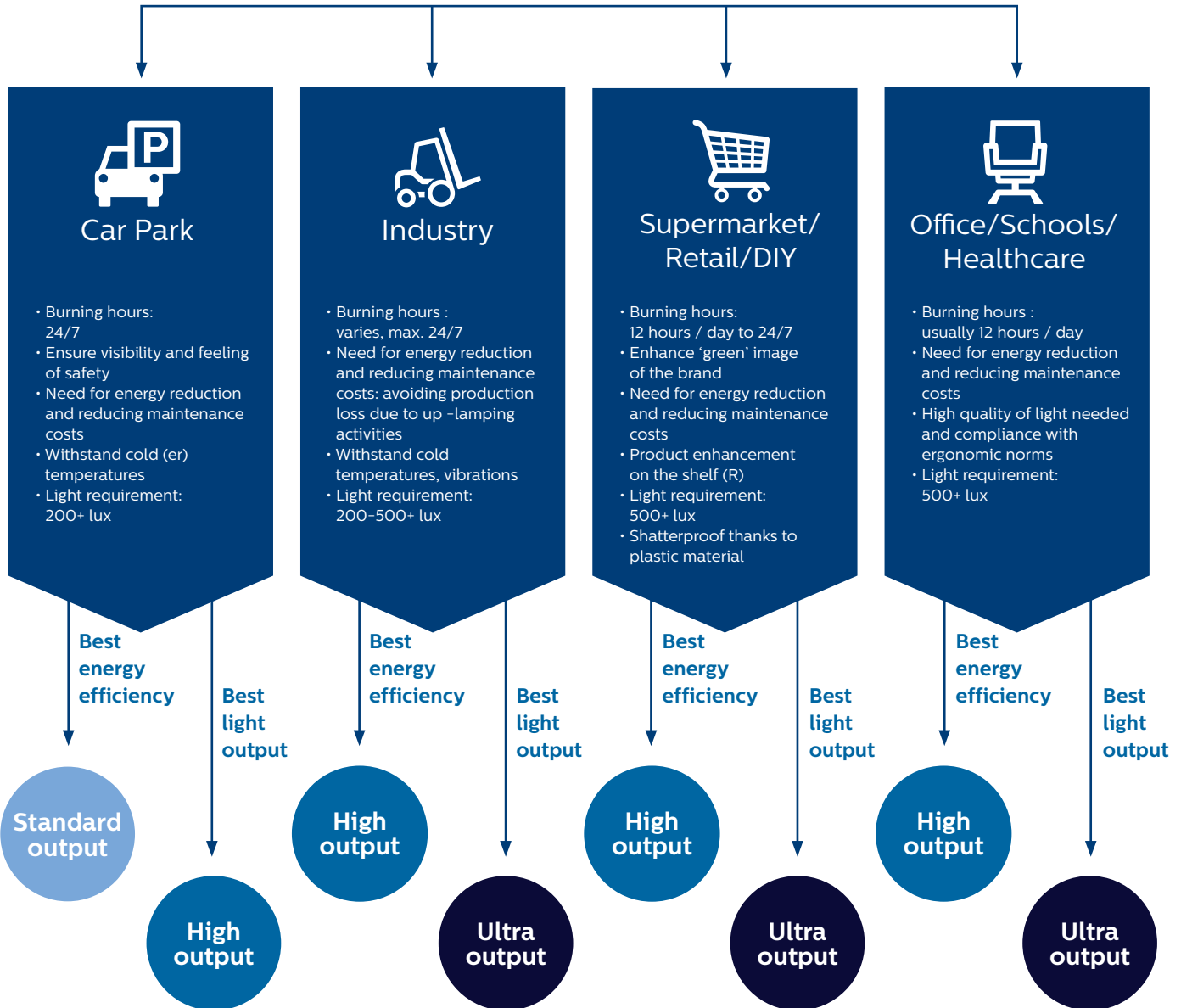




Works with
Electro Magnetic ballast (EM)



Works with
High Frequency ballast (HF)



Standard output
1600-2000 lumen


- 1200 mm ROT
- 1200 mm InstantFit
- 1500 mm
- 1500 mm ROT InstantFit

High output
2100-3100 lumen

- 1200 mm ROT
- 1200 mm ROT InstantFit
- 1500 mm ROT
- 1500 mm ROT InstantFit

Ultra output
2500-3700 lumen

- Value 1200 mm ROT
- Value 1500 mm ROT

 **Rotating end-caps**

To ensure maximum compatibility with existing luminaires, directional LEDtubes often need to be adjusted towards where light is needed most. That's why all Philips MASTER products have this feature as standard. It allows the LEDtube to be easily rotated up to 90 degrees, giving you the freedom to direct the light to best effect.



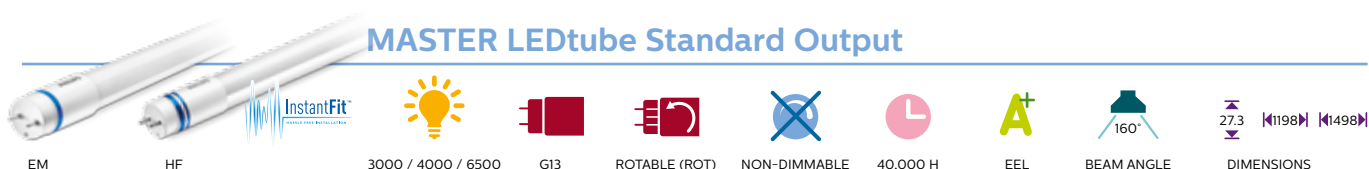
MASTER LEDtube

Whatever you need, the Philips MASTER LEDtubes portfolio has it all. The Philips MASTER LEDtube portfolio exists out of three new categories of light output – Standard, High and Ultra output. A simple change that will make it even easier to choose the right lamp, for the right application. From best energy efficiency to the best light output. A simple switch, our LEDtubes come in a choice of lengths and color temperatures, with the option of rotating. So with Philips, you always have the right LEDtube every time.



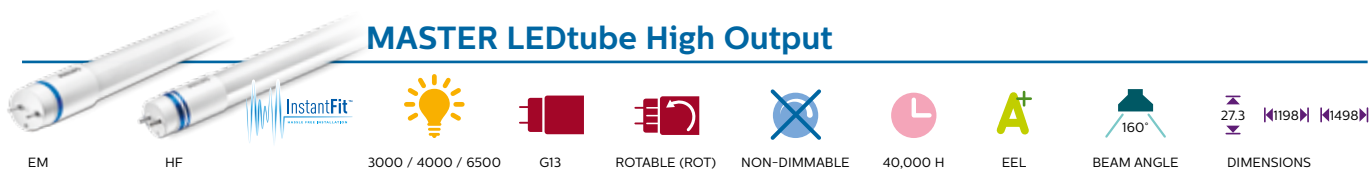
InstantFit HF compatibility. No wires to replace, no hassle changing drivers; our InstantFit solution works with High Frequency electronic ballast, making it easy and safe for all installation methods. All you have to do is slot the tube into your existing fitting.

MASTER LEDtube Standard Output



Product type	LED	Traditional	Rotable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*	
EM MASTER LEDtube (EM)	W	W		lm		°		K	8718291	
1200mm ROT	14.5	36	Yes	1600	EM & Mains	160	83	4000	79308300	
1200mm ROT	14.5	36	Yes	1600	EM & Mains	160	83	6500	79310600	
1500mm	20	36	No	2000	EM & Mains	160	83	4000	73451200	
1500mm	20	58	No	2000	EM & Mains	160	83	6500	73453600	
HF MASTER LEDtube (HF)	W	W		lm		°		K	8718291	
1200mm InstantFit	16,5	36	No	1600	HF	160	83	4000	72885600	
1200mm InstantFit	16,5	36	No	1600	HF	160	83	6500	72887000	
1500mm ROT InstantFit	22	58	Yes	2000	HF	160	83	4000	40078400	
1500mm ROT InstantFit	22	58	Yes	2000	HF	160	83	6500	40080700	

MASTER LEDtube High Output



Product type	LED	Traditional	Rotable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*	
EM MASTER LEDtube (EM)	W	W		lm		°		K	8718696	8718291
1200mm ROT	18	36	Yes	1900	EM & Mains	160	83	3000	42198700	
1200mm ROT	18	36	Yes	2100	EM & Mains	160	83	4000	42200700	
1200mm ROT	18	36	Yes	2100	EM & Mains	160	83	6500	42202100	
1500mm ROT	23	58	Yes	2900	EM & Mains	160	83	3000		78956700
1500mm ROT	23	58	Yes	3100	EM & Mains	160	83	4000		78958100
1500mm ROT	23	58	Yes	3100	EM & Mains	160	83	6500		78960400
HF MASTER LEDtube (HF)	W	W		lm		°		K	8718696	8718292
NEW 1200mm HO InstantFit	18	36	Yes	2000	HF	160	83	3000	51456600	
1200mm ROT InstantFit	18	36	Yes	2100	HF	160	83	4000	47125800	
1200mm ROT InstantFit	18	36	Yes	2100	HF	160	83	6500	47127200	
1500mm ROT InstantFit	25	58	Yes	3100	HF	160	83	4000		40886500
1500mm ROT InstantFit	25	58	Yes	3100	HF	160	83	6500		40888900

MASTER LEDtube Ultra Output



3000 / 4000 / 6500



G13



ROTABLE (ROT)



NON-DIMMABLE



40,000 H



EEL



BEAM ANGLE



DIMENSIONS

Product type	LED	Traditional	Rotable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*
MASTER LEDtube (EM)	W	W		lm		°		K	8718696
1200mm UO	20	36	Yes	2300	EM & Mains	150	83	3000	46149500
1200mm UO	20	36	Yes	2500	EM & Mains	150	83	4000	46151800
1200mm UO	20	36	Yes	2500	EM & Mains	150	83	6500	46155600
1500mm UO	25	58	Yes	3400	EM & Mains	150	83	3000	46157000
1500mm UO	25	58	Yes	3700	EM & Mains	150	83	4000	46159400
1500mm UO	25	58	Yes	3700	EM & Mains	150	83	6500	46163100

MASTER LEDtube



3000 / 4000 / 6500



G13



ROTABLE (ROT)



NON-DIMMABLE



40,000 H



EEL



BEAM ANGLE



DIMENSIONS

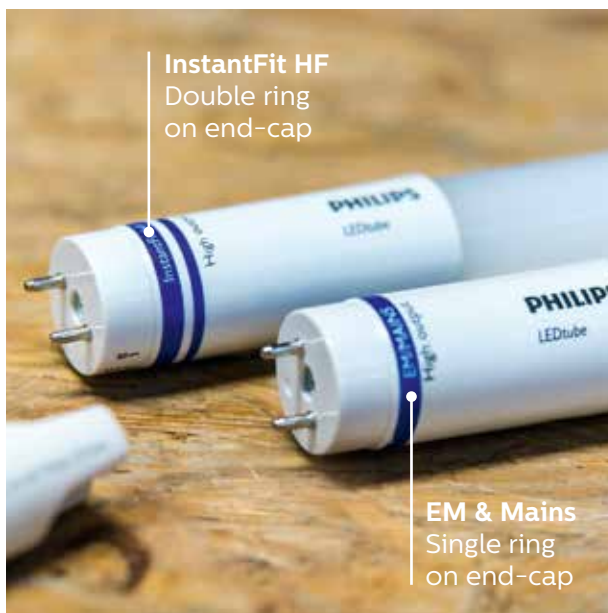
Product type	LED	Traditional	Rotable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*
MASTER LEDtube (EM)	W	W		lm		°		K	8718696
600mm series ROT	10	18	Yes	1000	EM & Mains	160	83	3000	46143300
600mm series ROT	10	18	Yes	1050	EM & Mains	160	83	4000	46141900
600mm series ROT	10	18	Yes	1050	EM & Mains	160	83	6500	46145700
NEW 900mm 15W840 T8C RS *)	15	30	Yes	1575	EM & Mains	160	80	4000	23880500
NEW 900mm 15W840 T8C RN *)	15	30	Yes	1575	EM & Mains	160	80	4000	47121000
NEW 900mm 15W865 T8C RS *)	15	30	Yes	1575	EM & Mains	160	80	6500	23882900
NEW 900mm 15W865 T8C RN *)	15	30	Yes	1575	EM & Mains	160	80	6500	47123400
1800mm ROT	25	58	Yes	3700	EM & Mains	160	83	4000	48037300

Protection starter



34.5
21.5
DIMENSIONS

Product type	EOC 10 pcs (I)
Accessory	8718
Starter EMP	29172928000



i Please refer to the site www.philips.com/masterledlamps for the latest information about dimming MASTER LEDlamps and about transformer compatibility.

*) **Note:** Some of the products are only available in specific countries. Product descriptions with 'RS' are only available in: France, Spain, Portugal, Italy, Greece and Israel. Product descriptions with 'RN' are only available in the rest of the European countries.



CorePro LEDtube

CorePro LEDtubes offer even better value. Thanks to the new glass housing they're even more affordable. Plus we've improved the energy consumption from 80 to 100 lm/W to make them even more efficient. A simple, retrofit replacement, the 600 mm and 1200 mm CorePro LEDtubes offer low energy consumption with instant savings. Perfect for basic applications that demand an affordable solution.



Product type	LED	Traditional	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*
CorePro LEDtube	W	W	lm		°		K	8718696
NEW 600mm 9W840 C Glass	8	18	800	EM & Mains	240	80	4000	49277200
NEW 600mm 9W865 C Glass	8	18	800	EM & Mains	240	80	6500	49279600
NEW 1200mm 16W840 C Glass	16	36	1600	EM & Mains	240	80	6500	49281900
NEW 1200mm 16W865 C Glass	16	36	1600	EM & Mains	240	80	4000	49283300
1500mm 840	20	58	2000	EM & Mains	140	80	4000	42794100
1500mm 865	20	58	2000	EM & Mains	140	80	6500	42796500

*) incl. EMP



Protection starter

34.5
21.5
DIMENSIONS

Product type	EOC 10 pcs (I)
Accessory	8718291
Starter EMP	72928000





The right LEDtube every time



Standard output

High output

Ultra output

Whatever you need, the Philips MASTER LEDtube portfolio has it all. We've repositioned the way that our lamps are labelled into three new categories of light output – Standard, High and Ultra output. A simple change that will make it even easier to choose the right lamp, for the right application. From best energy efficiency to the best light output. A simple switch, our LEDtubes come in a choice of lengths and color temperatures, with the option of rotating end-caps. So with Philips, you always have the right LEDtube every time.

Spot on for **color enhancement**



With a high color rendering index of 90, the MASTER LEDspot MV is the perfect halogen replacement for retail applications. The single optics outshine other lamps with high intensity, high quality light that brings out the true colors in merchandise for an extra-long lifetime of 50,000 hours. Choose 4-35 W or 5.4-50 W in three color temperatures, all with high performance dimming and low energy consumption. So you can light up merchandise with LED.

Philips MASTER LEDspot

www.philips.com/masterledlamps

Quality, **Value** and lifetime



You've got it in one with the new range of MASTER LEDspot Value lamps. They offer high quality at an affordable price with a 25, 36 and 40 degree beam angle for general lighting applications. As a 20 W, 35 W or 50 W equivalent, with a choice of three color temperatures, dimmable options and a 25,000 and 35,000 hour lifetime, these lamps are everything you value in LED.

Philips MASTER LEDspot Value

www.philips.com/masterledlamps



DimTone – The more you dim, the warmer the light



2200 K    2700 K

DimTone takes LEDlamp dimming to an exciting next level with a beautiful, sunset-like effect. As the light is dimmed, DimTone reduces the color temperature from 2700 K down to 2200 K.

This creates a warm, intimate ambience at lower light levels, with the same effect as dimmed halogens or incandescent lamps. So hotel, bar and restaurant owners can take advantage of energy-saving LED lighting and still create a natural, cozy ambience.

Philips MASTER LEDspot LV AR111

The 'beauty of light', a great way to let your products shine

In shops, showrooms and galleries, but also in restaurants and hotels, people need to see colors as they are. Which makes Philips MASTER LEDspot LV AR111 lighting the perfect choice. With its high Color Rendering Index of 90, colors stay vibrant and natural.

The new LED AR111 Reflectors have the same size and G53 base as the popular halogen AR111 lamps. They work with most conventional halogen transformers, so it's an easy upgrade. What's more, they

last up to 40,000 hours, around 20 times longer than standard halogen, and stay cooler too. Natural looking colors, huge energy savings and fewer lamp changes make them more than just an alternative.

Timeless look and feel

Reflector - new lens

Comfort - anti glare

Single source LED Engine

Long lifetime

TransforMax inside



Classic beauties



Philips Classic LED

Classic LED bulbs give you the classic beauty of traditional incandescent lamps in terms of appearance and output, but also apply all the energy saving benefits of LEDs to lighting. The effect echoes the elegance of incandescent lamps while providing dramatic energy savings.

The lamps perfectly work with crystal chandeliers, wall sconces where lamps are exposed or modern fixtures with a glass shield.

The Classic LED product range is ideal for all kind of hospitality applications.

High Performance Dimming

Thanks to High Performance Dimming you will enjoy smooth, flicker-free dimming. MASTER LEDlamps have been tested with all the major dimmer brands in the market.

- Broad dimmer compatibility supporting a wide range of normal phase-cut dimmers: wall box dimmers, panels, plug-in unit phase-cut dimming
- High dimming performance: smooth dimming curve, deeper dimming level, one to multiple lamps

Note: To ensure high dimming performance with the MASTER LEDspot MV GU10 8 W these lamps should not be connected with other lamp types on the same dimmer ('mixed load').

TransforMax (patented)

First class halogen transformer compatibility thanks to intelligent electronics within low voltage LEDlamps.

Philips designed a unique (patent protected) intelligent driver concept for low voltage (12 V) LEDlamps, which enables broad compatibility with existing electronic and electromagnetic Halogen transformers. Therefore, Philips low voltage (12 V) LEDlamps universally replace 12 V Halogen spot lamps with unique first class transformer compatible electronics. This technology is called TransforMax which enables the lamp to work on most sockets – a simple 'plug & play' retrofit solution.

Without dimmer

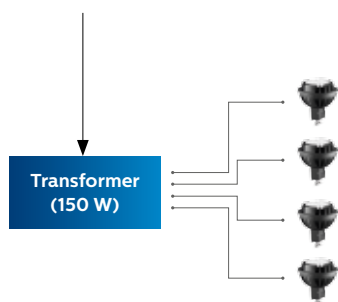
20% of Transformer rating
(20% x 150 W = 30 W)

LED Wattage (7 W)

=

Branch Max (4.3)

4 lamps per transformer



With dimmer

In case dimmable low voltage LEDlamps have to be connected to a dimmer, the following approach has to be followed:

- 1) Determine the max loading of both your transformer(s) and your dimmer: in Watts (W).
- 2) Use the ratios below to determine a 'System Max' and 'Branch Max'
- 3) Limit total lamps you can install by 'System Max'...
- 4) ...and ensure transformer load is sufficient to allow for each individual 'Branch'

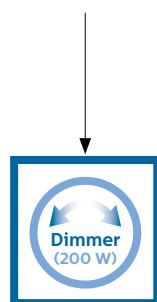
Dimmer Rating
(300 W)

Transformer Wattage (150 W)

=

System Max (2)

2 transformers per dimmer



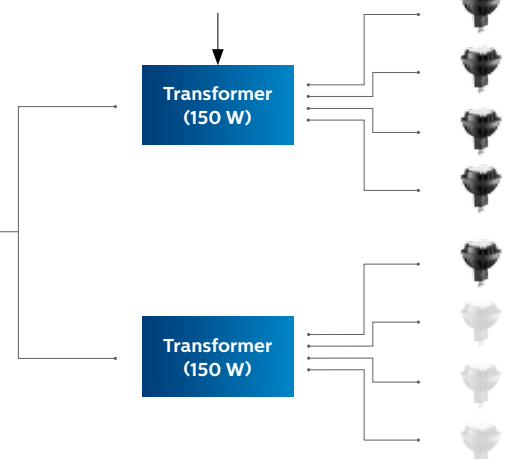
20% of Transformer rating
(20% x 150 W = 30 W)

LED Wattage (7 W)

=

Branch Max (4.3)

4 lamps per transformer



Branch Max not reached, but additional MR16 would exceed System Max

Note: Electronic Dimmers that cannot meet the loading rule will be specified in dedicated application note (www.philips.com/masterledlamps).



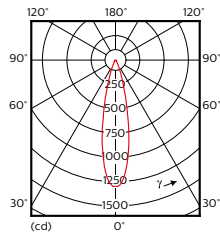
Please refer to the site www.philips.com/masterledlamps for the latest information about transformer compatibility.

Photometric diagrams

This is a selection of the photometric diagram visualisations.
Please visit www.philips.com/masterledlamps for photometric .ies files of all current products.



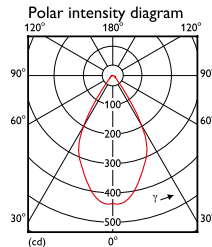
MASTER LEDspot MV
Page 16



4-35W GU10 2700K 25D



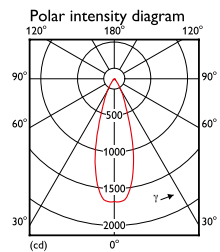
CorePro LEDspot MV
Page 19



5-50W GU10 2700K 36D



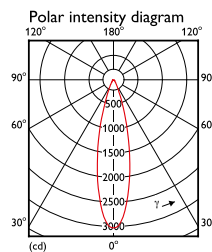
MASTER LEDspot LV
Page 21



8-50W MR16 2700K 24D



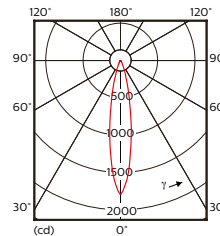
MASTER LEDspot AR111
Page 27



15-75W AR111 2700K 40D



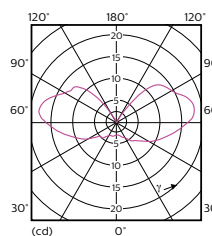
MASTER LEDspot MV PAR
Page 28



5.5-50W PAR 20 2700K 25D



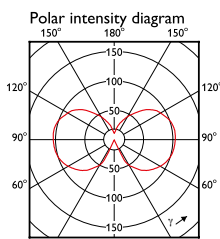
CorePro LEDcapsule
Page 34



1.2-10W G4 2700K



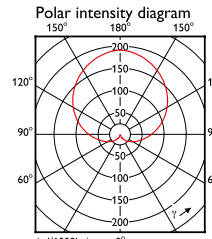
MASTER LEDbulb
Page 39



13-75W E27 2700K



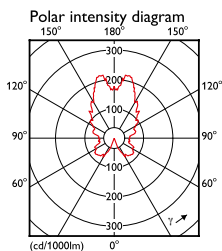
CorePro LEDbulb
Page 40



6-40W E27 2700K



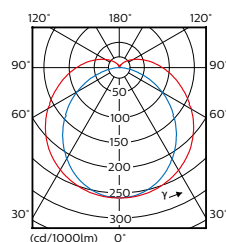
MASTER LEDcandle
DimTone
Page 44



6-40W E14 2700K



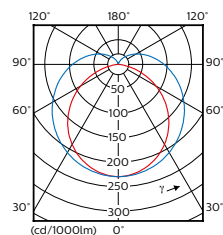
MASTER LEDtube
Ultra output
Page 58



18W G13 6500K



CorePro LEDtube
Page 60



10W G13 6500K



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www.philips.com/masterledlamps
www.philips.com/ledtube

09/2015