



PHILIPS

LEDlamps

The complete
portfolio



LED can work for you

Professional LEDlamps catalog
Quarter 2 / 2015

'15
May



What's new in professional lighting?

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.

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LEDspot

MASTER LEDspot

NEW

4-35 W

MASTER LEDspot MV GU10 - P 16

NEW

4.5-50 W

MASTER LEDspot MV GU10 - P 17

NEW

4-35 W

MASTER LEDspot MV GU10 - P 16-17

NEW

5.4-50 W

NEW

G9 / 2.5-25 W

CorePro LEDcapsule G9 - P 34

7-35 W

MASTER LEDspot LV MR16 GU5.3 - P 20-21

7-40 W

6.5-35 W

MASTER LEDspot LV MR16 GU5.3 - P 20-21

3.5 W

MASTER LEDspot LV MR11 GU4 - P 26

10-50 W

MASTER LEDspot LV AR111 G53 - P 27

15-75 W

NEW

PAR20 / 5.5-50 W

PAR30S / 9.5-75 W

PAR38 / 13-100 W

MASTER LEDspot MV PAR E27 - P 28-29

CorePro LEDcapsule G4 - P 34

CorePro LEDcapsule G4 - P 34

LV 1.2-10W

LV 2.2-20W

MASTER LEDspot Value

NEW

3.5-35 W

MASTER LEDspot Value MV GU10 - P 18

NEW

4.3-50 W

NEW

3.4-20 W

MASTER LEDspot Value LV MR16 GU5.3 - P 22

NEW

6.5-35 W

CorePro LEDspot

3.5-35 W

CorePro LEDspot MV GU10 - P 19

4.5-50 W

5.5-35 W

CorePro LEDspot MV GU5.3 - P 24

4.5-40 W

CorePro LEDspot MV R50 E14 - P 30

LEDcapsule

LEDbulb

MASTER LEDbulb

6-40 W Clear

MASTER LEDbulb E27/B22 - P 38

7-40 W

9-60 W Clear

MASTER LEDbulb E27/B22 - P 38-39

10-60 W

13-75 W

MASTER LEDbulb E27/B22 - P 39

18-100 W

CorePro LEDbulb

4-32 W

CorePro LEDbulb E27 - P 40

5.5-40 W

7-48 W

CorePro LEDbulb E27/B22 - P 40

9-65 W

9.5-60 W

CorePro LEDbulb E27 - P 41

10.5-75 W

11.5-75 W

CorePro LEDbulb E27 - P 41

15-100 W

LEDcandle

MASTER LEDcandle DimTone

NEW

4-25 W

MASTER LEDcandle DimTone E14 - P 44-45

NEW

6-40 W

NEW

4-25 W

MASTER LEDcandle DimTone E14 - P 44-45

NEW

6-40 W

NEW

6-40 W

MASTER LEDcandle DiamondSpark B22 - P 45

CorePro LEDcandle

3-25 W

CorePro LEDcandle E14 - P 46

6-40 W

LEDluster

MASTER LEDluster DimTone

NEW

4-25 W

MASTER LEDluster DimTone E14 - P 50-51

NEW

6-40 W

NEW

4-25 W

MASTER LEDluster DimTone E27 - P 50-51

NEW

6-40 W

CorePro LEDluster

3-25 W

MASTER LEDluster E14 - P 52

6-40 W

3-25 W

MASTER LEDluster E27 - P 52

LEDtube

MASTER LEDtube

Standard output

EM

HF

MASTER LEDtube - P 58

High output

EM

HF

MASTER LEDtube - P 58

Ultra output

NEW

EM

MASTER LEDtube - P 59

CorePro LEDtube

CorePro LEDtube - P 60

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).

A photograph of a woman with long dark hair, seen from behind, carrying a baby on her back. The baby is wearing a white dress and a straw hat. They are walking on a city street at night, with blurred lights and other pedestrians in the background. The scene is illuminated by warm streetlights and cooler blue lights from buildings or traffic in the distance.

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.

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 (for 4.5-35W)
- CRI90
- 827, 830 & 840 CCT

LEDspot

MASTER LEDspot



MV GU10 / 4-35 W
Page 16



MV GU10 / 4-35 W
Page 17



MV GU10 / 4.5-50 W
Page 16



MV GU10 / 5.4-50 W
Page 17



LV MR16 GU5.3 / 6.5-35 W
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LV MR16 GU5.3 / 7-35 W
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LV MR16 GU5.3 / 7-40 W
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LV MR16 GU5.3 / 3.4-20 W
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LV GU5.3 / 5.5-35 W
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LV MR11 GU4 / 3.5 W
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LV AR111 G53 / 10-50 W
Page 27



LV AR111 G53 / 15-75 W
Page 27



LV MR16 GU5.3 / 6.5-35 W
Page 22



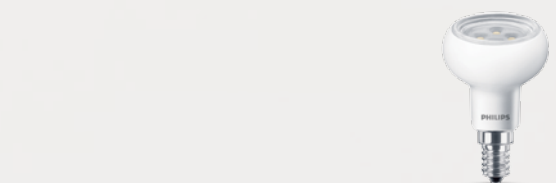
MV PAR20 E27 / 5.5-50 W
Page 28



MV PAR30S E27 / 9.5-75 W
Page 28



MV PAR38 E27 /
13-100 W
Page 29



MV R50 E14 / 4.5-40 W
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MASTER LEDspot Value



MV GU10 / 3.5-35 W
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MV GU10 / 4.3-50 W
Page 18

CorePro LEDspot



MV GU10 / 3.5-35 W
Page 19



MV GU10 / 4.5-50 W
Page 19



LV GU5.3 / 5.5-35 W
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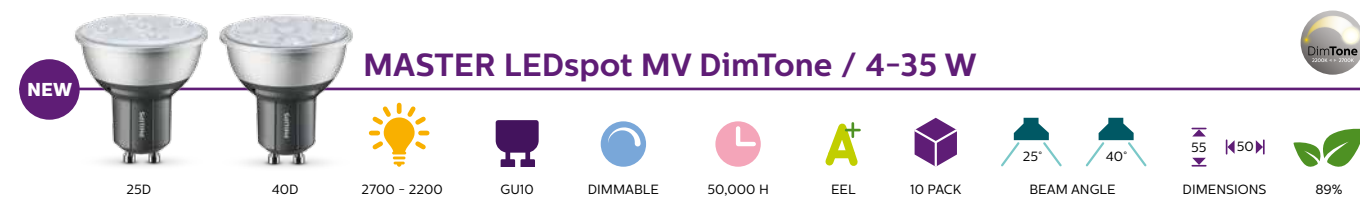
MV R50 E14 / 4.5-40 W
Page 30



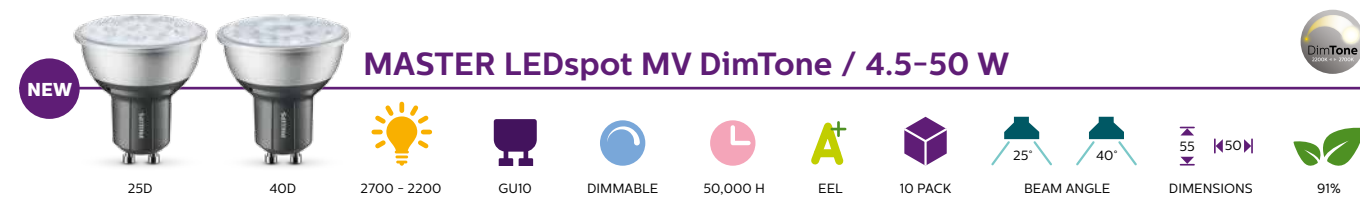
MASTER LEDspot MV

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).

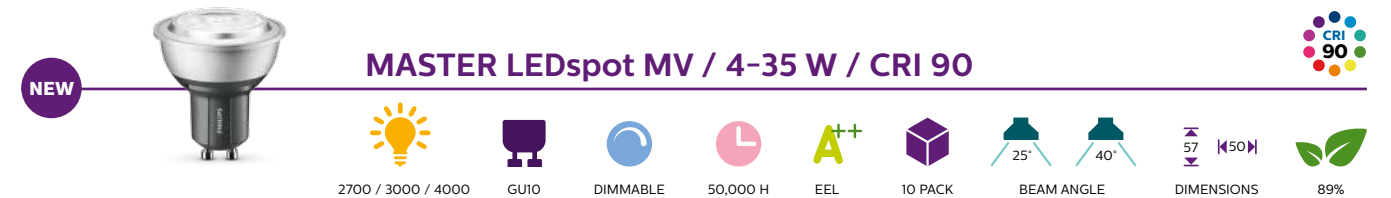
- CRI90 - see page 63
- DimTone: the more you dim the warmer the light - see page 64
- High Performance Dimming - see page 66
- Longest lifetime
- Superior light quality
- Maximum energy savings
- Delivers committed lifetime in application



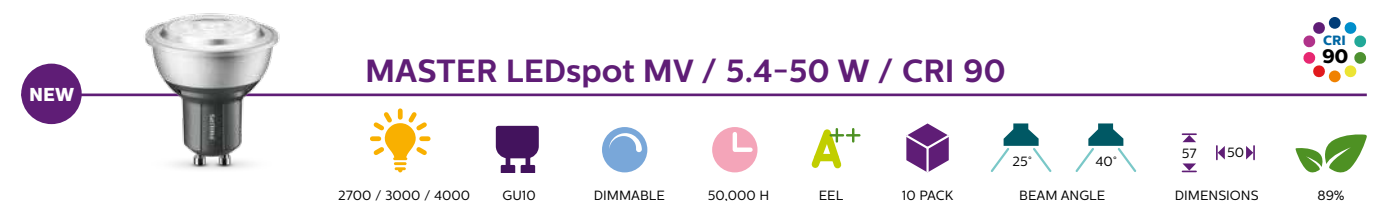
Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot MV	W	W	lm	lm/W	cd	°		K	8718696
DimTone 4-35W GU10 25D	4	35	280	70	1000	25	80	2700-2200	43828200
DimTone 4-35W GU10 40D	4	35	280	70	600	40	80	2700-2200	43830500



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



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



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



CorePro LEDspot MV / 3.5-35 W



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	87182917
3.5-35W 2700K 36D	3.5	35	270	77	680	36	80	2700	9916000
3.5-35W 3000K 36D	3.5	35	270	77	680	36	80	3000	9918400



CorePro LEDspot MV / 4.5-50 W



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	8718291
4.5-50W 2700K 36D	4.5	50	380	84	950	36	80	2700	9920700
4.5-50W 3000K 36D	4.5	50	380	84	950	36	80	3000	9922100



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



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 – see page 65
- 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



BEAM ANGLE



24° 36°



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



MASTER LEDspot LV MR16 / 7-35 W



2700 / 3000 / 4000



GU5.3



DIMMABLE



40,000 H



EEL



10 PACK



BEAM ANGLE



24° 36° 60°



DIMENSIONS



80%



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	8718291
D 7-35W 2700K MR16 24D	7	35	350	50	1950	24	80	2700	65447600
D 7-35W 2700K MR16 36D	7	35	350	50	1050	36	80	2700	65538100
D 7-35W 2700K MR16 60D	7	35	420	60	460	60	80	2700	65544200
D 7-35W 3000K MR16 24D	7	35	350	50	1950	24	80	3000	65449000
D 7-35W 3000K MR16 36D	7	35	350	50	1050	36	80	3000	65540400
D 7-35W 3000K MR16 60D	7	35	350	50	360	60	80	3000	65546600
D 7-35W 4000K MR16 24D	7	35	380	54	2050	24	80	4000	65536700
D 7-35W 4000K MR16 36D	7	35	380	54	1100	36	80	4000	65542800



MASTER LEDspot LV MR16 / 7-40 W



2700 / 3000 / 4000



GU5.3



DIMMABLE



40,000 H



EEL



10 PACK



BEAM ANGLE



24° 36°



DIMENSIONS



82%



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	8718291
D 7-40W 2700K MR16 24D	7	40	470	67	2400	24	80	2700	74135000
D 7-40W 2700K MR16 36D	7	40	455	65	1300	36	80	2700	74139800
D 7-40W 3000K MR16 24D	7	40	485	69	2500	24	80	3000	74137400
D 7-40W 3000K MR16 36D	7	40	485	69	2500	36	80	3000	74141100
D 7-40W 4000K MR16 36D	7	40	520	74	1450	36	80	4000	79541400



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 – see page 65
- TransforMax (excluding 20 W) – see page 66
- Dimmable
- Long lifetime
- Compatible with most commonly available halogen transformers. Exclusively suited for electronic transformers



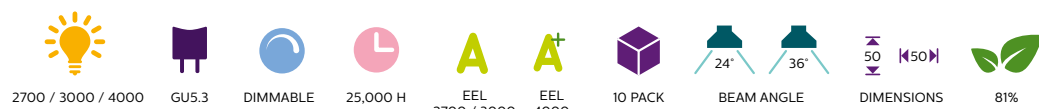
MASTER LEDspot LV Value MR16 / 3.4-20 W



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



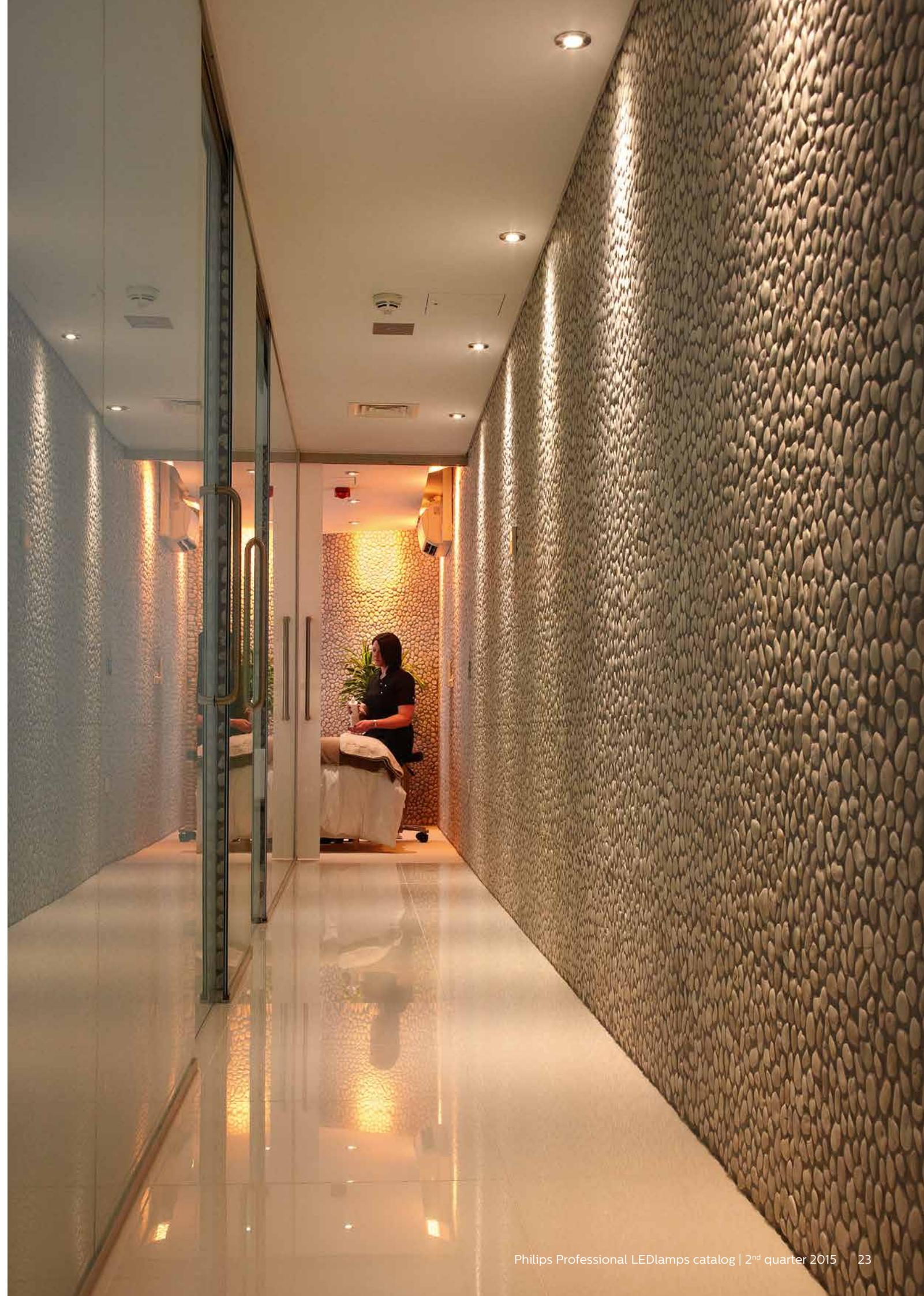
MASTER LEDspot LV Value MR16 / 6.5-35 W



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 6.5-35W 2700K MR16 24D	6.5	35	420	65	1800	24	80	2700	44217300	
D 6.5-35W 3000K MR16 24D	6.5	35	440	68	1900	24	80	3000	44219700	
D 6.5-35W 4000K MR16 24D	6.5	35	480	74	1900	24	80	4000	44221000	
D 6.5-35W 2700K MR16 36D	6.5	35	390	60	900	36	80	2700		77533100
D 6.5-35W 3000K MR16 36D	6.5	35	420	60	960	36	80	3000		78543900
D 6.5-35W 4000K MR16 36D	6.5	35	460	71	990	36	80	4000		17854300



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





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

NEW



CorePro LEDspot LV MR16 / 5.5-35 W



2700



GU5.3



NON-DIMMABLE



15,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



86%

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	
5.5-35W MR16 2700K 36D	5.5	35	390	71	1000	36	80	2700	47568300



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



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.

- TransforMax – see page 66
- Dimmable
- Long lifetime



MASTER LEDspot LV AR111 / 10-50 W



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	8718291
AR111 2700K 24D 10 W	10	50	610	61	3620	24	80	2700	71846800
AR111 2700K 40D 10 W	10	50	580	58	1250	40	80	2700	71850500
AR111 3000K 24D 10 W	10	50	645	65	3820	24	80	3000	71848200
AR111 3000K 40D 10 W	10	50	610	61	1300	40	80	3000	71852900



MASTER LEDspot LV AR111 / 15-75 W



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	8718291
AR111 2700K 24D 15 W	15	75	800	53	4750	24	80	2700	71854300
AR111 2700K 40D 15 W	15	75	760	51	1660	40	80	2700	71858100
AR111 3000K 24D 15 W	15	75	840	56	4950	24	80	3000	71856700
AR111 3000K 40D 15 W	15	75	800	53	1700	40	80	3000	71860400



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

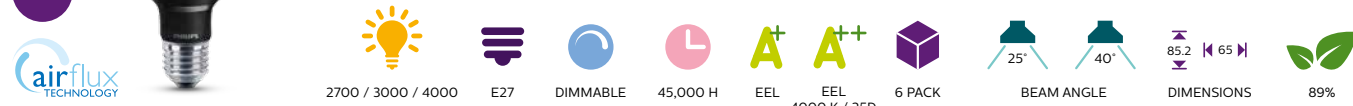
With our LEDspots Mains Voltage you can enjoy bright, energizing light, at the same time as saving energy and money. Perfect for task lighting.

- AirFlux – see page 65
- Longest lifetime
- For accent and general lighting
- Superior light quality
- Maximum energy savings
- New and improved design
- PAR38 OD: outdoor IP65

NEW



MASTER LEDspot MV PAR / 5.5-50 W PAR20



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



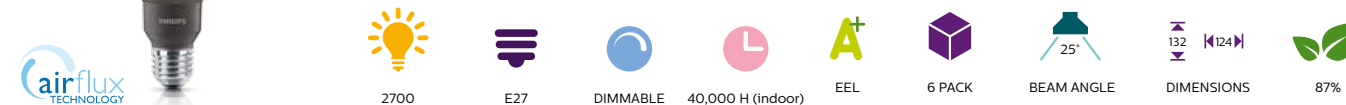
Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
MASTER LEDspot MV	W	W	lm	lm/W	cd	°		K	8718291
D 9.5-50W 2700K PAR30S 25D	9.5	75	650	68	3500	25	80	2700	71434700
D 9.5-50W 4000K PAR30S 25D	9.5	75	750	79	3850	25	80	4000	71436100



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



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



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



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

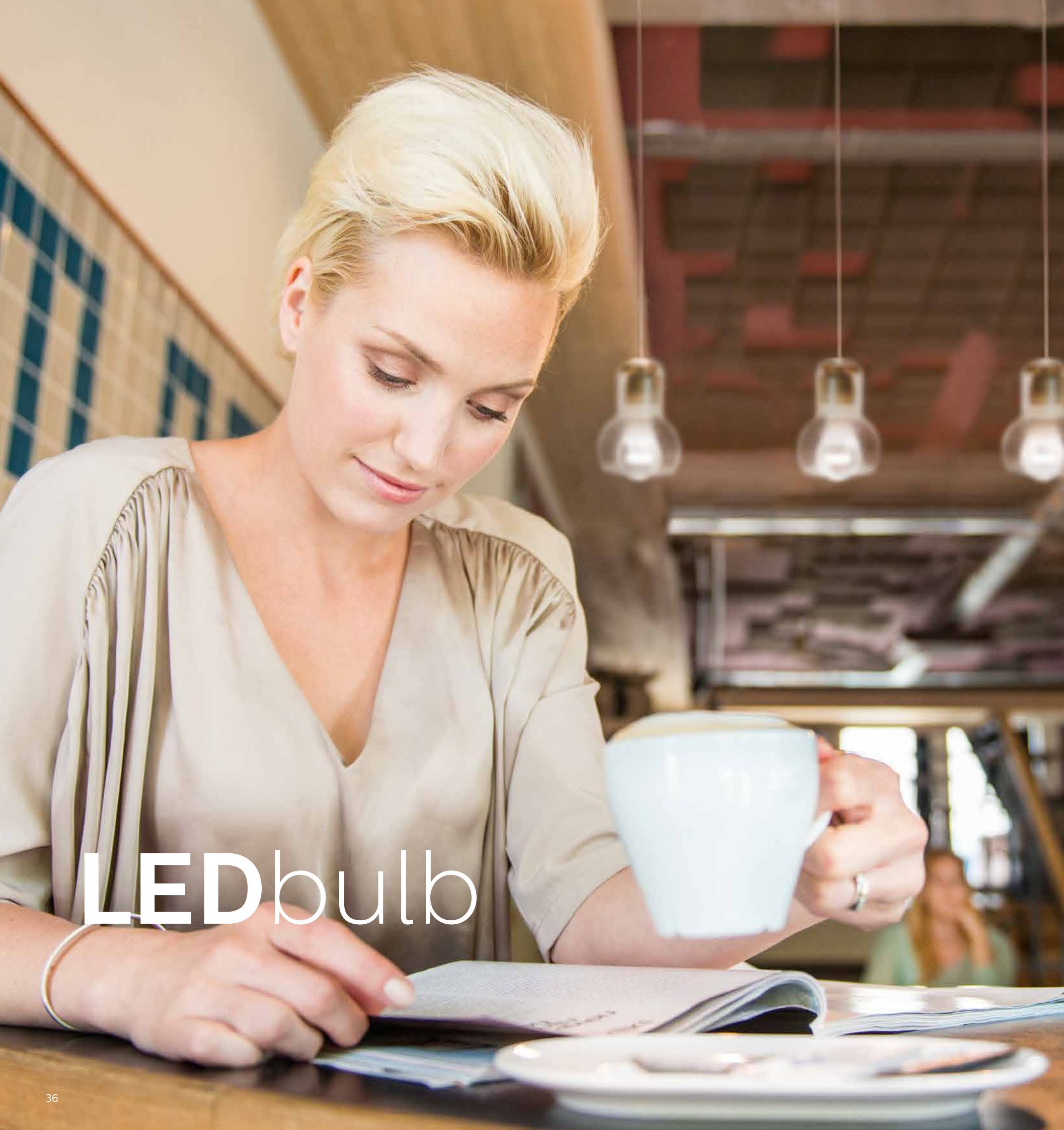


CorePro LEDcapsule MV / 2.5-25 W



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		CorePro LEDbulb	
			
E27 / 6-40 W Clear Page 38	E27/B22 / 7-40 W Page 38	E27 / 4-32 W Page 40	E27 / 5.5-40 W Page 40
			
E27 / 9-60 W Clear Page 38		E27/B22 / 7-48 W Page 40	E27/B22 / 9-65 W Page 40
			
E27/B22 / 10-60 W Page 39	E27/B22 / 13-75 W Page 39	E27 / 9.5-60 W Page 41	E27 / 10.5-75 W Page 41
			
E27/B22 / 18-100 W Page 39		E27 / 11.5-75 W Page 41	E27 / 15-100 W Page 41



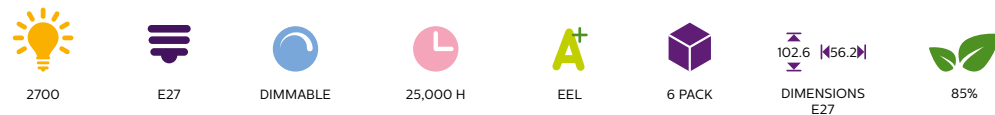
MASTER LEDbulb

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



MASTER LEDbulb clear / 6-40 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDbulb clear	W	W	lm	lm/W			K	8718291
D 6-40W E27 2700K	6	40	470	78	A60	80	2700	76244700



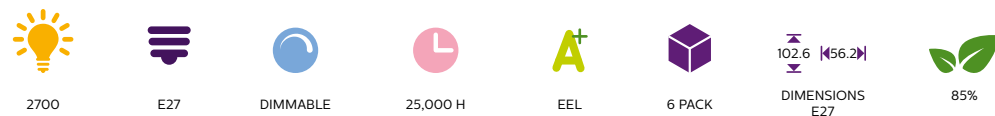
MASTER LEDbulb / 7-40 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDbulb	W	W	lm	lm/W			K	8718291
D 7-40W E27 2700K	7	40	470	67	A60	80	2700	67196100
D 7-40W B22 2700K	7	40	470	67	A60	80	2700	67198500



MASTER LEDbulb clear / 9-60 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDbulb clear	W	W	lm	lm/W			K	8718696
D 9-60W E27 2700K	9	60	806	90	A60	80	2700	44647800



MASTER LEDbulb / 10-60 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDbulb	W	W	lm	lm/W			K	8718291
10-60W E27 2700K	10	60	806	81	A60	80	2700	76568400
10-60W B22 2700K	10	60	806	81	A60	80	2700	76570700



MASTER LEDbulb / 13-75 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDbulb	W	W	lm	lm/W			K	8718291
D 13-75W E27 2700K	13	75	1055	81	A67	80	2700	75852500
D 13-75W B22 2700K	13	75	1055	81	A67	80	2700	75854900



MASTER LEDbulb / 18-100 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDbulb	W	W	lm	lm/W			K	8718291
18-100W E27 2700K	18	100	1521	85	A67	80	2700	75856300
18-100W B22 2700K	18	100	1521	85	A67	80	2700	75858700



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



CorePro LEDbulb / 4-32 W



3000



E27



NON-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
4-32W E27 3000K	4	32	350	88	A60	80	3000	41478100



CorePro LEDbulb / 5.5-40 W



2700



E27



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
5.5-40W E27 2700K	5.5	40	470	86	A60	80	2700	76395600



CorePro LEDbulb / 7-48 W



3000



E27



B22



NON-DIMMABLE



15,000 H



EEL



6 PACK



DIMENSIONS



85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
6.5-48W E27 3000K	7	48	600	92	A60	80	3000	79306900
6.5-48W B22 3000K	7	48	600	92	A60	80	3000	41480400



CorePro LEDbulb / 9-60 W



2700 / 3000



E27



B22



NON-DIMMABLE



15,000 H



EEL



6 PACK



DIMENSIONS



85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718291
9-60W E27 2700K	9	60	806	90	A60	80	2700	69583700
9-60W E27 3000K	9	60	806	90	A60	80	2700	75458900
9-60W B22 3000K	9	60	806	90	A60	80	3000	75460200



CorePro LEDbulb / 9.5-60 W



2700



E27



DIMMABLE



15,000 H



EEL



6 PACK



DIMENSIONS



84%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718291
9.5-60W E27 2700K	9.5	60	806	85	A60	80	2700	74741300



CorePro LEDbulb / 10.5-75 W



3000



E27



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
10.5-75W E27 3000K	10.5	75	1055	101	A60	80	3000	41486600



CorePro LEDbulb / 11.5-75 W



2700



E27



NON-DIMMABLE



15,000 H



EEL



6 PACK



DIMENSIONS



85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
11.5-75W E27 2700K	11.5	75	1055	92	A67	80	2700	41472900



CorePro LEDbulb / 15-100 W



2700



E27



NON-DIMMABLE



15,000 H



EEL



6 PACK



DIMENSIONS

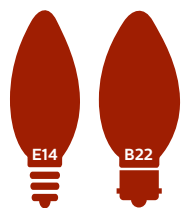


83%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
15-100W E27 2700K	15	100	1521	101	A67	80	2700	41464400

LEDcandle


MASTER LEDcandle DimTone		CorePro LEDcandle	
			
E14 / 4-25 W Page 44	E14 / 6-40 W Page 45	E14 / 3-25 W Page 46	E14 / 6-40 W Page 46
			
E14 / 4-25 W Page 44	E14 / 6-40 W Page 45		
			
B22 / 6-40 W Page 45			



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

NEW  **MASTER LEDcandle DimTone / 4-25 W** 

2700-2200 E14 DIMMABLE 25,000 H EEL 10 PACK DIMENSIONS 113 38 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	63	B38	80	2700-2200	45368100

NEW  **MASTER LEDcandle DimTone / 4-25 W** 



2700-2200 E14 DIMMABLE 25,000 H EEL 10 PACK DIMENSIONS 129 38 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	63	BA38	80	2700-2200	45376600



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



NEW  **MASTER LEDcandle DimTone / 6-40 W** 



2700-2200 E14 DIMMABLE 25,000 H EEL 10 PACK DIMENSIONS 113 38 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

NEW  **MASTER LEDcandle DimTone / 6-40 W** 

2700-2200 E14 DIMMABLE 25,000 H EEL 10 PACK DIMENSIONS 129 38 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

NEW  **MASTER LEDcandle DimTone / 6-40 W** 

2700-2200 B22 DIMMABLE 25,000 H EEL 10 PACK DIMENSIONS 111 38 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
- Frosted
- Huge energy savings



CorePro LEDcandle / 3-25 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS



88%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDcandle	W	W	lm	lm/W			K	8718291
3-25W E14 2700K	3	25	250	83	B39	80	2700	78701300



CorePro LEDcandle / 6-40 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK

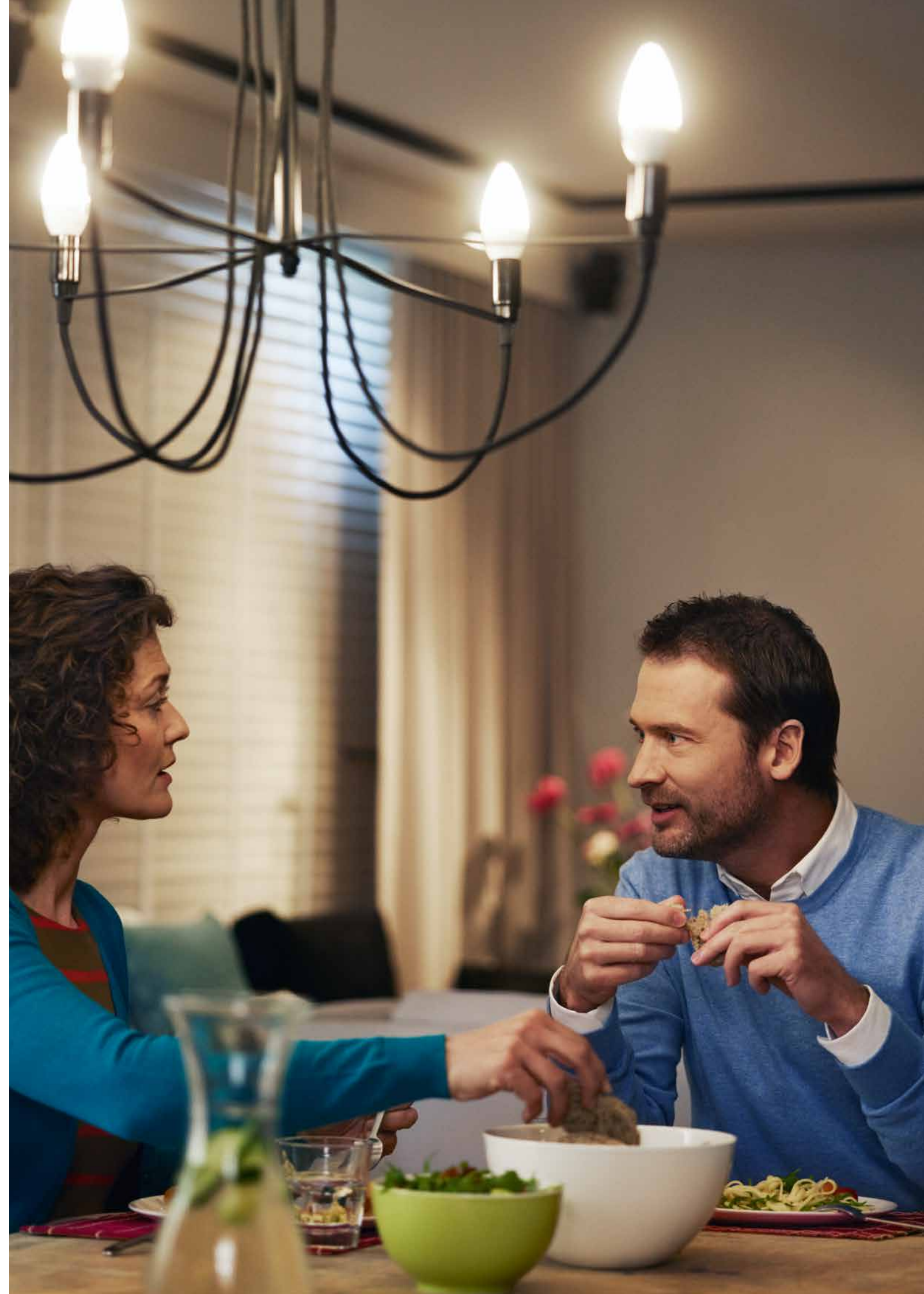


DIMENSIONS



85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDcandle	W	W	lm	lm/W			K	8718291
6-40W E14 2700K	6	40	470	78	B39	80	2700	76238600



LEDluster

MASTER LEDluster DimTone



E14 / 4-25 W
Page 50



E14 / 6-40 W
Page 51



E27 / 4-25 W
Page 50



E27 / 6-40 W
Page 51

CorePro LEDluster



E14 / 3-25 W
Page 52



E14 / 6-40 W
Page 52





E27 / 3-25 W
Page 52



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

NEW  **MASTER LEDluster DimTone / 4-25 W** 

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 LEDluster	W	W	lm	lm/W			K	8718696
DT 4-25W E14 827 P48 CL	4	25	250	63	P48	80	2700-2200	45378000

NEW  **MASTER LEDluster DimTone / 4-25 W** 



2700-2200 E27 DIMMABLE 25,000 H EEL 10 PACK DIMENSIONS 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.



NEW  **MASTER LEDluster DimTone / 6-40 W** 

2700 E14 DIMMABLE 20,000 H EEL 10 PACK DIMENSIONS 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

NEW  **MASTER LEDluster DimTone / 6-40 W** 

2700 E27 DIMMABLE 20,000 H EEL 10 PACK DIMENSIONS 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 LEDluster

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

- Non-Dimmable
- Huge energy savings
- Frosted



CorePro LEDluster / 3-25 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS



88%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDluster	W	W	lm	lm/W	P48	80	K	8718291
3-25W E14 2700K	3	25	250	83	P48	80	2700	78703700



CorePro LEDluster / 3-25 W



2700



E27



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS



88%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDluster	W	W	lm	lm/W	P48	80	K	8718291
3-25W E27 2700K	3	25	250	83	P48	80	2700	78705100



CorePro LEDluster / 6-40 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK

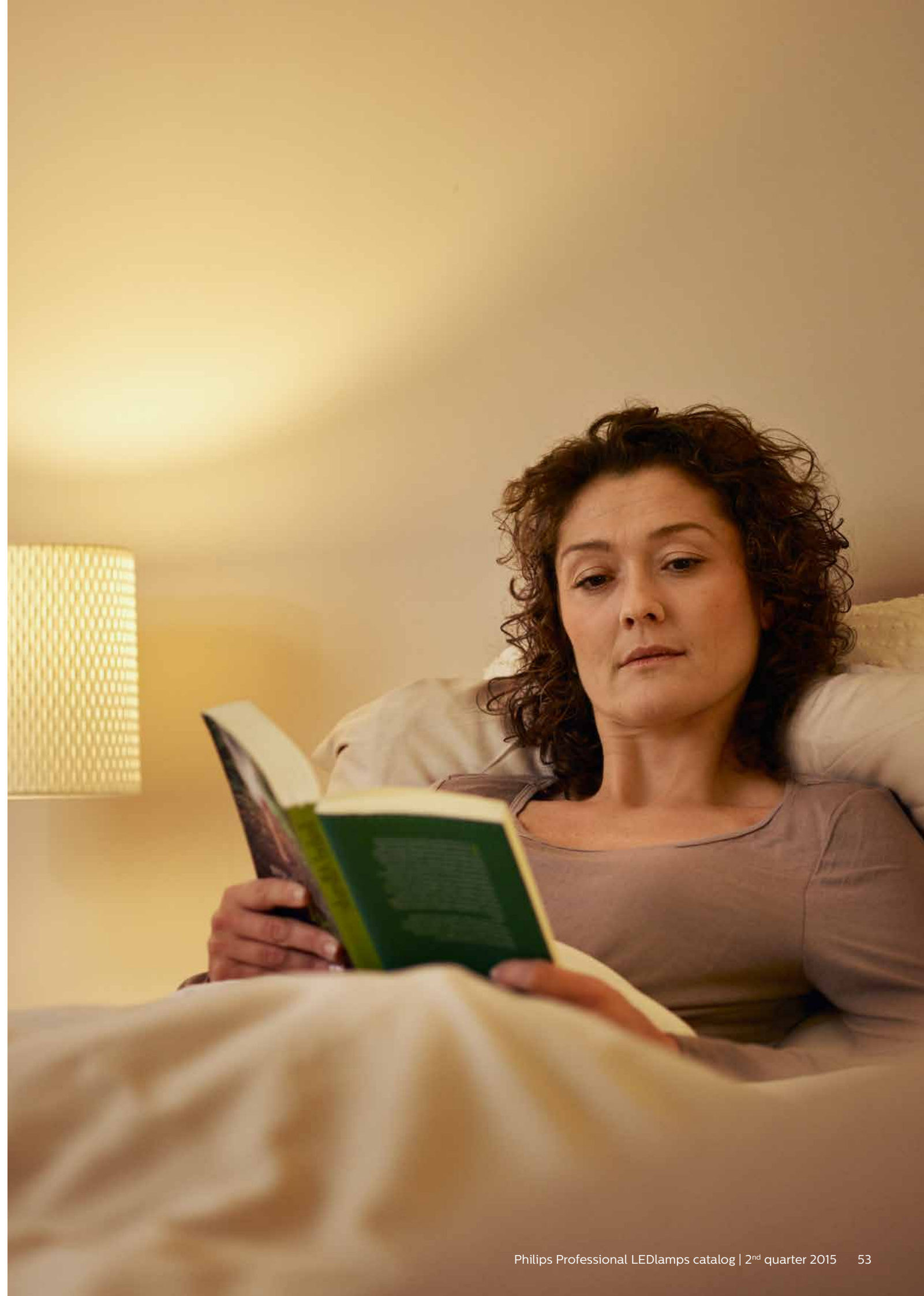


DIMENSIONS



85%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDluster	W	W	lm	lm/W	P48	80	K	8718291
6-40W E14 2700K	6	40	470	78	P48	80	2700	76240900



LEDtube



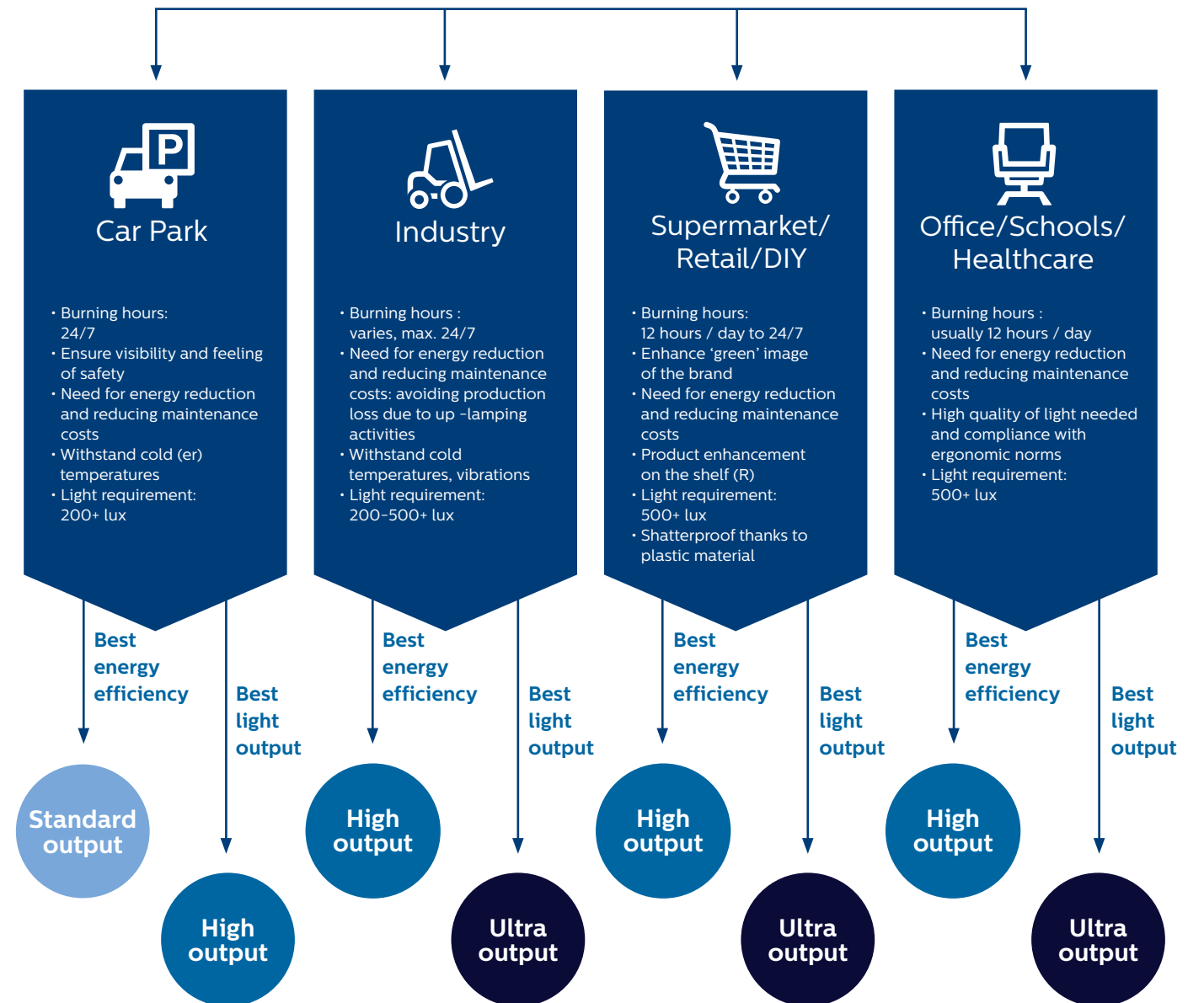
MASTER LEDtube		CorePro LEDtube	
 EM	 HF	 Standard output	 CorePro
Standard output Page 58		Page 60	
 EM	 HF	 High output	
High Output Page 58			
 EM	 Ultra output		
Ultra Output Page 59			



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

NEW Ultra output
2500-3700 lumen

- Value 1200 mm ROT
- Value 1500 mm ROT



Rotating end-caps

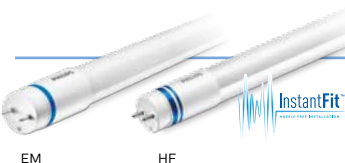
To ensure maximum compatibility with existing luminaires, directional LEDtubes often need to be adjusted towards where light is needed most. That's why all new Philips MASTER products have this feature as standard. It allows the LEDtube to be easily rotated up to 90 degrees, giving you the freedom to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



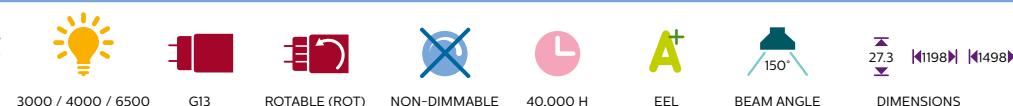
MASTER LEDtube

Whatever you need, the Philips MASTER LEDtubes portfolio has it all. 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. So with Philips, you always have the right LEDtube every time.

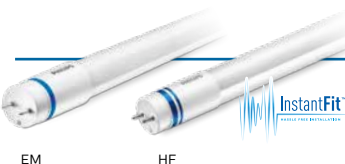
InstantFit HF compatibility. No wires to replace, no hassle changing drivers; our InstantFit solution works with High Frequency electronic ballast, making it easy and safe for all installation methods. All you have to do is slot the tube into your existing fitting.



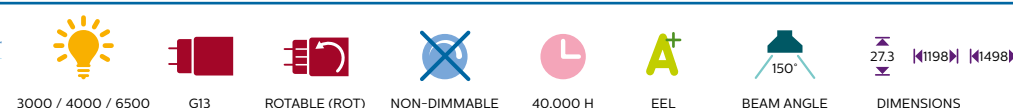
MASTER LEDtube Standard Output



Product type	LED	Traditional	Rotable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*
MASTER LEDtube (EM)	W	W		lm		°		K	8718
1200mm ROT	14.5	36	Yes	1600	EM & Mains	150°	83	4000	292179308300
1200mm ROT	14.5	36	Yes	1600	EM & Mains	150°	83	6500	292179310600
1500mm	20	36	No	2000	EM & Mains	150°	83	4000	292173451200
1500mm	20	58	No	2000	EM & Mains	150°	83	6500	292173453600
MASTER LEDtube (HF)	W	W		lm		°		K	8718
1200mm InstantFit	16,5	36	No	1600	HF	150°	83	4000	292172885600
1200mm InstantFit	16,5	36	No	1600	HF	150°	83	6500	292172887000
1500mm ROT InstantFit	22	58	Yes	2000	HF	150°	83	4000	29640078400
1500mm ROT InstantFit	22	58	Yes	2000	HF	150°	83	6500	29640080700



MASTER LEDtube High Output



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	8718
1200mm ROT	20	36	Yes	1900 lm	EM & Mains	150°	83	3000	29219870000
1200mm ROT	20	36	Yes	2100 lm	EM & Mains	150°	83	4000	29642200700
1200mm ROT	20	36	Yes	2100 lm	EM & Mains	150°	83	6500	29642202100
1500mm ROT	23	58	Yes	2900 lm	EM & Mains	150°	83	3000	292178956700
1500mm ROT	23	58	Yes	3100 lm	EM & Mains	150°	83	4000	292178958100
1500mm ROT	23	58	Yes	3100 lm	EM & Mains	150°	83	6500	292178960400
MASTER LEDtube (HF)	W	W		lm		°		K	8718
1200 ROT InstantFit	18	36	Yes	2100 lm	HF	150°	83	4000	69647125800
1200 ROT InstantFit	18	36	Yes	2100 lm	HF	150°	83	6500	69647127200
1500mm ROT InstantFit	25	58	Yes	3100 lm	HF	150°	83	4000	29640886500
1500mm ROT InstantFit	25	58	Yes	3100 lm	HF	150°	83	6500	29640888900

NEW



MASTER LEDtube Ultra Output



EM

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	8718
1200mm UO	20	36	Yes	2300	EM & Mains	150	83	3000	69646149500
1200mm UO	20	36	Yes	2500	EM & Mains	150	83	4000	69646151800
1200mm UO	20	36	Yes	2500	EM & Mains	150	83	6500	69646155600
1500mm UO	25	58	Yes	3400	EM & Mains	150	83	3000	69646157000
1500mm UO	25	58	Yes	3700	EM & Mains	150	83	4000	69646159400
1500mm UO	25	58	Yes	3700	EM & Mains	150	83	6500	69646163100



MASTER LEDtube

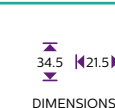


EM

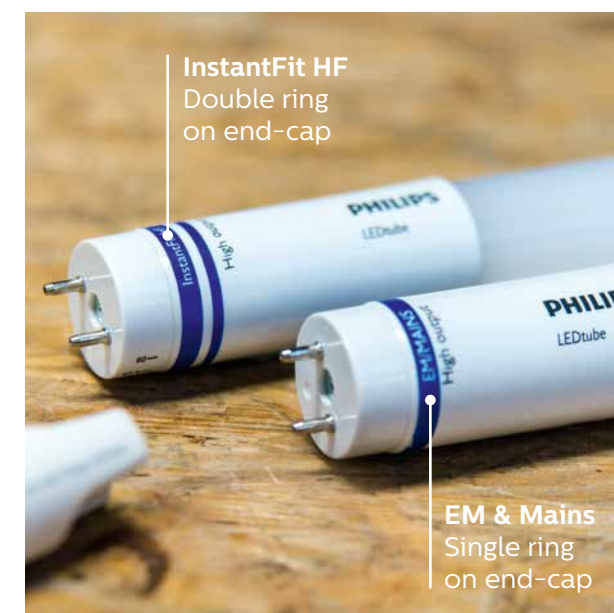
Product type	LED	Traditional	Rotable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*
MASTER LEDtube (EM)	W	W		lm		°		K	8718
600mm series ROT	10	18	Yes	1000 lm	EM & Mains	150°	83	3000	69646143300
600mm series ROT	10	18	Yes	1050 lm	EM & Mains	150°	83	4000	69646141900
600mm series ROT	10	18	Yes	1050 lm	EM & Mains	150°	83	6500	69646145700
GA110 900mm	15	30	No	1250 lm	EM & Mains	140°	85	4000	29123880500
GA110 900mm	15	30	No	1250 lm	EM & Mains	140°	85	6500	29123882900
1800mm ROT	25	58	Yes	3700 lm	EM & Mains	150°	83	4000	69648037300



Protection starter



Product type	EOC 1 pcs (I)
Accessory	8718
Starter EMP	29172928000





CorePro LEDtube

CorePro LEDtube is an affordable LED tube that is suitable for replacing T8 fluorescent lamps. This product is very suitable for cold rooms, back of house areas and car parks.



CorePro LEDtube



4000 / 6500



G13



NON-DIMMABLE



30,000 H



600 mm



EEL



140° BEAM ANGLE



DIMENSIONS

Product type	LED	Traditional	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*	
CorePro LEDtube	W	W	lm		°		K	8718291	8718696
CorePro 600mm 840	9	18	800	EM & Mains	140	80	4000	66971500	
CorePro 600mm 865	9	18	800	EM & Mains	140	80	6500	66973900	
CorePro 1200mm 840	18	36	1600	EM & Mains	140	80	4000	66967800	
CorePro 1200mm 865	18	36	1600	EM & Mains	140	80	6500	66969200	
CorePro 1500mm 840	22	58	2000	EM & Mains	140	80	4000		42794100
CorePro 1500mm 865	22	58	2000	EM & Mains	140	80	6500		42796500

*) incl. EMP



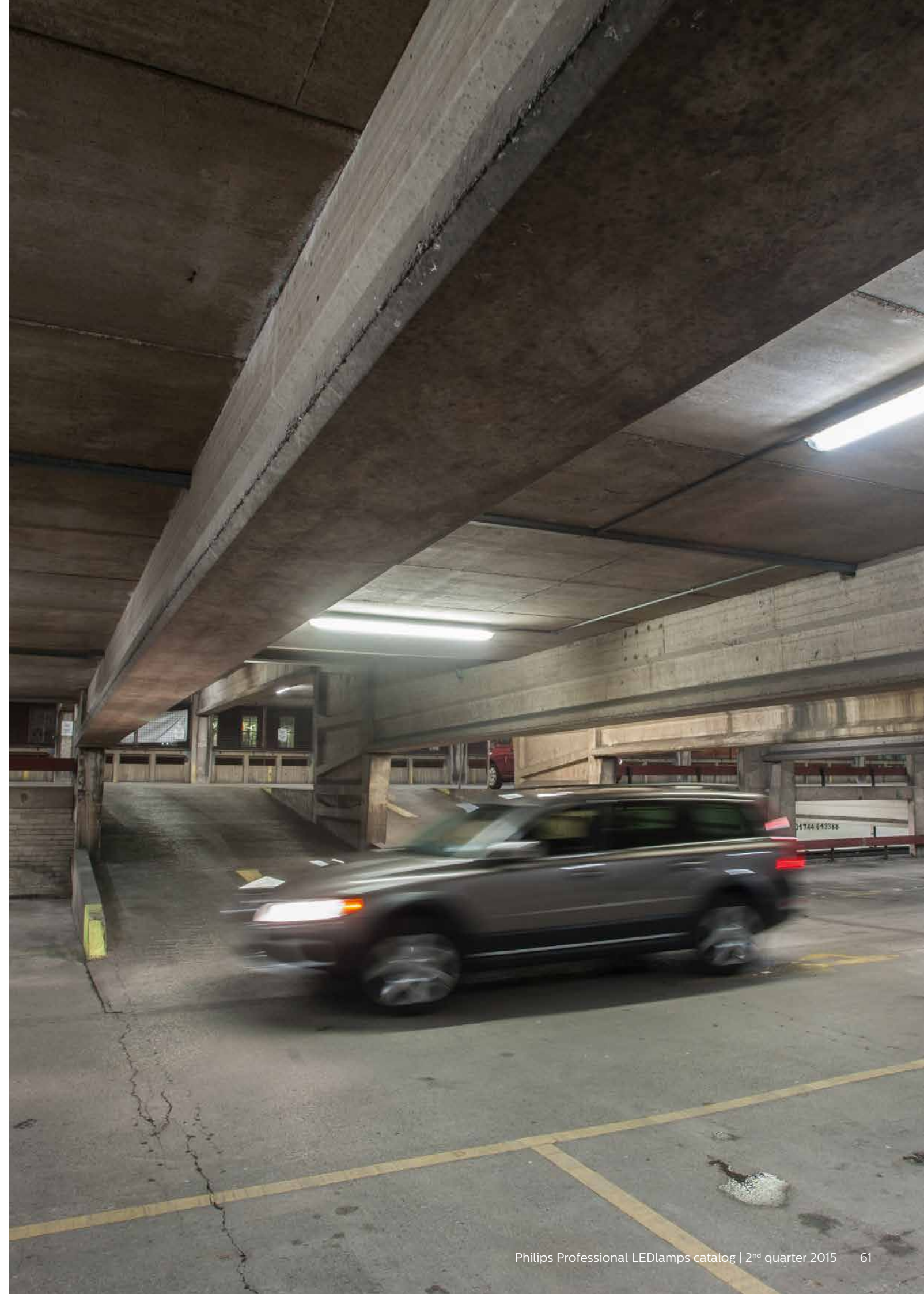
Protection starter



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

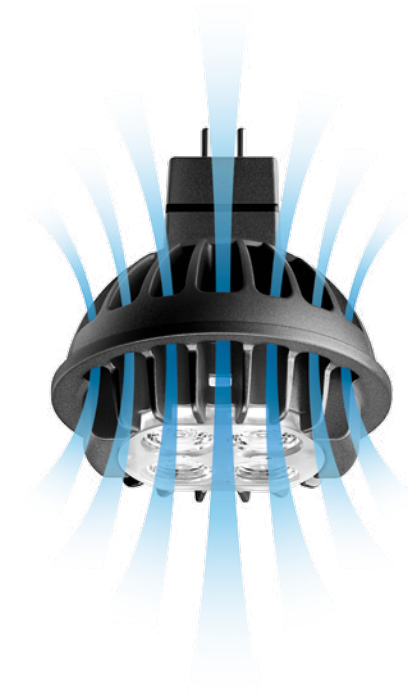
Unique ‘DimTone’ dimming



The more you dim the warmer the light

Regular LEDlamp dimming reduces the intensity of the light output but not the color temperature, which remains constant throughout the dimming process. And this is perfectly sufficient for many applications. But now, with DimTone, the color temperature is also reduced as the lamp is dimmed. This creates a warm, intimate lighting effect at lower intensities, identical to the ‘sunset’ effect of a dimmed halogen or incandescent lamp. This means that hoteliers, bar and restaurant owners can create the most elegant and luxurious lighting for hospitality, bar and retail environments.

There’s **innovation** in the air!



Airflux technology enables constant, passive cooling of the LEDs ensuring the highest light quality and color. Since the ventilator is taken out, Airflux allows more space for the best optical lenses and prevents distracting noises common to traditional active cooling products. Furthermore, Airflux prevents shadowing effects and guarantees a smooth, inclusion-free beam that high-end applications need.

- High Performance Dimming
- Longest lifetime
- Superior light quality
- Maximum energy savings
- No-noise cooling



Style has nothing to hide

The clear **classic** goes LED

The incandescent bulb may be a thing of the past, but its sparkling warmth and beautiful shape has never gone out of style. Now you can recreate that look and feel with MASTER LEDbulb Clear 6-40 W, the first LED bulb to produce a magical, nostalgic ambience. The unique lens design creates a sparkling clear white light with smooth dimming and incredible scene setting. For 25,000 hours of elegant atmosphere that looks like incandescent, but lasts like LED.



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.

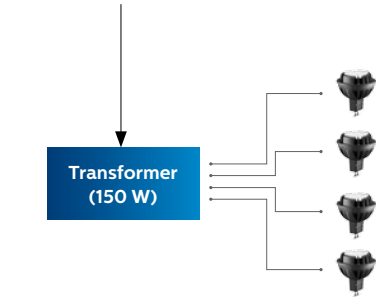
Philips designed a unique (patent protected) intelligent driver concept for low voltage (12 V) LEDlamps, which enables broad compatibility with existing electronic and electromagnetic Halogen transformers. Therefore, Philips low voltage (12 V) LEDlamps universally replace 12 V Halogen spot lamps with 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



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

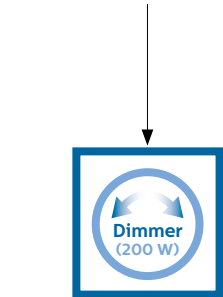
With dimmer

- 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)

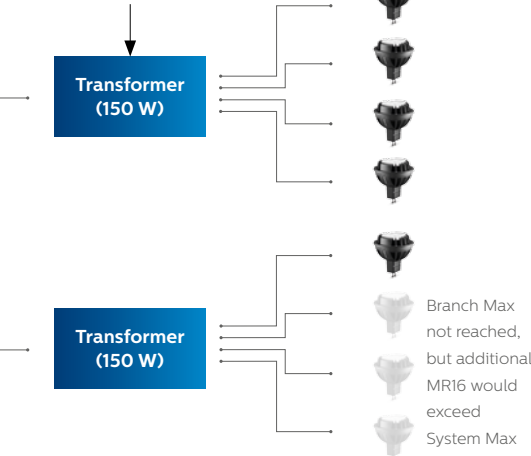
=
System Max (2)
2 transformers per dimmer



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

LED Wattage (7 W)

=
Branch Max (4.3)
4 lamps per transformer



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/led-product-info for photometric .ies files of all current products.

