

PHILIPS

LEDlamps

The complete
portfolio



LED can work for you

Professional LEDlamps catalog
Quarter 1 / 2016

'16

February

Professional LEDlamps catalog

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LEDspot

MASTER LEDspot DimTone



4-35 W



4.5-50 W

MASTER LEDspot MV
GU10 - P 8



4-35 W 5.4-50 W

MASTER LEDspot MV
CRI90 GU10 - P 9



6.5-35 W

MASTER LEDspot LV
MR16 GU5.3 - P 12



7-35 W

MASTER LEDspot LV
MR16 GU5.3 - P 13



8-50 W



3.5 W

MASTER LEDspot LV MR11
GU4 - P 18



11-50 W



15-75 W



20-100 W

MASTER LEDspot LV AR111
G53 - P 19



PAR20 / 5.5-50 W



PAR30S / 9.5-75 W



PAR30S / 9.5-90 W

MASTER LEDspot MV
PAR E27 - P 20



PAR38 / 13-100 W

MASTER LEDspot MV
PAR E27 - P 21



G9 / 2.5-25 W

CorePro LEDcapsule
G9 - P 26



LV 1.2-10 W

CorePro LEDcapsule
G4 - P 26



LV 2.2-20 W

CorePro LEDcapsule
G4 - P 26



RS7 6.5-60 W

CorePro LEDLinear
R7S - P 27

MASTER LEDspot Value



3.5-35 W

MASTER LEDspot Value MV
GU10 - P 10



4.3-50 W



3.2-35 W 5.3-50 W

Classic LEDspot MV
GU10 - P 11



3.4-20 W

MASTER LEDspot Value LV MR16 GU5.3 - P 14



6.3-35 W



3-20 W

5-35 W

Classic LEDspot LV
GU5.3 - P 15

CorePro LEDspot



3.5-35 W



4.5-50 W

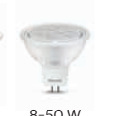


6.5-65 W

CorePro LEDspot MV
GU10 - P 12



5.5-35 W



8-50 W

CorePro LEDspot LV
GU5.3 - P 16



4.5-40 W

CorePro LEDspot
MV R50 E14 - P 22

LEDcapsule & Specials

CorePro LEDcapsule & Specials

LEDbulb

MASTER LEDbulb DimTone



6-40 W Clear



9-60 W Clear

MASTER LEDbulb E27/B22 - P 30

Classic LEDbulb



4.3-40 W 7.5-60 W 2.3-25 W 4.3-40 W 7.5-60 W

Classic LEDbulb E27/B22 - P 31

CorePro LEDbulb



6.5-40 W



9.5-60 W



6-40 W

CorePro LEDbulb E27/B22 - P 32



6-40 W



40W 3000K 4000K



9-60 W

CorePro LEDbulb E27/B22 - P 32-33



9.5-60 W



10.5-75 W



11-75 W

CorePro LEDbulb E27/B22 - P 33



11.5-75 W



13.5-100 W



16-100 W

CorePro LEDbulb E27/B22 - P 33

LEDcandle

MASTER LEDcandle DimTone



4-25 W 6-40 W 4-25 W 6-40 W 6-40 W

MASTER LEDcandle DimTone E14/B22 - P 36

Classic LEDcandle



2.3-25 W 2.3-25 W 2.3-25 W

Classic LEDcandle E14 - P 37

CorePro LEDcandle



4-25 W



5.5-40 W

CorePro LEDcandle E14 - P 38



4-25 W



5.5-40 W

CorePro LEDcandle E14 - P 38

LEDcluster

MASTER LEDcluster DimTone



4-25 W 6-40 W 4-25 W 6-40 W

MASTER LEDcluster DimTone E14/E27 - P 42

Classic LEDcluster



2.3-25 W

Classic LEDcluster E14 - P 43

CorePro LEDcluster



4-25 W



5.5-40 W

MASTER LEDcluster E14 - P 44



4-25 W



5.5-40 W

MASTER LEDcluster E14 - P 45



4-25 W



5.5-40 W

MASTER LEDcluster E27 - P 44



4-25 W



5.5-40 W

MASTER LEDcluster E27 - P 45

LED PL-C

CorePro LED PL-C



6.5 W



8.5 W

CorePro LED PL-C 2-pin - P 48



6.5 W



9 W

CorePro LED PL-C 4-pin - P 48

LEDtube

MASTER LEDtube



EM

HF

MASTER LEDtube - P 54



EM

HF

MASTER LEDtube - P 54



EM

HF

MASTER LEDtube - P 55

CorePro LEDtube



CorePro LEDtube - P 56

A man with grey hair, wearing a light blue shirt, is seated and looking towards a woman. The woman has long blonde hair and is wearing a light blue, vertically striped blouse with puffed sleeves. She is looking directly at the camera with a slight smile. They appear to be in a professional setting, possibly a meeting or consultation. 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.

LEDspot



MASTER LEDspot

MASTER LEDspot Value

Classic LEDspot

CorePro LEDspot



MV GU10 / 4-35 W
Page 8



MV GU10 / 4-35 W
Page 9



MV GU10 / 3.5-35 W
Page 10

NEW



MV GU10 / 3.2-35 W
Page 11



MV GU10 / 3.5-35 W
Page 12



MV GU10 / 4.5-50 W
Page 8



MV GU10 / 5.4-50 W
Page 9



MV GU10 / 4.3-50 W
Page 10

NEW



MV GU10 / 5.3-50 W
Page 11



MV GU10 / 4.5-50 W / 5-50 W /
6.5-65 W
Page 12



LV MR16 GU5.3
/6.5-35 W
Page 13



LV MR16 GU5.3 /
7-35 W
Page 13



LV MR16 GU5.3 /
8-50 W
Page 13



LV MR16 GU5.3 / 3.4-20 W
Page 14

NEW



LV MR16 GU5.3 / 3-20 W
Page 15



LV GU5.3 / 5.5-35 W
Page 16



LV MR11 GU4 / 3.5
W
Page 18



LV MR16 GU5.3 / 6.3-35 W
Page 14

NEW



LV MR16 GU5.3 / 5-35 W
Page 15



LV GU5.3 / 8-50 W
Page 16



LV AR111 G53 /
11-50 W
Page 19



LV AR111 G53 /
15-75 W
Page 19



LV AR111 G53 /
20-100 W
Page 19



MV PAR20 E27 /
5.5-50 W
Page 20



MV PAR30S E27 /
9.5-75 W
Page 20



MV PAR30S E27 /
9.5-90 W
Page 20

NEW



MV R50 E14 / 4.5-40 W
Page 22



MV PAR38 E27 /
13-100 W
Page 21



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 61
- DimTone: the more you dim the warmer the light – see page 59
- High Performance Dimming – see page 62
- 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



25°



40°

BEAM ANGLE



55 150H

DIMENSIONS



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



25°



40°

BEAM ANGLE



55 150H

DIMENSIONS



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



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



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



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



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	5.4	50	360	80	1350	25	90	2700	45715300
D 5.4-50W GU10 930 25D	5.4	50	360	80	1350	25	90	3000	45719100
D 5.4-50W GU10 927 40D	5.4	50	378	84	800	40	90	2700	45717700
D 5.4-50W GU10 930 40D	5.4	50	378	84	800	40	90	3000	45721400
D 5.4-50W GU10 940 40D	5.4	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.

- MASTER Value range – see page 61
- High Performance Dimming – see page 62
- Long lifetime
- Superior light quality
- Maximum energy savings



MASTER LEDspot MV Value / 3.5–35 W



25D

40D

2700 / 3000 / 4000

GU10

DIMMABLE

35,000 H

EEL

10 PACK

BEAM ANGLE

DIMENSIONS

90%

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



25D

40D

2700 / 3000 / 4000

GU10

DIMMABLE

35,000 H

EEL

10 PACK

BEAM ANGLE

DIMENSIONS

91%

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



Classic LEDspot MV

Spot the new classics

Our Classic LEDspots are just as iconic and are now made from glass. The stylish design is appreciated for its well-known look and feel whether switched on or off. Classic LEDspots are the perfect halogen replacement for high-end applications such as restaurants, hotels or private residences. The single optic glass spots offer perfect beam, high quality light output with a good color rendering index of CRI80. Available as an MR16 LV and a GU10 MV. They're also a classic choice for their long lifetime and low energy consumption.

- Single optics
- Glass spot
- A familiar appearance in both "on" and "off" state

NEW



Classic LEDspot MV / 3.5-35 W


2700


GU10


NON-DIMMABLE


15,000 H


EEL


10 PACK


36°
BEAM ANGLE


55 50
DIMENSIONS


90%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
CLA LEDspot MV	W	W	lm	lm/W	cd	°		K	
ND 3.2-35W GU10 827 36D	3.5	35	260	72	450	36	80	2700	55120200

NEW



Classic LEDspot MV / 5.3-50 W


2700


GU10


NON-DIMMABLE


15,000 H


EEL


10 PACK


36°
BEAM ANGLE


55 50
DIMENSIONS


89%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
CLA LEDspot MV	W	W	lm	lm/W	cd	°		K	
ND 5.3-50W GU10 827 36D	5.3	50	390	65	650	36	80	2700	55118900

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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



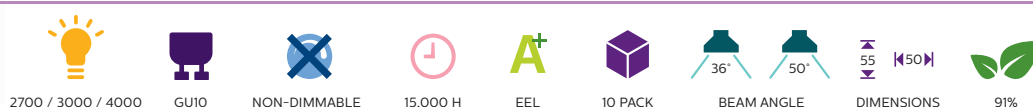
CorePro LEDspot MV / 3.5-35 W



Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC	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



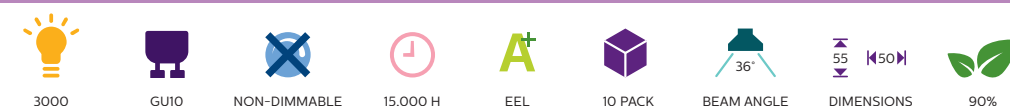
CorePro LEDspot MV / 4.5-50 W - 5-50 W



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	



CorePro LEDspot MV / 6.5-65 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	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 62
- DimTone: the more you dim the warmer the light – see page 59
- 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°



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



24°



36°



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



MASTER LEDspot LV MR16 / 8-50 W



2700 / 3000



GU5.3



DIMMABLE



40,000 H



EEL



10 PACK



24°



36°



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 62
- 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



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.



Classic LEDspot LV MR16

Spot the new classics

Our Classic LEDspots are just as iconic and are now made from glass. The stylish design is appreciated for its well-known look and feel whether switched on or off. Classic LEDspots are the perfect halogen replacement for high-end applications such as restaurants, hotels or private residences.

The single optic glass spots offer perfect beam, high quality light output with a good color rendering index of CRI80.

- Single optics
- Glass spot
- A familiar appearance in both “on” and “off” state

NEW



LEDspot LV MR16 / 3-20 W



2700



GU5.3



NON-DIMMABLE



15,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



82%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
Classic LEDspot LV	W	W	lm	lm/W	cd	°		K	8718696
ND 3-20W 827 MR16 36D	3	20	230	76	450	36	80	2700	55114100

NEW



LEDspot LV MR16 / 5-35 W



2700



GU5.3



NON-DIMMABLE



15,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



81%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
Classic LEDspot LV	W	W	lm	lm/W	cd	°		K	8718696
ND 5-35W 827 MR16 36D	5	35	345	69	650	36	80	2700	55110300



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



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 62
- 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



DIMENSIONS



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

With an elegant new design, MASTER LEDspot LV AR111 creates a brilliant visual effect for retail and hospitality applications like shops, showrooms and galleries. The high quality light brings out the true colors in merchandise, including reds.

With excellent rendering of CRI90 and R9>50, colors stay vibrant and natural, enhancing the appeal of everything on display.

- TransforMax – see page 62
- Dimmable
- High quality of light
- Unique lens design



MASTER LEDspot LV AR111 / 11-50 W



2700 / 3000



G53



DIMMABLE



40,000 H



EEL



6 PACK



BEAM ANGLE



DIMENSIONS



78%

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	560	51	2900	24	90	2700	488700
D 11-50W 930 AR111 24D	10	50	580	53	3000	24	90	3000	490000
D 11-50W 927 AR111 40D	10	50	550	50	1100	40	90	2700	492400
D 11-50W 930 AR111 40D	10	50	570	52	1150	40	90	3000	494800



MASTER LEDspot LV AR111 / 15-75 W



2700 / 3000



G53



DIMMABLE



40,000 H



EEL



6 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	871869651
D 15-75W 927 AR111 24D	15	75	760	50	3900	24	90	2700	496200
D 15-75W 930 AR111 24D	15	75	770	51	4000	24	90	3000	498600
D 15-75W 927 AR111 40D	15	75	750	50	1400	40	90	2700	500600
D 15-75W 930 AR111 40D	15	75	760	50	1450	40	90	3000	502000



2700



G53



DIMMABLE



40,000 H



EEL



6 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	871869651
D 20-100W 827 AR111 24D	20	100	1180	59	5800	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



DIMENSIONS



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



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	8718291
D 9.5-75W 2700K PAR30S 25D	9.5	75	650	68	3500	25	80	2700	71434700
D 9.5-75W 4000K PAR30S 25D	9.5	75	750	79	3850	25	80	4000	71436100

NEW



MASTER LEDspot MV PAR / 9.5-90 W PAR30S



2700 / 4000



E27



DIMMABLE



40,000 H



EEL



6 PACK



BEAM ANGLE



DIMENSIONS



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 9.5-90W 827 PAR30S 25D SO	9.5	90	815	86	3500	25	80	2700	55080900
D 9.5-90W 840 PAR30S 25D SO	9.5	90	875	92	3850	25	80	4000	55082300



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



BEAM ANGLE



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 & Specials

CorePro LEDcapsule & Specials



G4 / LV 1.2-10 W
Page 26



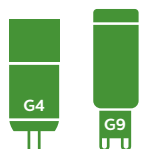
G4 / LV 2-20 W
Page 26



G9 / MV 2.5-25 W
Page 26



R7S / 6.5-60 W
Page 27



CorePro LEDcapsule

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
n.a.DIMENSIONS
39 14

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
n.a.DIMENSIONS
45 14

90%

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



CorePro LEDcapsule MV / 2.5-25 W



2700



G9



NON-DIMMABLE



15,000 H



EEL



12 PACK

BEAM ANGLE
n.a.DIMENSIONS
53 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



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



CorePro Specials R7S

- Low energy consumption
- Long lifetime compared to halogen
- The ideal solution for retrofitting decorative luminaires in retail and hospitality applications



CorePro LEDLinear R7S / 6.5-60 W



3000



R7S



NON-DIMMABLE



20,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



89%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
CorePro	W	W	lm	lm/W	cd	°		K	
LEDLinear R7S 117mm 6.5-60W 830	6.5	60	806	124	-	300	80	3000	8718696 52253000





LEDbulb

MASTER LEDbulb DimTone

Classic LEDbulb

CorePro LEDbulb



E27/B22 / 6-40 W
Clear
Page 30



E27/B22 / 9-60 W
Clear
Page 30



E27 / 4.3-40 W
Page 31



E27 / 7.5-60 W
Page 31



E27/B22 / 6.5-40 W
Page 32



E27/B22 / 9.5-60 W
Page 32



E27 / 6-40 W
Page 32



E27 / 2.3-25 W
Page 31



E27 / 4.3-40 W
Page 31



E27/B22 / 6-40 W
Page 32



40 W /
3000 K / 6500 K
Page 32



E27/B22 / 9-60 W
Page 33



E27 / 7.5-60 W
Page 31



E27 / 9.5-60 W
Page 33



E27/B22 / 10.5-75 W
Page 33



E27/B22 / 11-75 W
Page 33



E27 / 11-75 W
Page 33



E27/B22 / 13.5-100 W
Page 33



E27 / 16-100 W
Page 33



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.

- Philips Classic LED - Designed to be seen - see page 58
- DimTone: the more you dim the warmer the light - see page 59
- High Performance Dimming - see page 62
- Longest lifetime
- Superior light quality
- Maximum energy savings



MASTER LEDbulb clear / 6-40 W



DimTone



2700 - 2200



E27



B22



DIMMABLE



25,000 H



EEL



10 PACK

DIMENSIONS
E27DIMENSIONS
B22

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



MASTER LEDbulb clear / 9-60 W



DimTone



2700 - 2200



E27



B22



DIMMABLE



25,000 H



EEL



10 PACK

DIMENSIONS
E27DIMENSIONS
B22

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



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



Classic LEDbulb



Classic LEDbulb / 4.3-40 W



2700



E27



NON-DIMMABLE



15,000 H



EEL



10 PACK



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 ICT	4.3	40	470	110	A60	80	2700	517535



Classic LEDbulb / 7.5-60 W



2700



E27



NON-DIMMABLE



15,000 H



EEL



10 PACK



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 ICT	7.5	60	806	107	A60	80	2700	517659



Classic LEDbulb / 2.3-25 W



2700



E27



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS
ST64



91%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
Classic LEDbulb	W	W	lm	lm/W			K	8718696
ND 2.3-25W E27 WW ST64 CL	2.3	25	250	110	ST64	80	2700	52376600



Classic LEDbulb / 4.3-40 W



2700



E27



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS
ST64



89%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
Classic LEDbulb	W	W	lm	lm/W			K	8718696
ND 4.3-40W E27 WW ST64 CL	4.3	40	470	110	ST64	80	2700	52378000



Classic LEDbulb / 7.5-60 W



2700



E27



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS
ST64



87%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
Classic LEDbulb	W	W	lm	lm/W			K	8718696
ND 7.5-60W E27 WW ST64 CL	7.5	60	806	107	ST64	80	2700	52380300



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 / 6.5-40 W



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



CorePro LEDbulb / 9.5-60 W



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



CorePro LEDbulb / 6-40 W



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



CorePro LEDbulb / 6-40 W



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



CorePro LEDbulb / 9-60 W



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



CorePro LEDbulb / 11-75 W



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



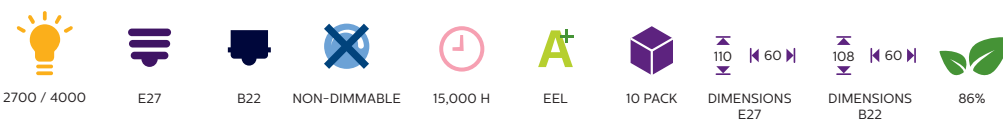
CorePro LEDbulb / 9.5-60W - 11.5-75 W



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



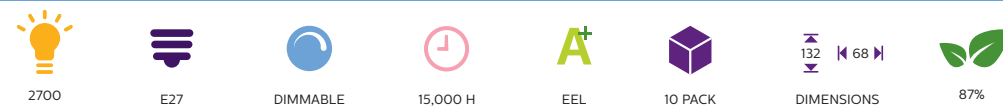
CorePro LEDbulb / 13.5-100 W



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



CorePro LEDbulb / 16-100 W



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

Classic LEDcandle

CorePro LEDcandle



E14 / 4-25 W
Page 36



E14 / 4-25 W
Page 36



E14 / 2.3-25 W
Page 37



E14 / 2.3-25 W
Page 37



E14 / 4-25 W
Page 38



E14 / 3.5-4-25 W
Page 38



E14 / 6-40 W
Page 36



E14 / 6-40 W
Page 36



E14 / 2.3-25 W
Page 37



E14 / 5.5-40 W
Page 38



E14 / 5.5-40 W
Page 38



B22 / 6-40 W
Page 36



MASTER LEDcandle

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.

- Philips Classic LED - Designed to be seen - see page 58
- DimTone: the more you dim the warmer the light - see page 59
- Unique, eye-catching lens design
- Huge energy savings



MASTER LEDcandle DimTone / 4-25 W



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
DT 4-25W E14 827 BA38 CL	4	25	250	65	BA38	80	2700-2200	45376600



MASTER LEDcandle DimTone / 6-40 W



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
DT 6-40W E14 827 BA38 CL	6	40	470	78	BA38	80	2700-2200	45354400



MASTER LEDcandle DimTone / 6-40 W



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



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



Classic LEDcandle



Classic LEDcandle / 2.3-25 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS



91%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDcandle	W	W	lm	lm/W			K	8718696
ND 2.3-25W E14 WW B35 CL	2.3	25	250	110	B35	80	2700	51767300



Classic LEDcandle / 2.3-25 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS



91%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDcandle	W	W	lm	lm/W			K	8718696
ND 2.3-25W E14 WW BA35 CL	2.3	25	250	110	BA35	80	2700	51769700



Classic LEDcandle / 2.3-25 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS



91%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
MASTER LEDcandle	W	W	lm	lm/W			K	8718696
ND 2.3-25W E14 WW ST35 CL	2.3	25	250	110	ST35	80	2700	52382700



CorePro LEDcandle

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

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



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	8718696
ND 4-25W E14 827 B35 CL	4	25	250	65	B35	80	2700	50757500



CorePro LEDcandle clear / 5.5-40 W



2700 / 4000



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	45479400
ND 5.5-40W E14 840 B35 CL	5.5	40	520	95	B35	80	4000	54340500



CorePro LEDcandle frosted / 3.5-4-25 W



2700 / 4000



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 8718696
ND 4-25W E14 827 B35 FR	4	25	250	65	B35	80	2700	78701300
ND 3.5-25W E14 840 B35 FR	3.5	25	290	83	B35	80	4000	54348100



CorePro LEDcandle frosted / 5.5-40 W



2700 / 4000



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 8718696
ND 5.5-40W E14 827 B35 FR	5.5	40	470	85	B35	80	2700	76238600
ND 5.5-40W E14 840 B35 FR	5.5	40	520	95	B35	80	4000	54356600





LEDcluster

MASTER LEDcluster DimTone



E14 / 4-25 W
Page 42



E14 / 6-40 W
Page 42



E27 / 4-25 W
Page 42



E27 / 6-40 W
Page 42

Classic LEDcluster



E14 / 2.3-25 W
Page 43

CorePro LEDcluster



E14 / 4-25 W
Page 44



E14 / 5.5-40 W
Page 44



E27 / 4-25 W
Page 44



E27 / 5.5-40 W
Page 44



E14 / 4-25 W
Page 45



E14 / 5.5-40 W
Page 45



E27 / 4-25 W
Page 45



E27 / 5.5-40 W
Page 45



MASTER LEDluster

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.

- Philips Classic LED - Designed to be seen - see page 58
- DimTone: the more you dim the warmer the light - see page 59
- 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



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



MASTER LEDluster DimTone / 4-25 W



DimTone



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



MASTER LEDluster 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 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



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



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



Classic LEDluster

Classic



Classic LEDluster / 2.3-25 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS



91%

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
Classic LEDluster	W	W	lm	lm/W			K	8718696
ND 2.3-25W E14 WW P45 CL	2.3	25	250	110	P45	80	2700	51771000





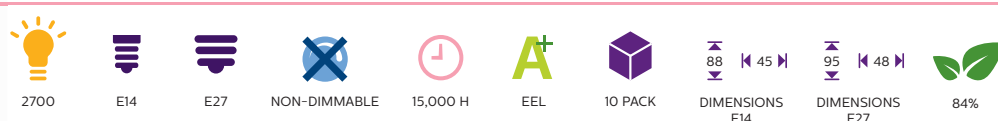
CorePro LEDluster

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

- Non-Dimmable
- Huge energy savings



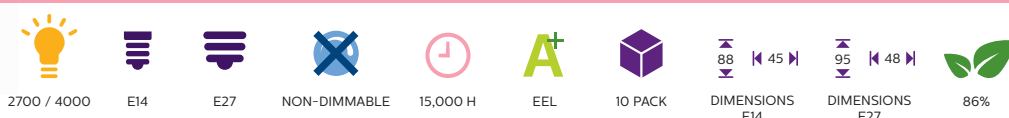
CorePro LEDluster clear / 4-25 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDluster	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



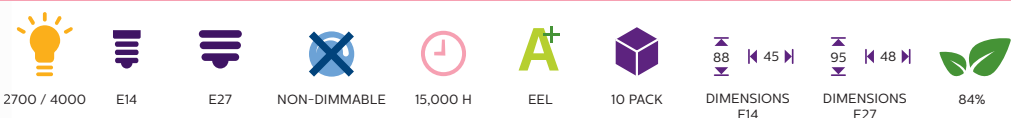
CorePro LEDluster clear / 5.5-40 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDluster	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 E14 840 P45 CL	5.5	40	520	95	P45	80	4000	54344300
ND 5.5-40W E27 827 P45 CL	5.5	40	470	85	P45	80	2700	50763600



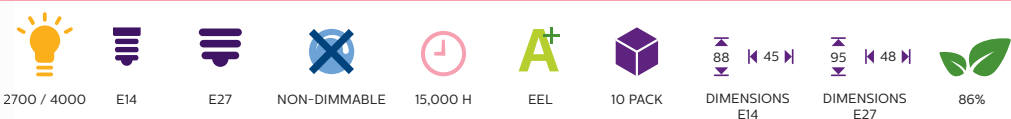
CorePro LEDluster frosted / 3.5-4-25 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC	
CorePro LEDluster	W	W	lm	lm/W			K	8718291	8718696
ND 4-25W E14 827 P45 FR	4	25	250	65	P45	80	2700	78703700	
ND 3.5-25W E14 840 P45 FR	4	25	290	83	P45	80	4000		54352800
ND 4-25W E27 827 P45 FR	4	25	250	65	P45	80	2700	78705100	



CorePro LEDluster frosted / 5.5-40 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC	
CorePro LEDluster	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 E14 840 P45 FR	5.5	40	520	95	P45	80	4000	54360300	
ND 5.5-40W E27 827 P45 FR	5.5	40	470	85	P45	80	2700	50765000	



LED PL-C



CorePro LED PL-C

NEW



G24d-2

NEW



G24d-3

NEW



G24q-2

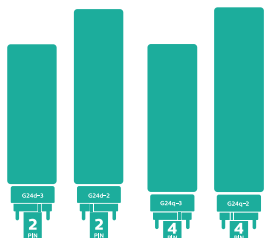
NEW



G24q-3

6.5 & 8.5 W 2-pin
Page 48

6.5 & 9 W 4-pin
Page 48



CorePro LED PL-C

Downlighting in general circulation areas represents a major lighting cost for many buildings. CorePro LED PLC is a retrofit LED PLC lamp that delivers incredible energy savings over a 30,000 hours lifetime and requires less maintenance and servicing. So you can downsize your downlighting costs with energy efficient LED lamps.

- Up to 60% more efficient compared to fluorescent PLC lamps, saving on energy costs.
- Lifetime up to 30,000 hours, reducing maintenance costs.
- Made of shatter-proof plastic instead of glass.
- Easy upgrade from current conventional downlight fixture.
- Re-using the existing fixture without major modifications, using a similar PLC form-factor.
- Instant 100% light.
- No flickering or stroboscopic light.



CorePro LED PL-C / 6.5-8.5 W 2-pin



3000 / 4000



G24d-2



G24d-3



NON-DIMMABLE



30,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS

G24d-2



DIMENSIONS

G24d-3

Product type	LED	Rotable	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC
CorePro LED PLC	W		lm		°		K	8718696
6.5W 830 2P G24d-2	6.5	Yes	600	EM	120	80	3000	54127200
6.5W 840 2P G24d-2	6.5	Yes	650	EM	120	80	4000	54129600
8.5W 830 2P G24d-3	8.5	Yes	900	EM	120	80	3000	54123400
8.5W 840 2P G24d-3	8.5	Yes	950	EM	120	80	4000	54125800



CorePro LED PL-C / 6.5-9 W 4-pin



3000 / 4000



G24q-2



G24q-3



NON-DIMMABLE



30,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS

G24q-2



DIMENSIONS

G24q-3

Product type	LED	Rotable	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC
CorePro LED PLC	W		lm		°		K	8718696
6.5W 830 4P G24q-2	6.5	Yes	600	HF	120	80	3000	54119700
6.5W 840 4P G24q-2	6.5	Yes	650	HF	120	80	4000	54121000
9W 830 4P G24q-3	9	Yes	900	HF	120	80	3000	54115900
9W 840 4P G24q-3	9	Yes	950	HF	120	80	4000	54117300



Downsize your downlighting costs **with LED**



Philips CorePro LED PLC is the first LED PLC lamp to replace fluorescent alternatives with up to 60% energy savings and 30,000 hours lifetime. A retrofit lamp that's simple to install, fits all 2-pin (EM) and 4-pin (HF) fixtures and requires less maintenance and servicing. So you can downsize your downlighting costs with energy efficient LED.

LEDtube

HO NORD TLP PROJECT



MASTER LEDtube

CorePro LEDtube



EM

HF

Standard output

Standard output
Page 54



CorePro
Page 56



EM

HF

High output

High Output
Page 54



EM

HF

NEW

Ultra output

Ultra Output
Page 55

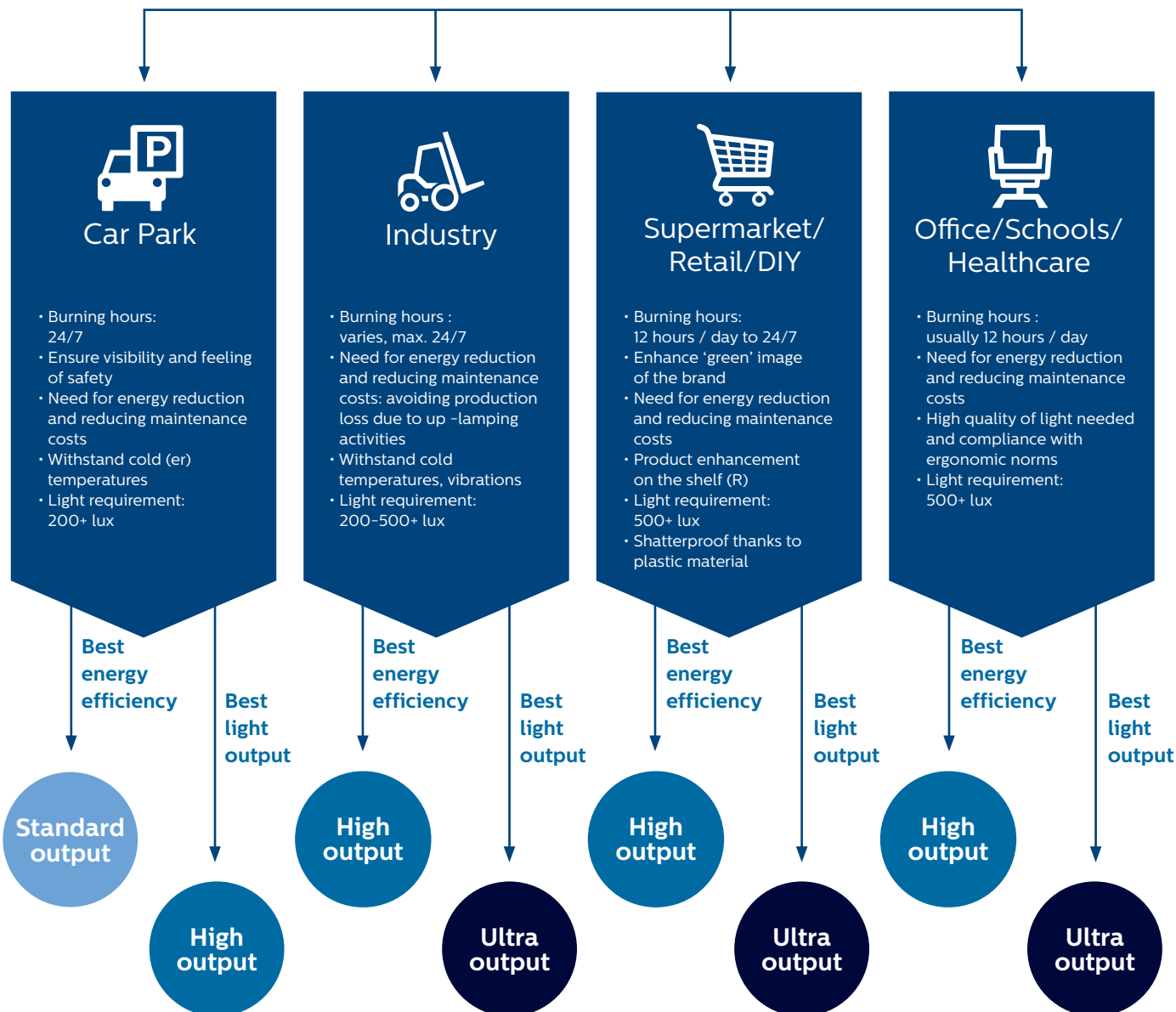




Works with
Electro Magnetic ballast (EM)



Works with
High Frequency ballast (HF)



Standard output 1600-2000 lumen

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

High output 2100-3100 lumen

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

Ultra output 2500-3700 lumen

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



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

		3000 / 4000 / 6500	G13	ROTATABLE (ROT)	NON-DIMMABLE	50,000 H	EEL	BEAM ANGLE	DIMENSIONS	
								160°	27.3	1198 1498
Product type	LED	Traditional	Rotatable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*	
MASTER LEDtube (EM)	W	W		lm		°		K	8718291	
1200mm	14.5	36	Yes	1600	EM & Mains	160	83	4000	79308300	
1200mm	14.5	36	Yes	1600	EM & Mains	160	83	6500	79310600	
1500mm	20	58	Yes	2000	EM & Mains	160	83	4000	73451200	
1500mm	20	58	Yes	2000	EM & Mains	160	83	6500	73453600	
MASTER LEDtube (HF)	W	W		lm		°		K	8718291	8718696
1200mm InstantFit	16.5	36	Yes	1600	HF	160	83	4000	72885600	
1200mm InstantFit	16.5	36	Yes	1600	HF	160	83	6500	72887000	
1500mm InstantFit	22	58	Yes	2000	HF	160	83	4000		40078400
1500mm InstantFit	22	58	Yes	2000	HF	160	83	6500		40080700

MASTER LEDtube High Output

		3000 / 4000 / 6500	G13	ROTATABLE (ROT)	NON-DIMMABLE	50,000 H	EEL	BEAM ANGLE	DIMENSIONS	
								160°	27.3	1198 1498
Product type	LED	Traditional	Rotatable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*	
MASTER LEDtube (EM)	W	W		lm		°		K	8718696	8718291
1200mm	18	36	Yes	1900	EM & Mains	160	83	3000	42198700	
1200mm	18	36	Yes	2100	EM & Mains	160	83	4000	42200700	
1200mm	18	36	Yes	2100	EM & Mains	160	83	6500	42202100	
1500mm	23	58	Yes	2900	EM & Mains	160	83	3000		78956700
1500mm	23	58	Yes	3100	EM & Mains	160	83	4000		78958100
1500mm	23	58	Yes	3100	EM & Mains	160	83	6500		78960400
MASTER LEDtube (HF)	W	W		lm		°		K	8718696	
1200mm InstantFit	18	36	Yes	2000	HF	160	83	3000	51456600	
1200mm InstantFit	18	36	Yes	2100	HF	160	83	4000	47125800	
1200mm InstantFit	18	36	Yes	2100	HF	160	83	6500	47127200	
1500mm InstantFit	25	58	Yes	2900	HF	160	83	3000	51458000	
1500mm InstantFit	25	58	Yes	3100	HF	160	83	4000	40886500	
1500mm InstantFit	25	58	Yes	3100	HF	160	83	6500	40888900	

MASTER LEDtube Ultra Output



3000 / 4000 / 6500



G13



ROTATABLE (ROT)



NON-DIMMABLE



50.000 H



EEL



BEAM ANGLE



BEAM ANGLE



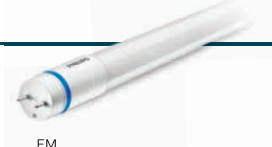
DIMENSIONS



1198 1498

Product type	LED	Traditional	Rotatable 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 (HF)	W	W		lm		°		K	8718696
1200mm UO	22	36	Yes	2300	HF	160	83	3000	55282700
1200mm UO	22	36	Yes	2500	HF	160	83	4000	55278000
1200mm UO	22	36	Yes	2500	HF	160	83	6500	55280300
1500mm UO	26	58	Yes	3400	HF	160	83	3000	55288900
1500mm UO	26	58	Yes	3700	HF	160	83	4000	55284100
1500mm UO	26	58	Yes	3700	HF	160	83	6500	55286500

MASTER LEDtube



3000 / 4000 / 6500



G13



ROTATABLE (ROT)



NON-DIMMABLE



50,000 H



EEL



BEAM ANGLE



DIMENSIONS



1589 1898

Product type	LED	Traditional	Rotatable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*
MASTER LEDtube (EM)	W	W		lm		°		K	8718696
600mm series	10	18	Yes	1000	EM & Mains	160	83	3000	46141900
600mm series	10	18	Yes	1050	EM & Mains	160	83	4000	46143300
600mm series	10	18	Yes	1050	EM & Mains	160	83	6500	46145700
900mm RS *)	15	30	Yes	1575	EM & Mains	160	80	4000	23880500
900mm RN *)	15	30	Yes	1575	EM & Mains	160	80	4000	47121000
900mm RS *)	15	30	Yes	1575	EM & Mains	160	80	6500	23882900
900mm RN *)	15	30	Yes	1575	EM & Mains	160	80	6500	47123400
1800mm	25	70	Yes	3700	EM & Mains	160	85	4000	48037300

Protection starter



34.5 21.5

DIMENSIONS

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



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
600mm 9W840 C Glass	8	18	800	EM & Mains	240	80	4000	49277200
600mm 9W865 C Glass	8	18	800	EM & Mains	240	80	6500	49279600
1200mm 16W840 C Glass	16	36	1600	EM & Mains	240	80	6500	49281900
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



Designed to be seen

The perfect mix of classic style
and today's LED efficiency



Classic LED range looks like incandescent saves like LED

The Classic LED range recreates incandescent lighting in every way possible. The classic bulb shapes are designed for timeless, decorative appeal. But it's what's inside that makes them so different. We've given our LED energy-saving technology a new twist by arranging the LED to mimic incandescent, so you can create a glowing, warm white light without high energy bills.

The timeless appeal of the Classic LED range makes them perfect for a wide range of applications:

- Create a magical, intimate atmosphere in living rooms
- Add a touch of vintage ambience to restaurants, bars and hotel rooms
- Illuminate hospitals and museums with warm, white light.

Put design in the spotlights

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, enhanced red color makes objective more vivid. Colors stay vibrant and natural.

With an elegant new design, MASTER LEDspot LV AR111 creates a brilliant visual effect for retail and hospitality applications like shops, showrooms and galleries. The high quality light brings out the true

colors in merchandise. With excellent rendering of CRI90, enhancing red, colors stay vibrant and natural on everything in retail and hospitality applications.



DimTone – The more you dim, the warmer the light



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.



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

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

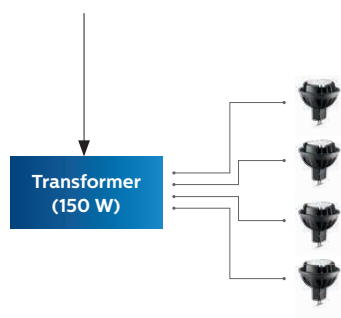
20% of Transformer rating
(20% x 150 W = 30 W)

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'

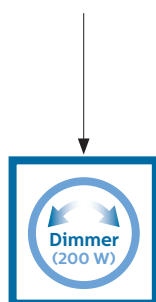
Dimmer Rating
(300 W)

Transformer Wattage (150 W)

=

System Max (2)

2 transformers per dimmer



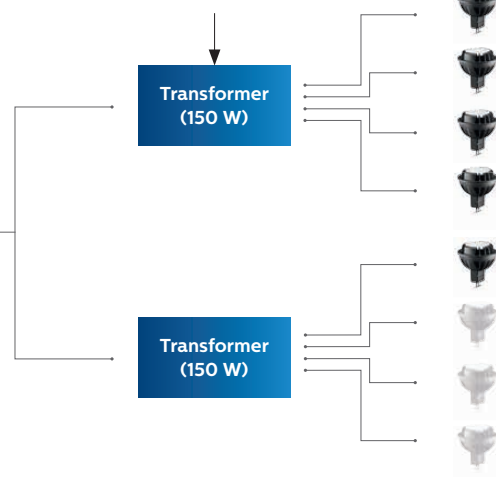
20% of Transformer rating
(20% x 150 W = 30 W)

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 the dedicated application note (www.philips.com/masterledlamps).



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

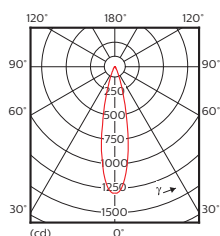
Photometric diagrams

This is a selection of the photometric diagram visualisations.

Please visit www.philips.com/masterledlamps for photometric .ies files of all current products.



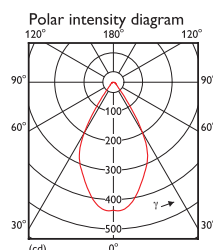
MASTER LEDspot MV
Page 8



4-35W GU10 2700K 25D



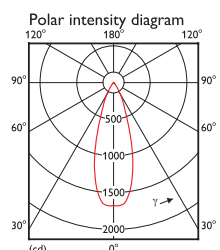
CorePro LEDspot MV
Page 11



5-50W GU10 2700K 36D



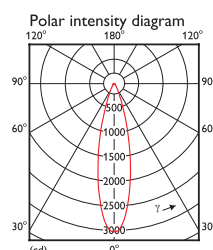
MASTER LEDspot LV
Page 13



8-50W MR16 2700K 24D



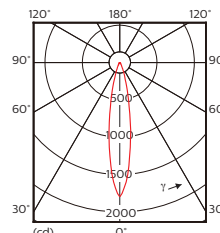
MASTER LEDspot AR111
Page 19



15-75W AR111 2700K 40D



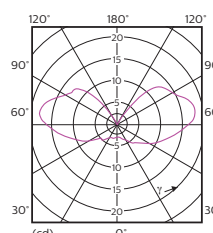
MASTER LEDspot MV PAR
Page 20



5.5-50W PAR 20 2700K 25D



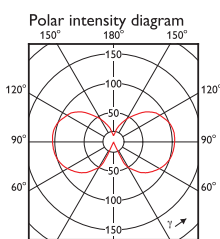
CorePro LEDcapsule
Page 26



1.2-10W G4 2700K



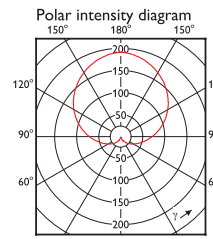
MASTER LEDbulb
Page 31



13-75W E27 2700K



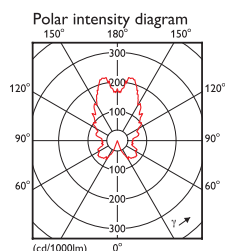
CorePro LEDbulb
Page 32



6-40W E27 2700K



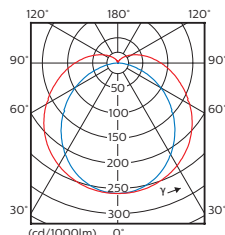
MASTER LEDcandle
DimTone
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6-40W E14 2700K



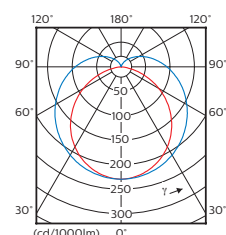
MASTER LEDtube
Ultra output
Page 55



18W G13 6500K



CorePro LEDtube
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10W G13 6500K

