

**PHILIPS**

LEDlamps

The complete  
portfolio



# LED can work for you

Professional LEDlamps catalog  
Quarter 2 / 2016

'16  
April

# Professional LEDlamps catalog

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### LED spot

#### MASTER LEDspot DimTone

 4-35 W	 4.5-50 W	 4-35 W	 5.4-50 W
MASTER LEDspot MV GU10 - P 8		MASTER LEDspot MV CR190 GU10 - P 9	
 6.5-35 W	 7-35 W	 8-50 W	
MASTER LEDspot LV MR16 GU5.3 - P 13		MASTER LEDspot LV MR16 GU5.3 - P 13	
 3.5 W	 11-50 W	 15-75 W	 20-100 W
MASTER LEDspot LV MR11 GU4 - P 18	MASTER LEDspot LV AR111 GU53 - P 19		
 PAR20 / 5.5-50 W	 PAR30S / 9.5-75 W	 PAR30S / 9.5-90 W	 PAR38 / 13-100 W
MASTER LEDspot MV PAR E27 - P 20		MASTER LEDspot MV PAR E27 - P 21	

### LED capsule & Specials

#### CorePro LED capsule & Specials

 G9 / 2.5-25 W
CorePro LED capsule G9 - P 26
 LV 1.2-10 W
CorePro LED capsule G4 - P 26
 LV 2.2-20 W
CorePro LED capsule G4 - P 26
 R57 6.5-60 W
CorePro LED Linear R7S - P 27

#### MASTER LEDspot Value

 3.5-35 W	 4.3-50 W	 3.1-25 W	 3.5-35 W	 5.3-50 W	 4.4-35 W	 5.5-50 W
MASTER LEDspot Value MV GU10 - P 10		LED spot classic MV GU10 - P 11				
 3.4-20 W	 6.3-35 W	 3-20 W	 5-35 W			
MASTER LEDspot Value LV MR16 GU5.3 - P 14		LED spot classic LV GU5.3 - P 15				

#### CorePro LED spot

 3.5-35 W	 4.5-50 W	 6.5-65 W	 5.5-35 W	 8-50 W	 4.5-40 W
CorePro LED spot MV GU10 - P 12			CorePro LED spot LV GU5.3 - P 16		CorePro LED spot MV R50 E14 - P 22

## LED bulb

### MASTER LEDbulb DimTone



MASTER LEDbulb E27/B22 - P 30

## LED candle

### MASTER LEDcandle DimTone



MASTER LEDcandle DimTone E14/B22 - P 36

## LED luster

### MASTER LEDluster DimTone



MASTER LED luster DimTone E14/E27 - P 42

## LED PL-C

### CorePro LED PL-C



CorePro LED PL-C 2-pin - P 48

## LED tube

### MASTER LEDtube



MASTER LEDtube - P 54

## LED bulb classic



LED bulb classic E27/B22 - P 31

## LED candle classic



LED candle classic E14 - P 37

## LED luster classic



Classic LED luster E14 - P 43



CorePro LED PL-C 4-pin - P 48



MASTER LEDtube - P 54



MASTER LEDtube - P 55



MASTER LEDtube - P 56

## CorePro LED bulb



CorePro LED bulb E27/B22 - P 32



CorePro LED bulb E27/B22 - P 32-33



CorePro LED bulb E27/B22 - P 33



CorePro LED bulb E27/B22 - P 33

## CorePro LED candle



CorePro LED candle E14 - P 38



CorePro LED candle E14 - P 38

## CorePro LED luster



CorePro LED luster E14 - P 44



CorePro LED luster E14 - P 45



CorePro LED luster E27 - P 44



CorePro LED luster E27 - P 45

## CorePro LED tube



CorePro LED tube - P 57

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 and white striped blouse. They are in a professional setting, possibly a meeting or interview. The background is a plain, light-colored wall. The text 'Why choose Philips for LEDlamps' is overlaid in white on the image.

# 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](http://www.philips.com/masterledlamps).

# LED spot



**MASTER LEDspot**

**MASTER LEDspot Value**

**LED spot classic**

**CorePro LED spot**



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 / 3.1-25 W /  
3.5-35 W / 5.3-50 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 / 4.4-35 W /  
5.5-50 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



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



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 /  
8.5-75 W  
Page 20



MV R50 E14 / 4.5-40 W  
Page 22



MV PAR30S E27 /  
9.5-90 W  
Page 21



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



25D

40D

## MASTER LEDspot MV DimTone / 4-35 W



2700 - 2200



GU10



DIMMABLE



50,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



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



25D

40D

## MASTER LEDspot MV DimTone / 4.5-50 W



2700 - 2200



GU10



DIMMABLE



50,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS



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





### MASTER LEDspot MV / 4-35 W / CRI 90



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

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



### MASTER LEDspot MV / 5.4-50 W / CRI 90



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

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](http://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

A++

10 PACK

25° 40°

BEAM ANGLE

55 50 DIMENSIONS

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

A++

10 PACK

25° 40°

BEAM ANGLE

55 50 DIMENSIONS

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



# LED spot classic MV

## Spot the new classics

Our LED spot classics 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. LED spot classics 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



## LED spot classic MV / 3.1-25 W - 3.5-35 W - 5.3-50 W



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	8718696
NEW ND 3.1-25W GU10 827 36D	3.1	25	215	69	470	36	80	2700	58769000
ND 3.2-35W GU10 827 36D	3.5	35	260	72	450	36	80	2700	55120200
ND 5.3-50W GU10 827 36D	5.3	50	390	65	650	36	80	2700	55118900



## LED spot classic MV / 4.4-35 W - 5.5-50 W



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	8718696
D 4.4-35W GU10 827 36D	4.4	35	250	57	500	36	80	2700	56558200
D 4.4-35W GU10 830 36D	4.4	35	260	59	520	36	80	3000	58167400
D 5.5-50W GU10 827 36D	5.5	50	350	64	650	36	80	2700	56560500
D 5.5-50W GU10 830 36D	5.5	50	365	66	680	36	80	3000	58169800



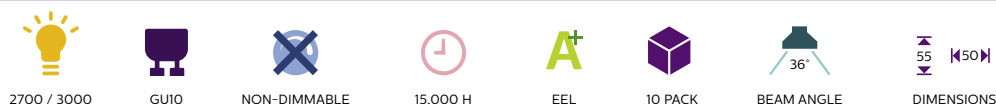
# CorePro LED spot MV

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

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



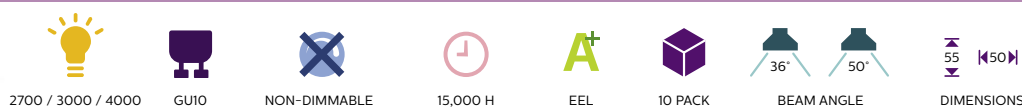
## CorePro LED spot MV / 3.5-35 W



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 LED spot 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 LED spot 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](http://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

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°



60°



DIMENSIONS

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 / 4000



GU5.3



DIMMABLE



40,000 H



EEL



10 PACK



24°



36°



DIMENSIONS

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	871869
D 8-50W 827 MR16 24D	8	50	621	78	3100	24	80	2700	448999400
D 8-50W 830 MR16 24D	8	50	621	78	3250	24	80	3000	449001300
<b>NEW</b> D 8-50W 840 MR16 24D	8	50	670	84	3350	24	80	4000	657633500
D 8-50W 827 MR16 36D	8	50	635	79	1650	36	80	2700	551536500
D 8-50W 830 MR16 36D	8	50	660	83	1700	36	80	3000	551538900
<b>NEW</b> D 8-50W 840 MR16 36D	8	50	670	84	1750	36	80	4000	657635900



# 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

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

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](http://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.



# LED spot classic LV MR16

## Spot the new classics

Our LED spot classics 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. LED spot classics 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



### LED spot classic LV MR16 / 3-20 W



2700



GU5.3



NON-DIMMABLE



15,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS

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



### LED spot classic LV MR16 / 5-35 W



2700



GU5.3



NON-DIMMABLE



15,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
CLA 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 LED spot LV MR16

CorePro LED spots 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 LED spot LV MR16 / 5.5-35 W



2700



GU5.3



NON-DIMMABLE



15,000 H



EEL



10 PACK

36°  
BEAM ANGLE48 H 50 W  
DIMENSIONS

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 LED spot LV MR16 / 8-50 W



3000 / 4000



GU5.3



NON-DIMMABLE



15,000 H



EEL



10 PACK

36° 50°  
BEAM ANGLE48 H 50 W  
DIMENSIONS

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](http://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

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**

reddot award 2016  
winner

2700 / 3000

G53

DIMMABLE

40,000 H

EEL

6 PACK

BEAM ANGLE

DIMENSIONS

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

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

reddot award 2016  
winner

2700 / 3000

G53

DIMMABLE

40,000 H

EEL

6 PACK

BEAM ANGLE

DIMENSIONS

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

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

reddot award 2016  
winner

2700

G53

DIMMABLE

40,000 H

EEL

6 PACK

BEAM ANGLE

DIMENSIONS

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](http://www.philips.com/masterledlamps) for the latest information about dimming MASTER LEDlamps and about transformer compatibility.



# MASTER LEDspot MV PAR

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

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



## MASTER LEDspot MV PAR / 5.5-50 W PAR20



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

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



## MASTER LEDspot MV PAR / 9.5-75 W PAR30S



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

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 / 8.5-75 W PAR30S



2700 / 4000  
 E27  
 DIMMABLE  
 40,000 H  
 EEL  
 6 PACK  
 BEAM ANGLE 25°  
 DIMENSIONS 93 x 92

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 8.5-75W 827 WW PAR30S 25D SO	9.5	75	720	85	2600	25	80	2700	57805600
D 8.5-75W 840 CW PAR30S 25D SO	9.5	75	800	94	2800	25	80	4000	57807000



Please refer to the site [www.philips.com/masterledlamps](http://www.philips.com/masterledlamps) for the latest information about dimming MASTER LEDlamps.



### MASTER LEDspot MV PAR / 9.5-90 W PAR30S



2700 / 4000



E27



DIMMABLE



40,000 H



EEL



6 PACK



BEAM ANGLE



DIMENSIONS

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Color temperature	EOC
<b>MASTER LEDspot MV</b>	<b>W</b>	<b>W</b>	<b>lm</b>	<b>lm/W</b>	<b>cd</b>	<b>°</b>		<b>K</b>	<b>8718696</b>
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



### 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

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



# CorePro LED spot MV R50

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

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



## CorePro LED spot MV R50 / 4.5-40 W



2700



E14



DIMMABLE



15,000 H



EEL



10 PACK



BEAM ANGLE



DIMENSIONS

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](http://www.philips.com/masterledlamps) for the latest information about dimming MASTER LEDlamps.







# LED capsule & Specials

## CorePro LED capsule & Specials



G4 / LV 1.2-10 W  
Page 26



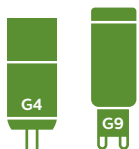
G4 / LV 2-20 W  
Page 26



G9 / MV 2.5-25 W  
Page 26



R7S / 6.5-60 W  
Page 27



# CorePro LED capsule

Our LED capsule 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 LED capsule LV / 1.2-10 W



3000



G4



NON-DIMMABLE



15,000 H



EEL



12 PACK

BEAM ANGLE  
n.a.DIMENSIONS  
39 14

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 LED capsule LV / 2-20 W



3000



G4



NON-DIMMABLE



15,000 H



EEL



12 PACK

BEAM ANGLE  
n.a.DIMENSIONS  
45 14

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 LED capsule MV / 2.5-25 W



2700



G9



NON-DIMMABLE



15,000 H



EEL



12 PACK

BEAM ANGLE  
n.a.DIMENSIONS  
53 18

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](http://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



300 BEAM ANGLE



118 22.5 DIMENSIONS

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





# LED bulb

**MASTER LEDbulb DimTone**

**LED bulb classic**

**CorePro LED bulb**



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



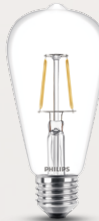
E27 / 6-40 W  
Page 32



E27/B22 / 11-75 W  
Frosted  
Page 30



E27/B22 / 15-100 W  
Frosted  
Page 30



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

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
<b>MASTER LEDbulb clear</b>	<b>W</b>	<b>W</b>	<b>lm</b>	<b>lm/W</b>			<b>K</b>	<b>8718696</b>
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

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
<b>MASTER LEDbulb clear</b>	<b>W</b>	<b>W</b>	<b>lm</b>	<b>lm/W</b>			<b>K</b>	<b>8718696</b>
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

## MASTER LEDbulb frosted / 11-75 W

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
<b>MASTER LEDbulb frosted</b>	<b>W</b>	<b>W</b>	<b>lm</b>	<b>lm/W</b>			<b>K</b>	<b>8718696</b>
DT 11-75W A67 E27 827 FR	11	75	1055	96	A67	80	2700 - 2200	55551400
DT 11-75W A67 B22 827 FR	11	75	1055	96	A67	80	2700 - 2200	55553800

## MASTER LEDbulb frosted / 15-100 W

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
<b>MASTER LEDbulb frosted</b>	<b>W</b>	<b>W</b>	<b>lm</b>	<b>lm/W</b>			<b>K</b>	<b>8718696</b>
DT 11-75W A67 E27 827 FR	15	100	1521	101	A67	80	2700 - 2200	55555200
DT 11-75W A67 B22 827 FR	15	100	1521	101	A67	80	2700 - 2200	55557600



# LED bulb classic



## LED bulb classic / 4.3-40 W



2700



E27



NON-DIMMABLE



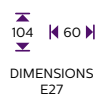
15,000 H



EEL



10 PACK



104 60 DIMENSIONS E27

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



## LED bulb classic / 7.5-60 W



2700



E27



NON-DIMMABLE



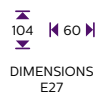
15,000 H



EEL

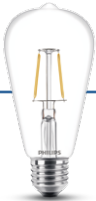


10 PACK



104 60 DIMENSIONS E27

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



## LED bulb classic / 2.3-25 W



2700



E27



NON-DIMMABLE



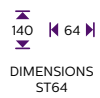
15,000 H



EEL

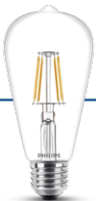


10 PACK



140 64 DIMENSIONS ST64

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



## LED bulb classic / 4.3-40 W



2700



E27



NON-DIMMABLE



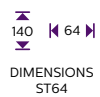
15,000 H



EEL

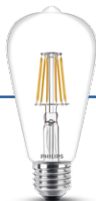


10 PACK



140 64 DIMENSIONS ST64

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



## LED bulb classic / 7.5-60 W



2700



E27



NON-DIMMABLE



15,000 H



EEL



10 PACK



140 64 DIMENSIONS ST64

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



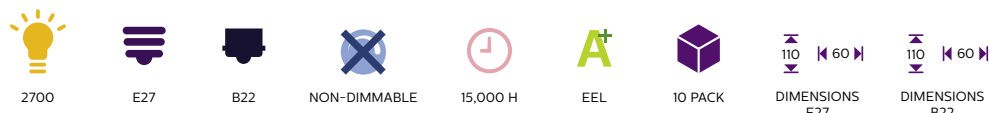
# CorePro LED bulb

CorePro LED bulbs 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 LED bulb / 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



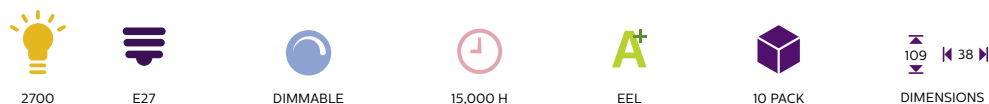
## CorePro LED bulb / 9.5-60 W



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 LED bulb / 6-40 W

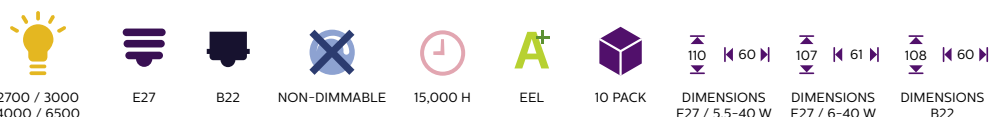


Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
D 6-40W 827 E27	6	40	470	78	A60	80	2700	47881300



2700 K 4000 K    3000 K 6500 K

## CorePro LED bulb / 5.5-40 W - 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 LED bulb / 9-60 W

2700 / 3000  
4000 / 6500

E27



B22



NON-DIMMABLE



15,000 H



EEL



10 PACK

DIMENSIONS  
E27DIMENSIONS  
B22

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 LED bulb / 11-75 W

2700 / 3000  
4000 / 6500

E27



B22



NON-DIMMABLE



15,000 H



EEL



10 PACK

DIMENSIONS  
E27DIMENSIONS  
B22

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 LED bulb / 9.5-60 W - 11.5-75 W



2700



E27



DIMMABLE



15,000 H



EEL



10 PACK

DIMENSIONS  
E27

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 LED bulb / 13.5-100 W



2700 / 4000



E27



B22



NON-DIMMABLE



15,000 H



EEL



10 PACK

DIMENSIONS  
E27DIMENSIONS  
B22

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 LED bulb / 16-100 W



2700



E27



DIMMABLE



15,000 H



EEL



10 PACK

DIMENSIONS  
E27

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

# LED candle
















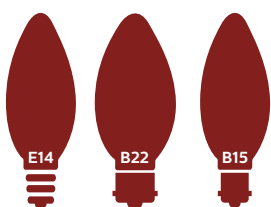


**MASTER LEDcandle DimTone**

**LED candle classic**

**CorePro LED candle**

 <p><b>E14 / 4-25 W</b> Page 36</p>	 <p><b>E14 / 4-25 W</b> Page 36</p>	 <p><b>E14 / 2.3-25 W</b> Page 37</p>	 <p><b>E14 / 2.3-25 W</b> Page 37</p>	 <p><b>E14 / 4-25 W</b> Page 38</p>	 <p><b>E14 / 3.5-4-25 W</b> Page 38</p>
 <p><b>E14 / 6-40 W</b> Page 36</p>	 <p><b>E14 / 6-40 W</b> Page 36</p>	 <p><b>E14 / 2.3-25 W</b> Page 37</p>		 <p><b>E14 / 5.5-40 W</b> Page 38</p>	 <p><b>E14 / 5.5-40 W</b> Page 38</p>
 <p><b>B22 / 6-40 W</b> Page 36</p>	 <p><b>NEW</b> <b>B15 / 6-40 W</b> Page 36</p>				



# 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 LED classic - 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



DimTone  
 2700-2200  
 E14  
 DIMMABLE  
 25,000 H  
 EEL  
 10 PACK  
 DIMENSIONS B38  
 DIMENSIONS BA38

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
<b>MASTER LEDcandle</b>	<b>W</b>	<b>W</b>	<b>lm</b>	<b>lm/W</b>			<b>K</b>	<b>8718696</b>
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



DimTone  
 2700-2200  
 E27  
 E14  
 DIMMABLE  
 25,000 H  
 EEL  
 10 PACK  
 DIMENSIONS B38  
 DIMENSIONS BA38

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
<b>MASTER LEDcandle</b>	<b>W</b>	<b>W</b>	<b>lm</b>	<b>lm/W</b>			<b>K</b>	<b>8718696</b>
DT 6-40W E27 B38 CL	6	40	470	75	B38	80	2700-2200	47479200
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

DimTone  
 2700-2200  
 B22  
 B15  
 DIMMABLE  
 25,000 H  
 EEL  
 10 PACK  
 DIMENSIONS

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
<b>MASTER LEDcandle</b>	<b>W</b>	<b>W</b>	<b>lm</b>	<b>lm/W</b>			<b>K</b>	<b>8718696</b>
DT 6-40W B22 827 B38 CL	6	40	470	78	B38	80	2700-2200	45362900
<b>NEW</b> DT 6-40W B38 827 B15 CL	6	40	470	78	B38	80	2700-2200	55601600



Please refer to the site [www.philips.com/masterledlamps](http://www.philips.com/masterledlamps) for the latest information about dimming MASTER LEDlamps.



# LED candle classic



## LED candle classic / 2.3-25 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



97 35 DIMENSIONS

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



## LED candle classic / 2.3-25 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



123 35 DIMENSIONS

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



## LED candle classic / 2.3-25 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



97 35 DIMENSIONS

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CLA 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 LED candle

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

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



## CorePro LED candle clear / 4-25 W



reddot award 2016 winner



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



106 35

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 LED candle clear / 5.5-40 W



reddot award 2016 winner



2700 / 4000



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



106 35

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 LED candle frosted / 3.5-4-25 W



2700 / 4000



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



106 35

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 LED candle frosted / 5.5-40 W



2700 / 4000



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



106 35

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







# LED luster

## MASTER LEDluster 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

## LED luster classic



E14 / 2.3-25 W  
Page 43



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

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

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

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

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](http://www.philips.com/masterledlamps) for the latest information about dimming MASTER LEDlamps.



# LED luster classic



## LED luster classic / 2.3-25 W



2700



E14



NON-DIMMABLE



15,000 H



EEL



10 PACK



DIMENSIONS

Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Color temperature	EOC
CLA 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 LED luster

The CorePro LED luster is designed for retrofit replacement of incandescent lamps.

- Non-Dimmable
- Huge energy savings



## CorePro LED luster clear / 4-25 W



2700



E14



E27



NON-DIMMABLE



15,000 H



EEL



10 PACK

DIMENSIONS  
E14DIMENSIONS  
E27

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 LED luster clear / 5.5-40 W



2700 / 4000



E14



E27



NON-DIMMABLE



15,000 H



EEL












10 PACK

DIMENSIONS  
E14DIMENSIONS  
E27

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 LED luster frosted / 3.5-4-25 W

 2700 / 4000    
  E14    
  E27    
  NON-DIMMABLE    
  15,000 H    
  EEL    
  10 PACK    
  DIMENSIONS E14    
  DIMENSIONS E27

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 LED luster frosted / 5.5-40 W

 2700 / 4000    
  E14    
  E27    
  NON-DIMMABLE    
  15,000 H    
  EEL    
  10 PACK    
  DIMENSIONS E14    
  DIMENSIONS E27

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



G24d-2



G24d-3



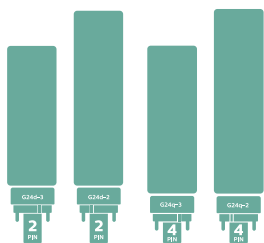
G24q-2



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



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



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



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





# Downsize your downlighting costs **with LED**



G24d-2

G24d-3

G24q-2

G24q-3

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.

# LED tube

HO NORD TLP PROJECT



**MASTER LEDtube**

**CorePro LED tube**



EM

HF

Standard output

Standard output  
Page 54



NEW

CorePro  
Page 57



EM

HF

High output

High Output  
Page 54



EM

HF

NEW

Ultra output

Ultra Output  
Page 55

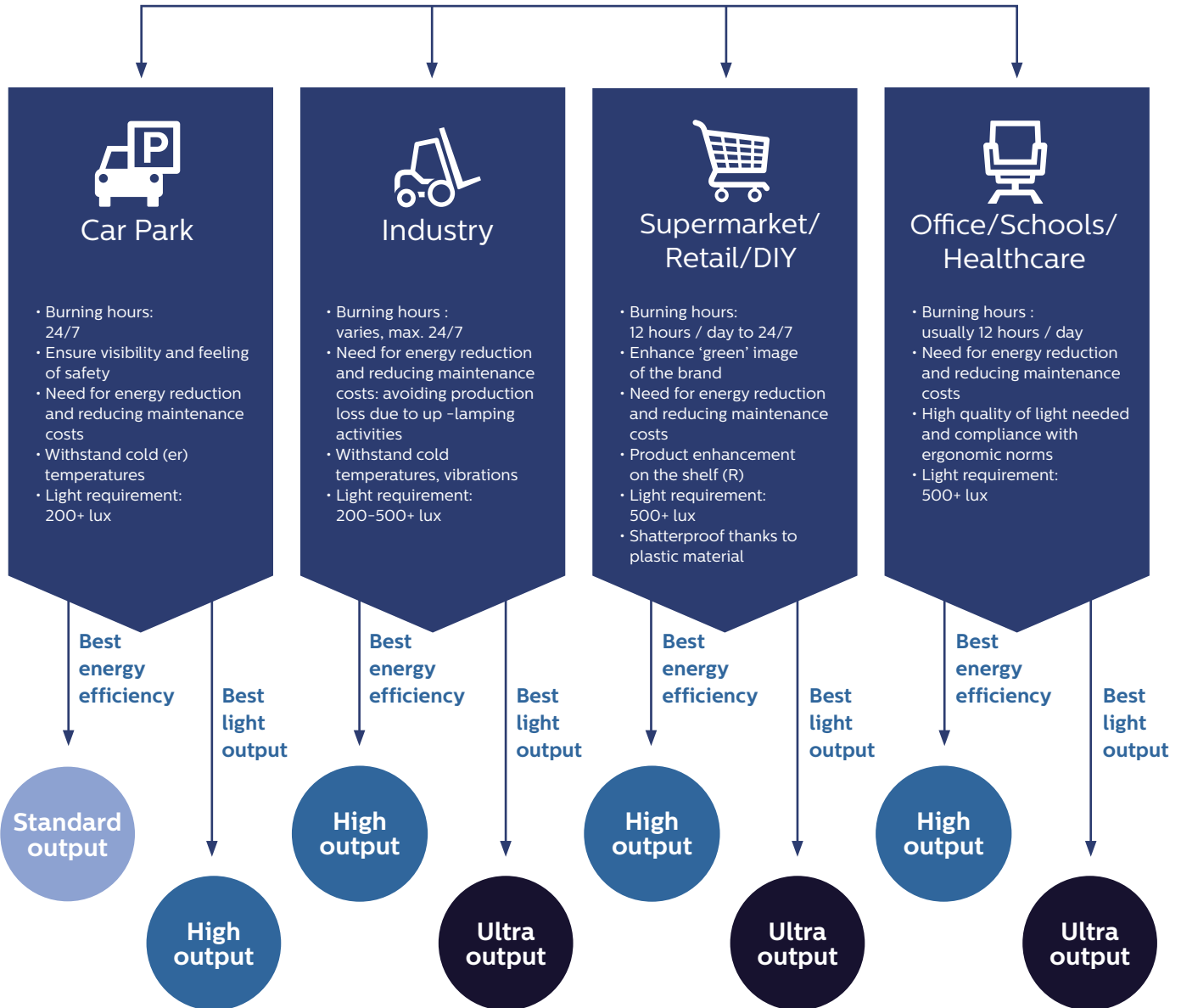




Works with  
Electro Magnetic ballast (EM)



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 LED tubes 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 LED tube 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.



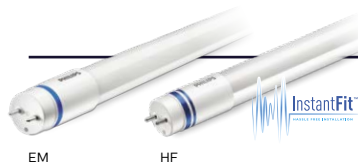
**InstantFit HF compatibility.** No wires to replace, no hassle changing drivers; our InstantFit solution works with High Frequency electronic ballast, making it easy and safe for all installation methods. All you have to do is slot the tube into your existing fitting.



Product type	LED	Rotatable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*	
<b>EM</b> MASTER LEDtube (EM)	W		lm		°		K	8718291	
1200mm	14.5	Yes	1600	EM & Mains	160	83	4000	79308300	
1200mm	14.5	Yes	1600	EM & Mains	160	83	6500	79310600	
1500mm	20	Yes	2000	EM & Mains	160	83	4000	73451200	
1500mm	20	Yes	2000	EM & Mains	160	83	6500	73453600	
<b>HF</b> MASTER LEDtube (HF)	W		lm		°		K	8718291	8718696
1200mm InstantFit	16.5	Yes	1600	HF	160	83	4000	72885600	
1200mm InstantFit	16.5	Yes	1600	HF	160	83	6500	72887000	
1500mm InstantFit	22	Yes	2000	HF	160	83	4000		40078400
1500mm InstantFit	22	Yes	2000	HF	160	83	6500		40080700



Product type	LED	Rotatable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*	
<b>EM</b> MASTER LEDtube (EM)	W		lm		°		K	8718696	8718291
1200mm	18	Yes	1900	EM & Mains	160	83	3000	42198700	
1200mm	18	Yes	2100	EM & Mains	160	83	4000	42200700	
1200mm	18	Yes	2100	EM & Mains	160	83	6500	42202100	
1500mm	23	Yes	2900	EM & Mains	160	83	3000		78956700
1500mm	23	Yes	3100	EM & Mains	160	83	4000		78958100
1500mm	23	Yes	3100	EM & Mains	160	83	6500		78960400
<b>HF</b> MASTER LEDtube (HF)	W		lm		°		K	8718696	
1200mm InstantFit	18	Yes	2000	HF	160	83	3000	51456600	
1200mm InstantFit	18	Yes	2100	HF	160	83	4000	47125800	
1200mm InstantFit	18	Yes	2100	HF	160	83	6500	47127200	
1500mm InstantFit	25	Yes	2900	HF	160	83	3000	51458000	
1500mm InstantFit	25	Yes	3100	HF	160	83	4000	40886500	
1500mm InstantFit	25	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



DIMENSIONS

Product type	LED	Rotatable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*	
<b>EM</b> MASTER LEDtube (EM)	W		lm		°		K	8718696	
1200mm UO	20	Yes	2300	EM & Mains	150	83	3000	46149500	
1200mm UO	20	Yes	2500	EM & Mains	150	83	4000	46151800	
1200mm UO	20	Yes	2500	EM & Mains	150	83	6500	46155600	
1500mm UO	25	Yes	3400	EM & Mains	150	83	3000	46157000	
1500mm UO	25	Yes	3700	EM & Mains	150	83	4000	46159400	
1500mm UO	25	Yes	3700	EM & Mains	150	83	6500	46163100	
<b>HF</b> MASTER LEDtube (HF)	W		lm		°		K	8718696 (RN*)	8718696 (RS*)
<b>NEW</b> 1200mm UO 830 T8	18	Yes	2300	HF	160	83	3000	56527800	46149500
<b>NEW</b> 1200mm UO 840 T8	18	Yes	2500	HF	160	83	4000	56529200	46151800
<b>NEW</b> 1200mm UO 865 T8	18	Yes	2500	HF	160	83	6500	56531500	46155600
1500mm UO	26	Yes	3400	HF	160	83	3000	55288900	
1500mm UO	26	Yes	3700	HF	160	83	4000	55284100	
1500mm UO	26	Yes	3700	HF	160	83	6500	55286500	



### Protection starter

34.5  
21.5  
DIMENSIONS

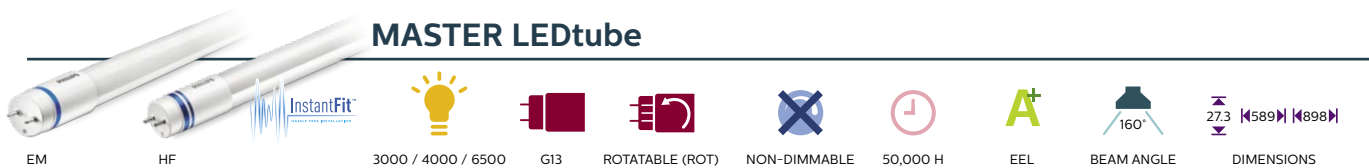
Product type	EOC 10 pcs (I)
Accessory	8718291
Starter EMP	72928000



Please refer to the site [www.philips.com/masterledlamps](http://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.





Product type	LED	Rotatable endcap	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*	
<b>EM</b> MASTER LEDtube (EM)	W		lm		°		K	8718696 (RN*)	8718696 (RS*)
<b>NEW</b> 600mm	9	Yes	1000	EM & Mains	160	83	3000	57279500	46141900
<b>NEW</b> 600mm	9	Yes	1050	EM & Mains	160	83	4000	57281800	46143300
<b>NEW</b> 600mm	9	Yes	1050	EM & Mains	160	83	6500	57283200	46145700
Master LEDtube (EM)	W		lm		°		K	8718696 (RN*)	8718291 (RS*)
900mm	15	Yes	1575	EM & Mains	160	80	4000	47121000	23880500
900mm	15	Yes	1575	EM & Mains	160	80	6500	47123400	23882900
1800mm	25	Yes	3700	EM & Mains	160	85	4000	48037300	
<b>HF</b> MASTER LEDtube (HF)	W		lm		°		K	87186965	
<b>NEW</b> 600mm 830 T8	10.5	Yes	1000	HF	160	83	3000	5965900	
<b>NEW</b> 600mm 840 T8	10.5	Yes	1050	HF	160	83	4000	5967300	
<b>NEW</b> 600mm 865 T8	10.5	Yes	1500	HF	160	83	6500	5969700	



### 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](http://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 LED tube

CorePro LED tubes 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 LED tubes offer low energy consumption with instant savings. Perfect for basic applications that demand an affordable solution.



## CorePro LED tube



4000 / 6500



G13



NON-DIMMABLE

FRAGILE  
600 - 1200 mm

30,000 H



600 mm



EEL



BEAM ANGLE



BEAM ANGLE



DIMENSIONS

Product type	LED	Lumen output	Operation	Beam angle	CRI	Color temperature	EOC 1 pcs (C)*
CorePro LEDtube	W	lm		°		K	8718696
600mm 9W840 C Glass	8	800	EM & Mains	240	80	4000	49277200
600mm 9W865 C Glass	8	800	EM & Mains	240	80	6500	49279600
1200mm 16W840 C Glass	16	1600	EM & Mains	240	80	6500	49281900
1200mm 16W865 C Glass	16	1600	EM & Mains	240	80	4000	49283300
<b>NEW</b> 1500mm 20W840 C Glass	20	1600	EM & Mains	240	80	4000	56608400
<b>NEW</b> 1500mm 20W865 C Glass	20	1600	EM & Mains	240	80	6500	56610700

\*) incl. EMP



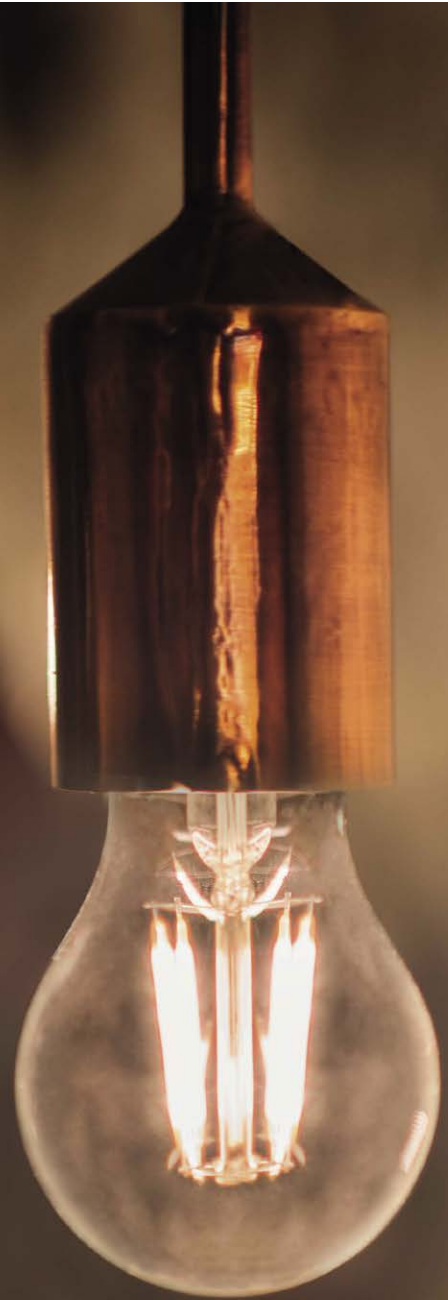
## Protection starter

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



## LED lamps classic portfolio looks like incandescent saves like LED

Philips LED classic 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 Philips LED classic 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.



Philips MASTER LEDspot LV AR111

# 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



2200 K 2700 K

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

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



# The right LED tube 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](http://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](http://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

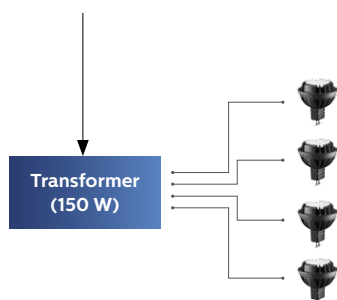
20% of Transformer rating  
(20% x 150 W = 30 W)

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'

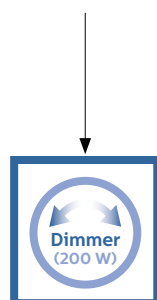
Dimmer Rating  
(300 W)

Transformer Wattage (150 W)

=

System Max (2)

2 transformers per dimmer



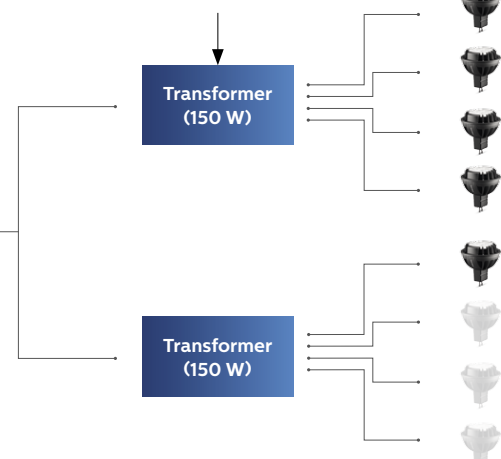
20% of Transformer rating  
(20% x 150 W = 30 W)

LED Wattage (7 W)

=

Branch Max (4.3)

4 lamps per transformer



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



Please refer to the site [www.philips.com/masterledlamps](http://www.philips.com/masterledlamps) for the latest information about transformer compatibility.

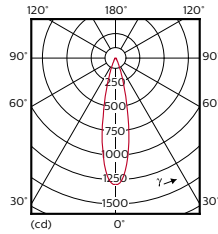
# Photometric diagrams

This is a selection of the photometric diagram visualisations.

Please visit [www.philips.com/masterledlamps](http://www.philips.com/masterledlamps) for photometric .ies files of all current products.



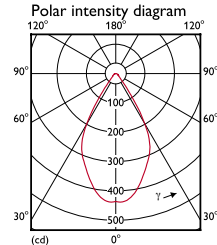
MASTER LEDspot MV  
Page 8



4-35W GU10 2700K 25D



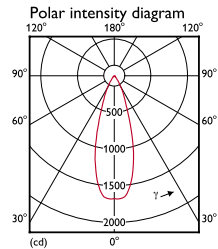
CorePro LED spot MV  
Page 11



5-50W GU10 2700K 36D



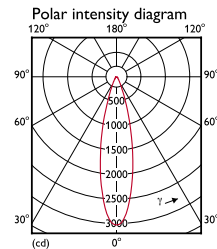
MASTER LEDspot LV  
Page 13



8-50W MR16 2700K 24D



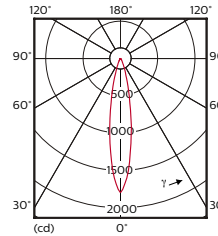
MASTER LEDspot AR111  
Page 19



15-75W AR111 2700K 40D



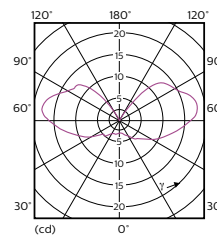
MASTER LEDspot MV PAR  
Page 20



5.5-50W PAR 20 2700K 25D



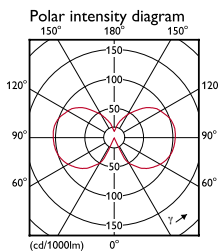
CorePro LEDcapsule  
Page 26



1.2-10W G4 2700K



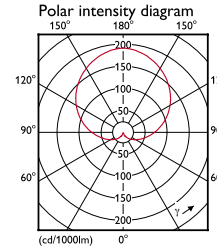
MASTER LEDbulb  
Page 31



13-75W E27 2700K



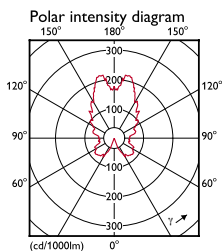
CorePro LED bulb  
Page 32



6-40W E27 2700K



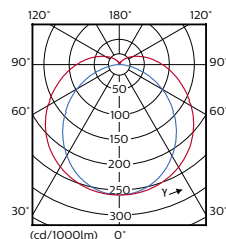
MASTER LED candle  
DimTone  
Page 36



6-40W E14 2700K



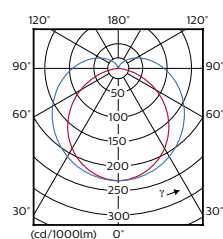
MASTER LEDtube  
Ultra output  
Page 55



18W G13 6500K



CorePro LED tube  
Page 56



10W G13 6500K



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[www.philips.com/ledtube](http://www.philips.com/ledtube)

05/2016