



PHILIPS

LEDlamps

The complete
portfolio



LED can
work for you

Professional LEDlamps catalogue

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Professional LEDlamps

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LEDspot



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MASTER LEDspot MV

With our LEDspots Mains Voltage you can enjoy bright, energising 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 colour presentation (for retail applications).

- CRI90 - see page 41
- DimTone: the more you dim the warmer the light - see page 39
- High Performance Dimming - see page 42
- Longest lifetime
- Superior light quality
- Maximum energy savings
- Delivers committed lifetime in application



MASTER LEDspot MV DimTone / 4-35 W



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

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



MASTER LEDspot MV DimTone / 4.5-50 W



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

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Colour 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 25° 40°
 DIMENSIONS 57 150
 89%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Colour 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 25° 40°
 DIMENSIONS 57 150
 89%

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



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



MASTER LEDspot MV Value

Quality, VALUE and lifetime

You've got it in one with the new range of MASTER LEDspot Value lamps. Designed with a 40D beam angle for general lighting applications in retail and hospitality, they offer high quality at an affordable price. With a choice of three colour temperatures, dimmable options, and a reliable lifetime, it's everything you value in LED.

- New MASTER Value range - see page 41
- High Performance Dimming - see page 42
- Long lifetime
- Superior light quality
- Maximum energy savings



MASTER LEDspot MV Value / 3.5-35 W



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



MASTER LEDspot MV Value / 4.3-50 W



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



CorePro LEDspot MV

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

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



CorePro LEDspot MV / 3.5-35 W



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



CorePro LEDspot MV / 5-50 W



Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Colour temperature	EOC	EOC
CorePro LEDspot MV	W	W	lm	lm/W	cd	°		K	8718696	8718291
5-50W GU10 827 36D	4.5	50	350	70	900	36	80	2700	48598900	
5-50W GU10 830 36D	4.5	50	350	70	900	36	80	3000	48600900	

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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 42
- DimTone: the more you dim the warmer the light - see page 39
- Dimmable
- Long lifetime
- Compatible with most commonly available halogen transformers. Exclusively suited for electronic transformers



MASTER LEDspot LV MR16 / 6.5-35 W DimTone



2700-2200 GU5.3 DIMMABLE 25,000 H EEL 10 PACK BEAM ANGLE 24° 36° DIMENSIONS 51 51 81%

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



MASTER LEDspot LV MR16 / 7-35 W



2700 / 3000 / 4000 GU5.3 DIMMABLE 40,000 H EEL 10 PACK BEAM ANGLE 24° 36° DIMENSIONS 51 51 80%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Colour 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



MASTER LEDspot LV MR16 / 8-50 W



2700 / 3000 GU5.3 DIMMABLE 40,000 H EEL 10 PACK BEAM ANGLE 24° 36° DIMENSIONS 55 51 84%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Colour 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 24D 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 colour temperatures, dimmable options, and a reliable lifetime, it's everything you value in LED.

- AirFlux
- TransforMax (excluding 20 W) - see page 42
- 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 24° 36° DIMENSIONS 54 50 83%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Colour 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 24° 36° DIMENSIONS 51 51 82%

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

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MASTER LEDspot LV MR11

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

- TransforMax - see page 42
- Long lifetime
- Clearly defined beam spread
- Compatible with most commonly available halogen transformers. Exclusively suited for electronic transformers



MASTER LEDspot LV MR11 / 3.5-20 W



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



MASTER LEDspot LV AR111

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

- TransforMax - see page 42
- Dimmable
- Long lifetime



MASTER LEDspot LV AR111 / 11-50 W



Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Colour 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



Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Colour 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



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, energising 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

airflux TECHNOLOGY

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

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Colour 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

airflux TECHNOLOGY

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

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



MASTER LEDspot MV PAR / 13-100 W PAR38

airflux TECHNOLOGY

2700 E27 DIMMABLE 40,000 H (indoor) 20,000 H (outdoor) EEL 6 PACK BEAM ANGLE 25° DIMENSIONS 132 x 124 mm 87%

Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Colour 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



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

LEDcapsule

CorePro LEDcapsule



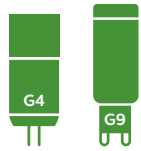
G9 / MV 2.5-25 W
Page 18



G4 / LV 1.2-10 W
Page 18



G4 / LV 2-20 W
Page 18



CorePro LEDcapsule LV

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

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



CorePro LEDcapsule LV / 1.2-10 W



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



CorePro LEDcapsule LV / 2-20 W



Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Colour 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



Product type	LED	Traditional	Lumen output	Efficacy	Beam intensity	Beam angle	CRI	Colour 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.



LEDbulb

MASTER LEDbulb DimTone		CorePro LEDbulb	
			
E27/B22 / 6-40 W Clear Page 22	E27/B22 / 9-60 W Clear Page 22	E27/B22 / 6-40 W Page 23	E27/B22 / 9-60 W Page 23
			
		E27 / 11-75 W Page 23	E27/B22 / 13.5-100 W Page 23



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.

- DimTone: the more you dim the warmer the light - see page 39
- High Performance Dimming - see page 42
- Longest lifetime
- Superior light quality
- Maximum energy savings



MASTER LEDbulb clear / 6-40 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour 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



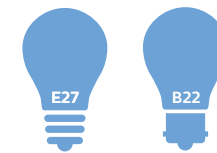
MASTER LEDbulb clear / 9-60 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour 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.



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



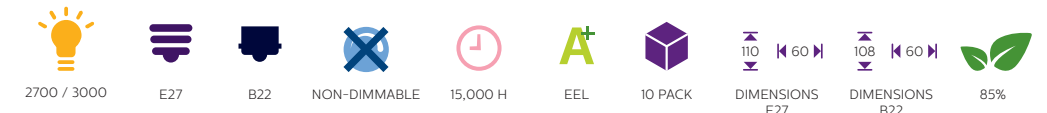
CorePro LEDbulb / 6-40 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour 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



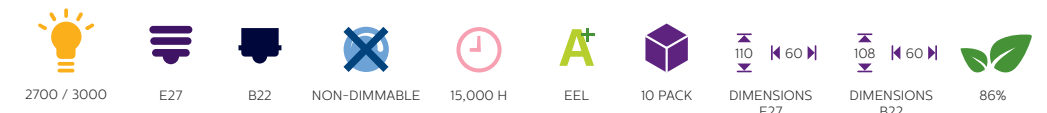
CorePro LEDbulb / 9-60 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour 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



CorePro LEDbulb / 11-75 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
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 / 13.5-100 W

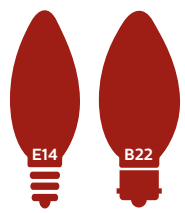


Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour temperature	EOC
CorePro LEDbulb	W	W	lm	lm/W			K	8718696
13.5-100W 827 E27	13.5	100	1521	112	A60	80	2700	49074700
13.5-100W 827 B22	13.5	100	1521	112	A60	80	2700	51002500

LEDcandle



MASTER LEDcandle DimTone		MASTER LEDcandle
		
E14 / 4-25 W Page 26	E14 / 4-25 W Page 26	B15 / 6-40 W Page 27
		
E14 / 6-40 W Page 26	E14 / 6-40 W Page 26	B22 / 6-40 W Page 26



MASTER LEDcandle

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

- DimTone: the more you dim the warmer the light - see page 39
- Unique, eye-catching lens design
- Huge energy savings



MASTER LEDcandle DimTone / 4-25 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour 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	Colour 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



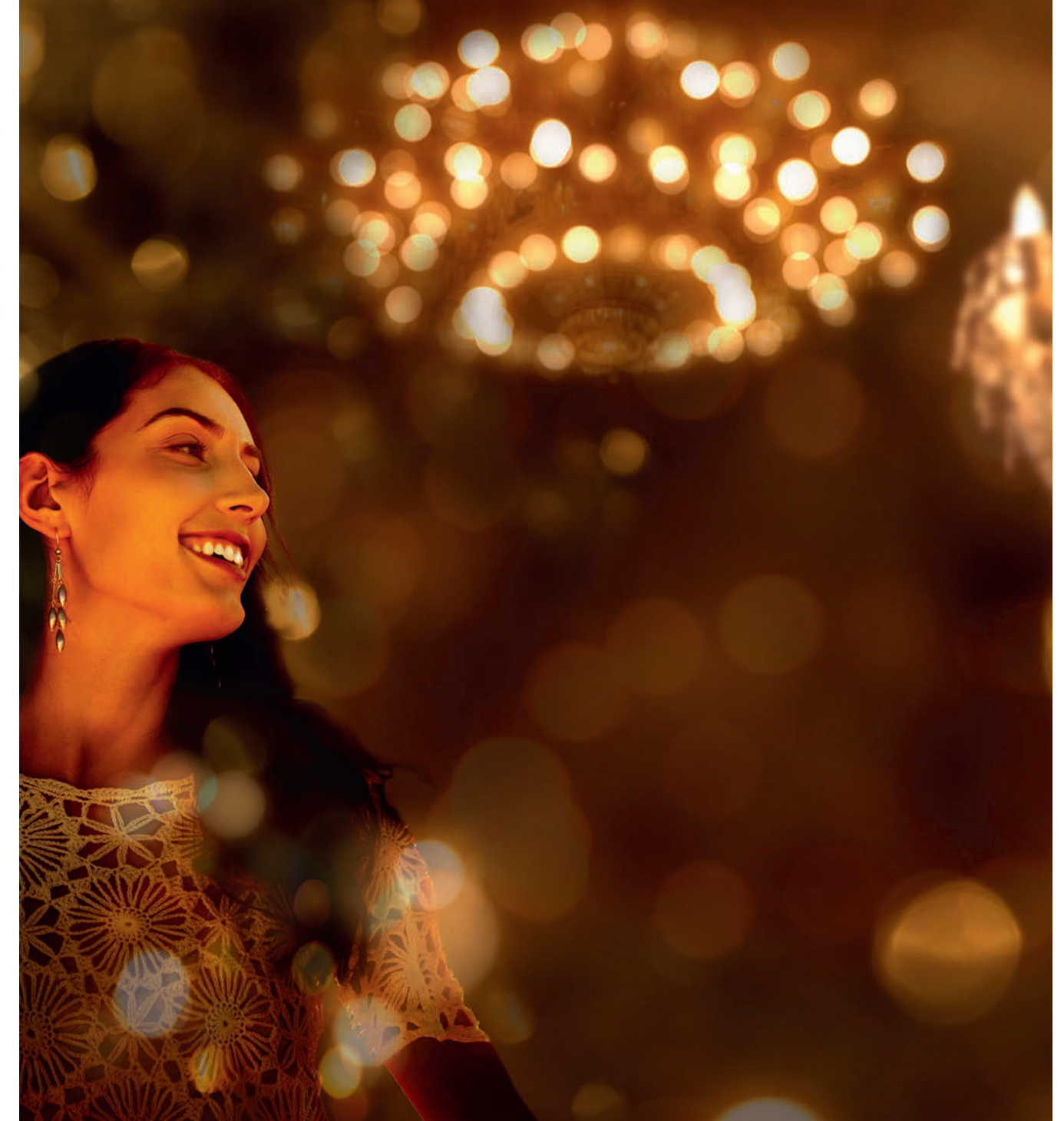
Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour temperature	EOC
MASTER LEDcandle	W	W	lm	lm/W			K	8718696
DT 6-40W B22 827 B38 CL	6	40	470	78	B38	80	2700	45362900



MASTER LEDcandle DiamondSpark / 6-40 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour temperature	EOC
MASTER LEDcandle	W	W	lm	lm/W			K	8718696
DT 6-40W B15 827 B38 CL	6	40	470	78	B39	80	2700	179346500



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

LEDluster

MASTER LEDluster DimTone



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E14 / 6-40 W
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E27 / 4-25 W
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E27 / 6-40 W
Page 30



MASTER LEDluster

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

- DimTone: the more you dim the warmer the light - see page 39
- Unique, eye-catching lens design
- Huge energy savings



MASTER LEDluster DimTone / 4-25 W



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour 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



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour 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



Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour 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












Product type	LED	Traditional	Lumen output	Efficacy	Bulb shape	CRI	Colour 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



LEDtube

HO NORD TLP PROJECT

2X 2 TON

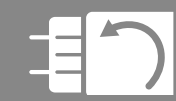
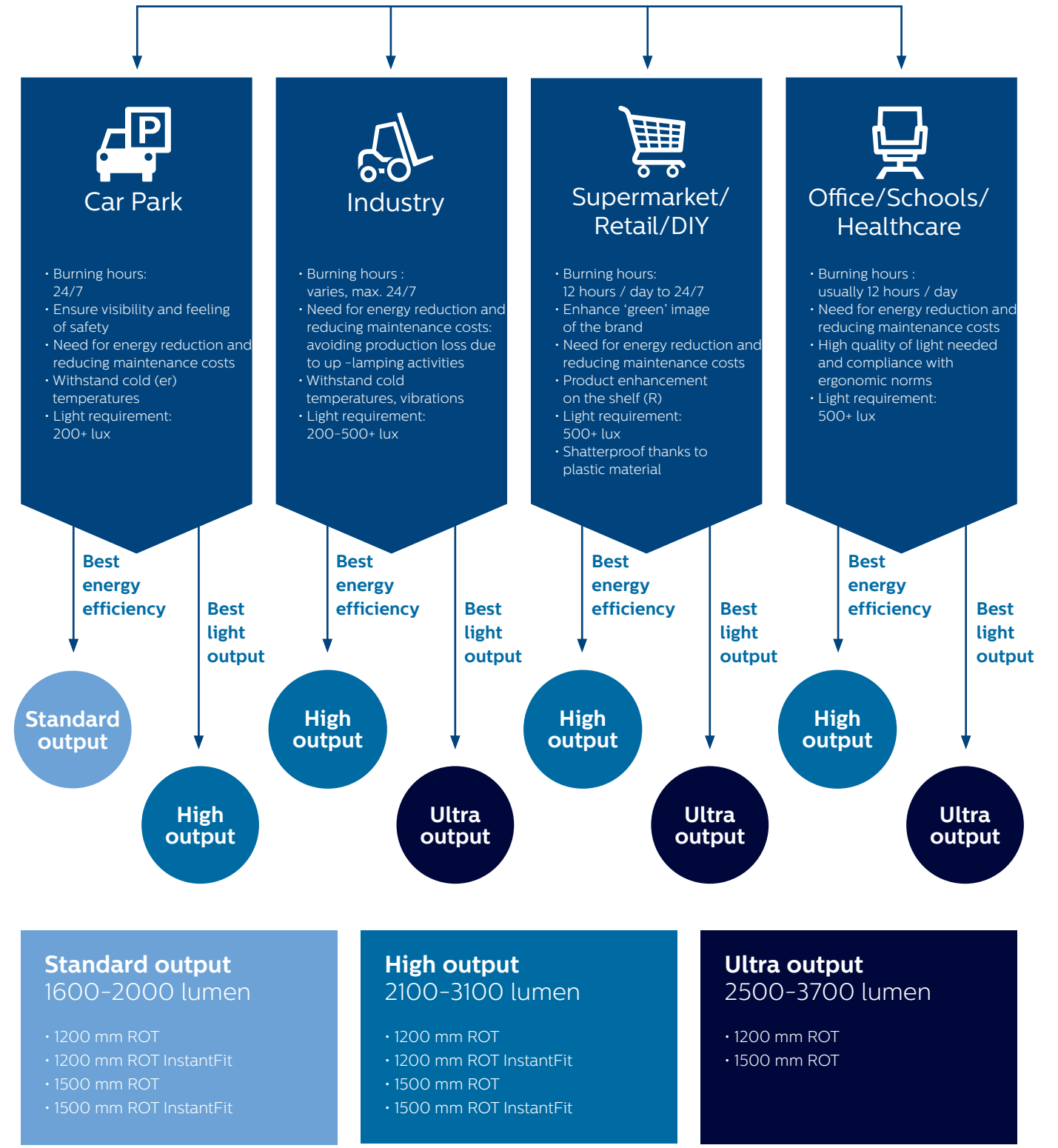
MASTER LEDtube		CorePro LEDtube	
			
EM	HF	Standard output	CorePro
Standard output Page 36		Page 38	
			
EM	HF	High output	
High Output Page 36			
			
EM		Ultra output	
Ultra Output Page 37			



Works with
Electro Magnetic ballast (EM)



Works with
High Frequency ballast (HF)



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. It has 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 colour temperatures, with the option of rotating. So with Philips, you always have the right LEDtube every time.



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

MASTER LEDtube Standard Output



Product type	LED	Traditional	Rotable endcap	Lumen output	Operation	Beam angle	CRI	Colour temperature	EOC 1 pcs (C)*	
EM MASTER LEDtube (EM)	W	W		lm		*		K	8718291	
1200mm ROT	14.5	36	Yes	1600	EM & Mains	160	83	4000	79308300	
1200mm ROT	14.5	36	Yes	1600	EM & Mains	160	83	6500	79310600	
NEW 1500mm ROT	20	36	Yes	2000	EM & Mains	160	83	4000	73451200	
1500mm	20	58	No	2000	EM & Mains	160	83	6500	73453600	
HF MASTER LEDtube (HF)	W	W		lm		*		K	8718291	8718696
NEW 1200mm ROT InstantFit RS	16.5	36	Yes	1600	HF	160	83	4000	72885600	
1200mm InstantFit RS	16.5	36	No	1600	HF	160	83	6500	72887000	
NEW 1200mm ROT InstantFit RN	16.5	36	Yes	1600	HF	160	83	4000		40890200
NEW 1200mm ROT InstantFit RN	16.5	36	Yes	1600	HF	160	83	6500		40892600
1500mm ROT InstantFit	22	58	Yes	2000	HF	160	83	4000	40078400	
1500mm ROT InstantFit	22	58	Yes	2000	HF	160	83	6500	40080700	

MASTER LEDtube High Output



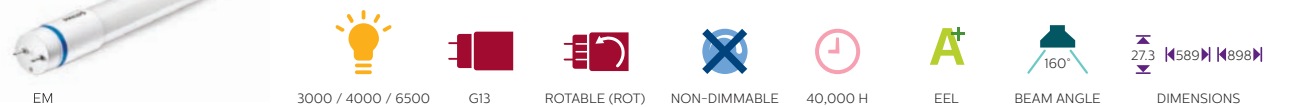
Product type	LED	Traditional	Rotable endcap	Lumen output	Operation	Beam angle	CRI	Colour temperature	EOC 1 pcs (C)*	
EM MASTER LEDtube (EM)	W	W		lm		*		K	8718696	8718291
1200mm ROT	20	36	Yes	1900	EM & Mains	160	83	3000	42198700	
1200mm ROT	18	36	Yes	2100	EM & Mains	160	83	4000	42200700	
1200mm ROT	18	36	Yes	2100	EM & Mains	160	83	6500	42202100	
1500mm ROT	23	58	Yes	2900	EM & Mains	160	83	3000		78956700
1500mm ROT	23	58	Yes	3100	EM & Mains	160	83	4000		78958100
1500mm ROT	23	58	Yes	3100	EM & Mains	160	83	6500		78960400
HF MASTER LEDtube (HF)	W	W		lm		*		K	8718696	8718292
1200mm HO InstantFit	18	36	Yes	2000	HF	160	83	3000	51456600	
1200mm ROT InstantFit	18	36	Yes	2100	HF	160	83	4000	47125800	
1200mm ROT InstantFit	18	36	Yes	2100	HF	160	83	6500	47127200	
NEW 1500mm ROT InstantFit	25	58	Yes	2900	HF	160	83	3000	51458000	
1500mm ROT InstantFit	25	58	Yes	3100	HF	160	83	4000		40886500
1500mm ROT InstantFit	25	58	Yes	3100	HF	160	83	6500		40888900

MASTER LEDtube Ultra Output



Product type	LED	Traditional	Rotable endcap	Lumen output	Operation	Beam angle	CRI	Colour temperature	EOC 1 pcs (C)*
EM 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



Product type	LED	Traditional	Rotable endcap	Lumen output	Operation	Beam angle	CRI	Colour temperature	EOC 1 pcs (C)*	
EM MASTER LEDtube (EM)	W	W		lm		*		K	8718696	8718291
600mm series ROT	10	18	Yes	1000	EM & Mains	160	83	3000	46143300	
600mm series ROT	10	18	Yes	1050	EM & Mains	160	83	4000	46141900	
600mm series ROT	10	18	Yes	1050	EM & Mains	160	83	6500	46145700	
900mm 15W840 T8C RS *)	15	30	Yes	1575	EM & Mains	160	80	4000		23880500
900mm 15W840 T8C RN *)	15	30	Yes	1575	EM & Mains	160	80	4000	47121000	
900mm 15W865 T8C RS *)	15	30	Yes	1575	EM & Mains	160	80	6500		23882900
900mm 15W865 T8C RN *)	15	30	Yes	1575	EM & Mains	160	80	6500	47123400	
1800mm ROT	25	58	Yes	3700	EM & Mains	160	83	4000	48037300	

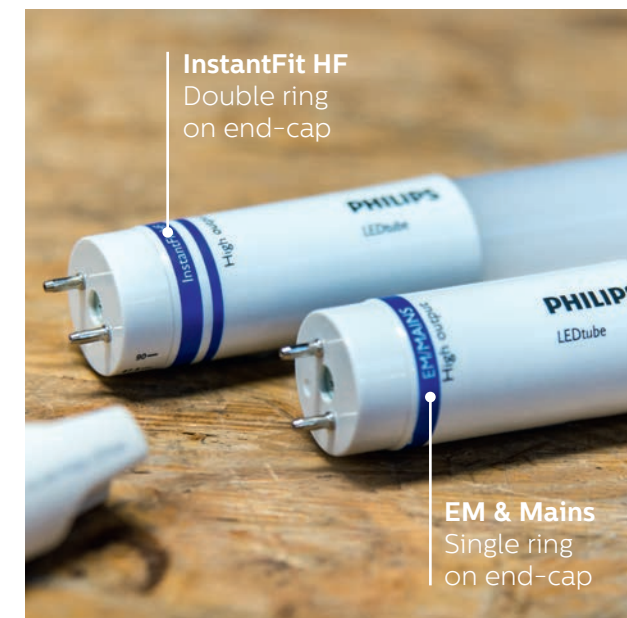


Protection starter

Product type	EOC 10 pcs (I)
Starter EMP	29172928000

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

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





CorePro LEDtube

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



Product type	LED	Traditional	Lumen output	Operation	Beam angle	CRI	Colour temperature	EOC 1 pcs (C)*
CorePro LEDtube	W	W	lm		°		K	
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 20W 840	20	58	2000	EM & Mains	140	80	4000	42794100
1500mm 20W 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

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 colours as they are. Which makes Philips MASTER LEDspot LV AR111 lighting the perfect choice. With its high Colour Rendering Index of 90, enhanced red colour makes objects more vivid. Colours 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

colours in merchandise. With excellent rendering of CRI90, enhancing red, colours 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 colour 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, cosy 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 colour temperatures, with the option of rotating end-caps. So with Philips, you always have the right LEDtube every time.

Spot on for colour enhancement



With a high colour 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 colours in merchandise for an extra-long lifetime of 50,000 hours. Choose 4-35 W or 5.4-50 W in three colour 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 24, 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 colour 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 GUI0 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.

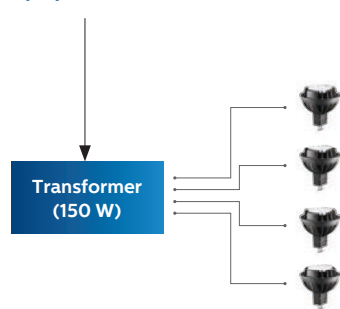
Without dimmer

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

LED Wattage (7 W)

Branch Max (4.3)

4 lamps per transformer

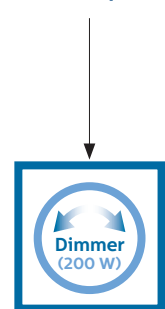


Dimmer Rating
(300 W)

Transformer Wattage (150 W)

System Max (2)

2 transformers per dimmer

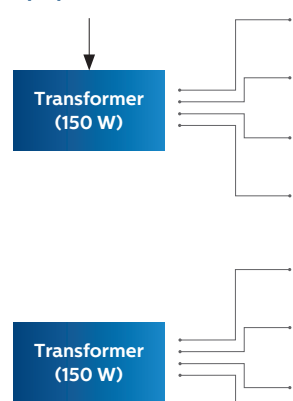


20% of Transformer rating
(20% x 150 W = 30 W)

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



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

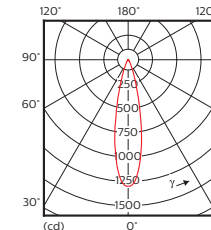
Photometric diagrams

This is a selection of the photometric diagram visualisations.

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



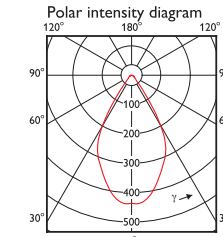
MASTER LEDspot MV
Page 16



4-35W GU10 2700K 25D



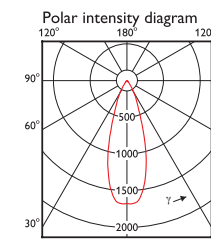
CorePro LEDspot MV
Page 19



5-50W GU10 2700K 36D



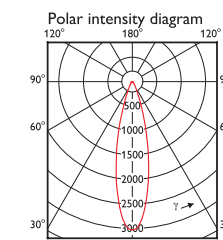
MASTER LEDspot LV
Page 21



8-50W MR16 2700K 24D



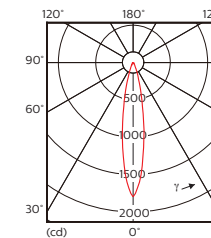
MASTER LEDspot AR111
Page 27



15-75W AR111 2700K 40D



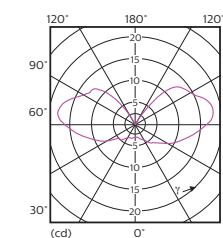
MASTER LEDspot MV PAR
Page 28



5.5-50W PAR 20 2700K 25D



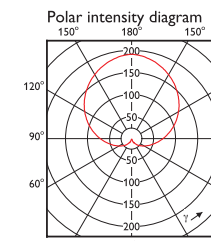
CorePro LEDcapsule
Page 34



1.2-10W G4 2700K



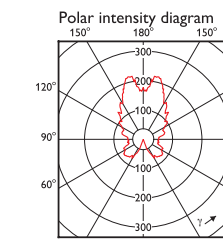
CorePro LEDbulb
Page 40



6-40W E27 2700K



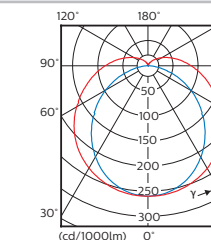
MASTER LEDcandle
DimTone
Page 44



6-40W E14 2700K



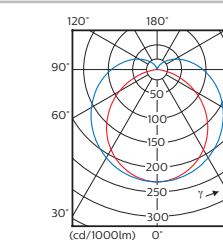
MASTER LEDtube
Ultra output
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18W G13 6500K



CorePro LEDtube
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10W G13 6500K

