

Philips LEDlamps

2nd
half year
2010

Discover endless possibilities to save energy with high quality of light

PHILIPS
sense and simplicity

3 year guarantee

MASTER LEDspots GU10

The perfect replacement for mains voltage halogen spots



Features/applications:

- LEDlamps suitable for simple (retrofit) replacement of halogen lamps (230V-240V)
- available in beam angles of 25° and 40°
- available in different color shades of white (2700K, 3000K or 4200K)
- dimmable (except the 3W version)
- very good color rendering
- temperature range: -20°C to +45°C ambient temperature
- suitable for Voltage fluctuations of +/- 10%
- suitable for indoor applications in open/ventilated luminaires (min. 10mm air gap)
- for accent and general lighting e.g. hotels, shops and offices

Product benefits:

- long lifetime
- 80%-90% energy saving
- dimmable with leading edge dimmers
- good light distribution
- no IR- and UV radiation, low heat radiation
- high quality, robust housing
- shockproof
- true warm white (2700K)
- minimum maintenance costs
- short pay-back time

Technical specification

Product description	Wattage	Comparable Socket	Bulb shape	Beam intensity	Beam angle	Lifetime	Dimmable*	Units per pack	Color rendering index	Color temp. K	EOC 8727900	
	(W)	Halogen Wattage (W)										
MASTER LEDspotMV D 3-35W GU10 2700K 25D	3	35	GU10	Spot	850	25	35.000	no	10	>80	2700	89788300
MASTER LEDspotMV 4-35W GU10 2700K 25D	4	35	GU10	Spot	600	25	25.000	yes	10	>80	2700	94419800
MASTER LEDspotMV 4-35W GU10 2700K 40D	4	35	GU10	Spot	330	40	25.000	yes	10	>80	2700	93396300
MASTER LEDspotMV 7-50W GU10 4200K 25D	7	50	GU10	Spot	1.000	25	45.000	yes	6	>80	4200	86043600
MASTER LEDspotMV 7-50W GU10 4200K 40D	7	50	GU10	Spot	540	40	45.000	yes	6	>80	4200	86045000
MASTER LEDspotMV 7-50W GU10 3000K 25D	7	50	GU10	Spot	1.000	25	45.000	yes	6	>80	3000	86039900
MASTER LEDspotMV 7-50W GU10 3000K 40D	7	50	GU10	Spot	540	40	45.000	yes	6	>80	3000	86041200
MASTER LEDspotMV 7-50W GU10 2700K 25D	7	50	GU10	Spot	1000	25	45.000	yes	6	>80	2700	86033700
MASTER LEDspotMV 7-50W GU10 2700K 40D	7	50	GU10	Spot	400	40	45.000	yes	6	>80	2700	86035100

new
new



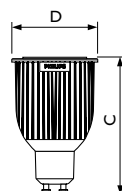
7-35W
10-50W



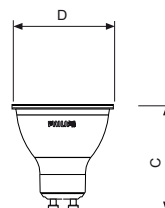
3-35W



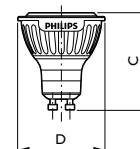
4-35W



7-35W
10-50W



3-35W



4-35W

Dimensions (mm)

Socket	C	D
7W 10W	81	51
3W	55.5	50
4W	55.7	50

3 year
guarantee

MASTER LEDspots LV(MR16)

The perfect replacement for low voltage halogen spots



Features/applications:

- LEDlamps suitable for simple (retrofit) replacement of low voltage MR16 (12V) halogen lamps
- MR16 lamps with GU5.3 socket
- available in beam angles of 15° and 24°
- dimmable (except the 4-20W)
- available in a choice of 2700K or 3000K
- very good color rendering
- temperature range: -20°C to +45°C ambient temperature
- ideal for accent lighting in hotels, hospitals, shops and museums (floors, elevators, displays) in open/ventilated luminaires (min. 10mm air gap)
- broadly compatible with existing electromagnetic & electronic halogen transformers

Product benefits:

- long lifetime
- 80% energy saving
- good light distribution
- no IR- and UV radiation
- ideal to illuminate heat sensitive objects with a warm, halogen-like light
- shockproof
- maximum performance thanks to innovative active cooling technology (7 and 10W)
- minimum maintenance costs
- short pay-back time

Technical specification

Product description	Wattage	Comparable	Socket	Bulb	Beam	Beam	Lifetime	Dimmable*	Units	Color	Color	EOC
	(W)	Halogen		shape	intensity	angle						
	(W)	Wattage			(cd)	(°)	(hours)		per	rendering	temp.	8727900
									pack	index	K	
MASTER LEDspotLV 4-20W 2700K MR16 24D TC	4	20	GU5.3	MR16	700	24	45.000	no	10	>80	2700	89822400
MASTER LEDspotLV 4-20W 3000K MR16 24D TC	4	20	GU5.3	MR16	720	24	45.000	no	10	>80	3000	89824800
MASTER LEDspotLV D 7-35W 2700K MR16 24D	7	35	GU5.3	MR16	1380	24	25.000	yes	10	>80	2700	93428100
MASTER LEDspotLV D 7-35W 3000K MR16 24D	7	35	GU5.3	MR16	1460	24	25.000	yes	10	>80	3000	93430400
new MASTER LEDspotLV D 7-35W 2700K MR16 15D	7	35	GU5.3	MR16	3210	15	40000	yes	10	>80	2700	93414400
new MASTER LEDspotLV D 7-35W 3000K MR16 15D	7	35	GU5.3	MR16	3300	15	40000	yes	10	>80	3000	93416800
new MASTER LEDspotLV D 10-50W 2700K MR16 24D	10	50	GU5.3	MR16	1700	24	25000	yes	10	>80	2700	93440300
new MASTER LEDspotLV D 10-50W 3000K MR16 24D	10	50	GU5.3	MR16	1760	24	25000	yes	10	>80	3000	93442700
new MASTER LEDspotLV D 10-50W 2700K MR16 15D	10	50	GU5.3	MR16	4000	15	25000	yes	10	>80	2700	93436600
new MASTER LEDspotLV D 10-50W 3000K MR16 15D	10	50	GU5.3	MR16	4200	15	25000	yes	10	>80	3000	93438000

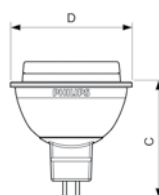
* Broadly compatible with existing electromagnetic & electronic halogen transformers.



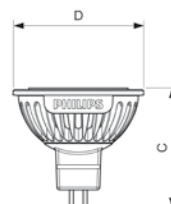
7-35W
10-50W



4-20W



7-35W
10-50W



4-20W

Dimensions (mm)

Socket	C	D
4W	46	50
10W	53,7	50

3 year guarantee

MASTER LEDspot LV GU4.0

Ideal solution for display case / spot lighting in shops



Features/applications:

- LED lamps suitable for simple (retrofit) replacement of low voltage MR11 (12V) halogen lamps
- compatible with electro magnetic transformers and selected electronic transformers
- MR11 lamps with GU4.0 socket
- available in a choice of 2700K and 4200K
- beam angle of 24°
- not dimmable
- very good color rendering
- ideal to create eye-catching displays (for e.g. in jewellery stores)

Product benefits:

- long lifetime
- 80% energy saving
- good light distribution
- no IR- and UV radiation
- ideal to illuminate heat sensitive objects
- minimum maintenance costs
- short pay-back period

Technical specification

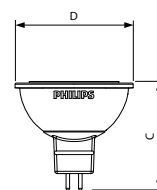
Product description	Wattage	Comparable Halogen Wattage	Socket	Bulb shape	Beam intensity	Beam angle	Lifetime	Units per pack	Color rendering index	Color temp. K	EOC
	(W)	(W)			(cd)	(°)	(hours)				8727900
MASTER LEDspotLV 3W GU4 2700K MR11 24D	3	<20	GU4.0	MR11	410	24°	30.000	24	>80	2700	90581600
MASTER LEDspotLV 3W GU4 4200K MR11 24D	3	<20	GU4.0	MR11	450	24°	30.000	24	>80	4200	90583000

Compatible electronic transformer

Primaline 70W 230-240V 50/60Hz	1	8711500 91266430
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3W



3W

Dimensions (mm)

Socket	C	D
MR11/GU4.0	40	34,6

3 year
guarantee

MASTER LEDbulbs

Dimmable solutions for general lighting



Features/applications:

- easy (retrofit) replacement of incandescent bulbs
- warm white light of 2700K - truly incandescent-like
- very good color rendering
- dimmable (with leading edge dimmers)
- temperature range: -20°C to +45°C ambient temperature
- for indoor applications in open/ventilated luminaires (min. 10mm air gap)
- suitable for general lighting/ambiance creation in e.g. hotels, restaurants, shops and offices
- energy class A

Product benefits:

- long lifetime
- 80%-90% energy saving
- good light distribution
- dimmable
- no IR- and UV radiation, low heat radiation
- high quality robust aluminium housing
- shockproof
- minimum maintenance costs
- short pay-back period

Technical specification

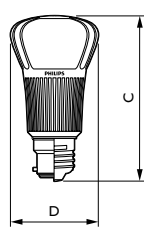
Product description	Wattage	Comparable incandescent Wattage	Socket	Bulb shape	Light output	Beam angle	Lifetime	Dimmable	Units per pack	Color rendering index	Color temp. K	EOC 8727900
	(W)	(W)			lm	(°)	(hours)					
MASTER LEDbulb 6W E27 2700K 230V A55	6	25	E27	A55	249	>180	45.000	yes	6	>80	2700	85353700
MASTER LEDbulb 8-40W E27 2700K 230V A60	8	40	E27	A60	470	>250	25.000	yes	6	>80	2700	90048400
MASTER LEDbulb 8-40W B22 2700K 230V A60	8	40	B22	A60	470	>250	25.000	yes	6	>80	2700	90050700
new MASTER LEDbulb D 12-60W E27 2700K A60	12	60	E27	A60	806	>300	25.000	yes	6	>80	2700	93448900
new MASTER LEDbulb D 12-60W B22 2700K A60	12	60	B22	A60	806	>300	25.000	yes	6	>80	2700	93450200



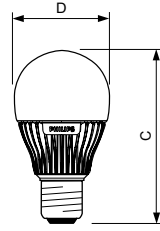
12-60W

8-40W

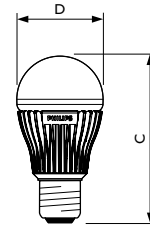
6-25W



12-60W



8-40W



6-25W

Dimensions (mm)

Socket	C	D
8W	107	56
6W	108,9	60
12W E27	108.5	50
12W B22	107	50

3 year guarantee

MASTER LEDspots PAR

The energy saving alternative for lighting in public areas



Features/applications:

- Efficient replacement LED lamps of halogen or incandescent PAR lamps.
- very good color rendering
- PAR20, PAR30 and PAR38 for indoor use in open/ventilated luminaires (min. 10mm air gap)
- PAR38 OD for outdoor use with IP44 rated luminaires
- especially suitable for public areas like lobbies, corridors and stairwells

Product benefits

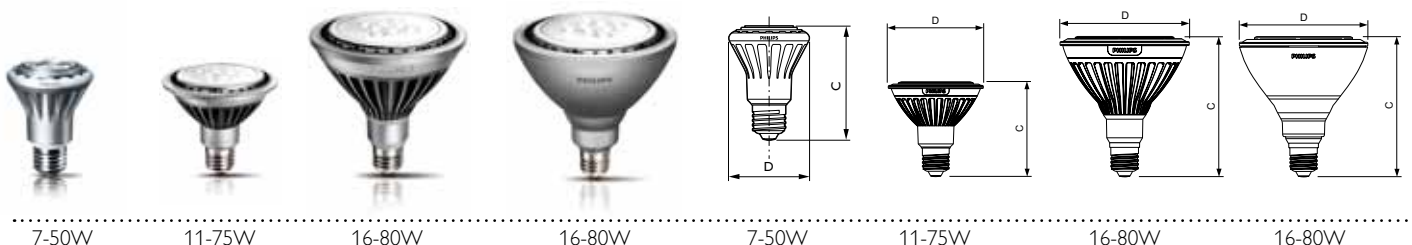
- long lifetime
- 80% energy saving
- good color rendering
- no IR- and UV radiation
- minimum maintenance costs
- Outdoor version is IP44 rated

Technical specification

	Product description	Wattage	Comparable Wattage	Socket	Bulb shape	Beam intensity (cd)	Beam angle (°)	Lifetime (hours)	Dimmable	Units per pack	Color rendering index	Color temp. K	EOC 8727900
		(W)	(W)										
new	MASTER LEDspot D 7-50W 2700K PAR20 25D	7	50	E27	PAR20	1000	25	45.000	yes	6	>80	2700	93398700
new	MASTER LEDspot D 7-50W 2700K PAR20 40D	7	50	E27	PAR20	450	40	45.000	yes	6	>80	2700	93406900
new	MASTER LEDspot D 7-50W 3000K PAR20 25D	7	50	E27	PAR20	1050	25	45.000	yes	6	>80	3000	93400700
new	MASTER LEDspot D 7-50W 3000K PAR20 40D	7	50	E27	PAR20	500	40	45.000	yes	6	>80	3000	93408300
new	MASTER LEDspot D 7-50W 4000K PAR20 25D	7	50	E27	PAR20	1200	25	45.000	yes	6	>80	4000	93402100
new	MASTER LEDspot D 7-50W 4000K PAR20 40D	7	50	E27	PAR20	550	40	45.000	yes	6	>80	4000	93410600
	MASTER LEDspot 11W 2700K 230V PAR30S 25D	11	75	E27	PAR30	1.880	25	45.000	no	10	>80	2700	85301800
	MASTER LEDspot 16W 2700K 230V PAR38 25D	16	80	E27	PAR38	2.800	25	45.000	no	10	>80	2700	85299800
	MASTER LEDspot 16W 2700K 230V PAR38 OD	16	80	E27	PAR38	2.800	25	20.000	no	10	>80	2700	85303200

Dimensions (mm)

Socket	C	D
LEDspot PAR20	90.2	63.7
LEDspot PAR30	90	90,1
LEDspot PAR38	131	121,5
LEDspot PAR38 OD	131	121,5



1 year
guarantee

NOVALLURE lamps candles and lustres

Eye-catching design for chandeliers



Features/applications:

- LEDlamps for (retrofit) simple replacement of existing incandescent candle and lustre lamps
- available in E14 and E27 socket
- dimmable (3W versions only) with leading edge dimmers
- good color rendering
- for indoor applications in open/ventilated luminaires (min. 10mm air gap)
- applications in hotels, restaurants, homes and historical buildings
- beautifully sparkling light for chandeliers, wall sconces and other decorative luminaires

Product benefits:

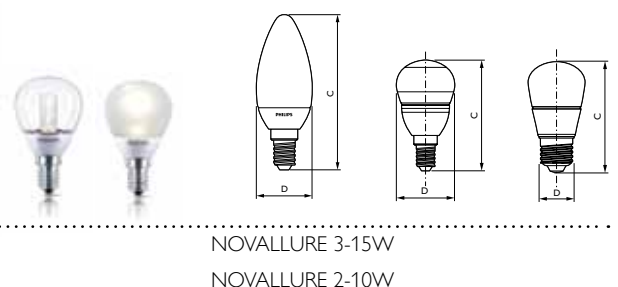
- lifetime: 20.000 hours
- >80% energy saving
- good color rendering
- no IR and UV radiation, low heat radiation
- low maintenance costs
- sparkling light, directed radially

Technical specification

Product description	Wattage	Comparable incandescent Wattage	Socket	Bulb shape	Lumen output	Lifetime	Dimmable	Units per pack	Color rendering index	Color temp. K	EOC 8727900
	(W)	(W)			(lm)	(hours)					
Novallu. D 3W E14 2700K 230V B35 CL	3	15	E14	B35	136	20.000	yes	10	>80	2700	93456400
Novallu. D 3W E14 2700K 230V B35 FR	3	15	E14	B35	136	20.000	yes	10	>80	2700	93458800
Novallu. D 3W E14 2700K 230V P45 CL	3	15	E14	P45	136	20.000	yes	10	>80	2700	93468700
Novallu. D 3W E14 2700K 230V P45 FR	3	15	E14	P45	136	20.000	yes	10	>80	2700	93470000
Novallu. D 3W E27 2700K 230V P45 CL	3	15	E27	P45	136	20.000	yes	10	>80	2700	93472400
Novallu. D 3W E27 2700K 230V P45 FR	3	15	E27	P45	136	20.000	yes	10	>80	2700	93474800
Novallu. 2W E14 2700K 230V B35 CL	2	10	E14	B35	86	20.000	no	10	>80	2700	93452600
Novallu. 2W E14 2700K 230V B35 FR	2	10	E14	B35	86	20.000	no	10	>80	2700	93454000
Novallu. 2W E14 2700K 230V P45 CL	2	10	E14	P45	86	20.000	no	10	>80	2700	93460100
Novallu. 2W E14 2700K 230V P45 FR	2	10	E14	P45	86	20.000	no	10	>80	2700	93462500

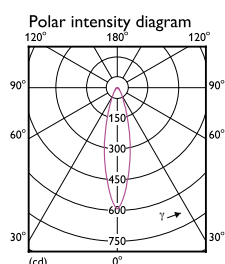
Dimensions (mm)

Socket	C	D
NOVALLURE candle 3-15W	93	46
NOVALLURE lustre 3-15W E14	83.5	45
NOVALLURE lustre 3-15W E27	92	46
NOVALLURE candle 2-10W	97.5	35
NOVALLURE lustre 2-10W	75.5	45

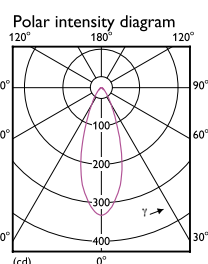


Photometric diagrams for new products

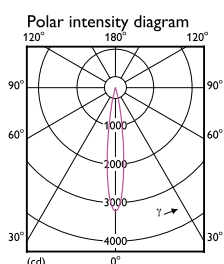
The polar diagram indicates the output distribution of a light source over a range of angles.



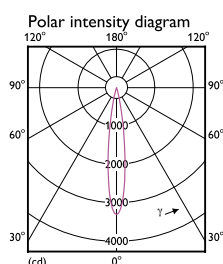
4-35W GU10 2700K 25D



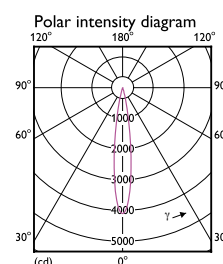
4-35W GU10 2700K 40D



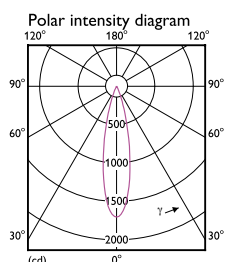
7-35W MR16 2700K 15D



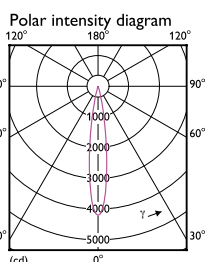
7-35W MR16 3000K 15D



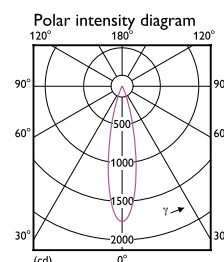
10-50W MR16 2700K MR16 15D



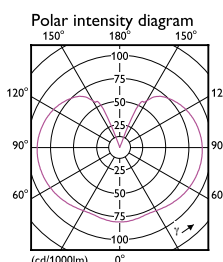
10-50W MR16 2700K MR16 24D



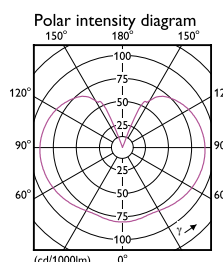
10-50W MR16 3000K MR16 15D



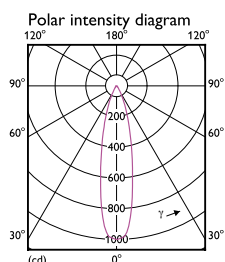
10-50W MR16 3000K MR16 24D



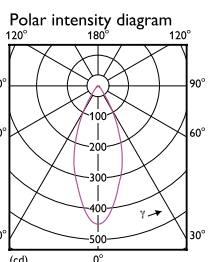
12-60W E27 2700K A60



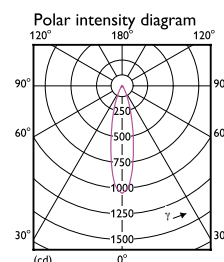
12-60W B22 2700K A60



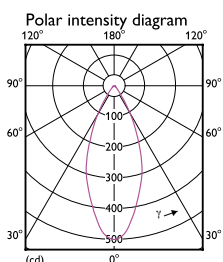
7-50W PAR20 2700K 25D



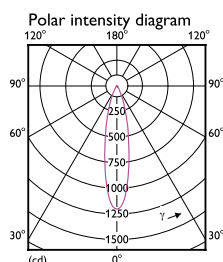
7-50W PAR20 2700K 40D



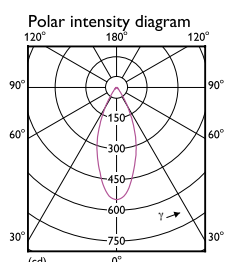
7-50W PAR20 3000K 25D



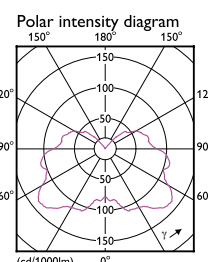
7-50W PAR20 3000K 40D



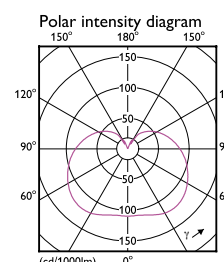
7-50W PAR20 4000K 25D



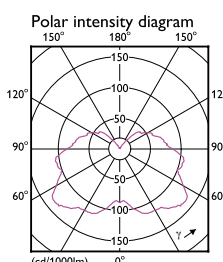
7-50W PAR20 4000K 40D



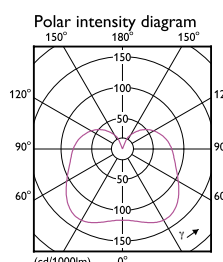
Novallure 3-15W candle clear E14



Novallure 3-15W lustre frosted E14



Novallure 3-15W lustre clear E14 - E27



Novallure 3-15W lustre frosted E14 - E27



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