



MASTER LEDspot LV AR111 - Ideal solution for spot lighting in shops

MASTER LEDspot LV AR111

Delivering a warm, halogen-like accent beam, MASTER LEDspot LV AR111 is an ideal retrofit solution for spot and general lighting applications in the hospitality and retail industry. It is particularly suitable for general lighting where the light is on all the time, such as creative accent lighting applications in shops, restaurants, hotels, and especially for galleries, exhibitions and museums. The robustly designed MASTER LEDspot LV AR111 offers various 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.). The patented intelligent driver enables broad compatibility with existing electromagnetic and electronic halogen transformers. MASTER LEDspot LV AR111 delivers huge energy savings and minimises maintenance cost without any reduction in brightness.

Benefits

- Up to 80% energy saving compared with halogen lamps
- Broad compatibility with transformers
- Retrofittable



Features

- Patented intelligent driver
- Lifetime of 45,000 hours
- Low energy consumption

- Clearly defined beam spread
- UV- and IR-free light for less heat and protection for heat-sensitive objects

Application

- Shops, hotels, restaurants, bars, cafés
- Galleries, museums, exhibitions, lobbies, corridors, stairwells, washrooms, reception areas

Related products

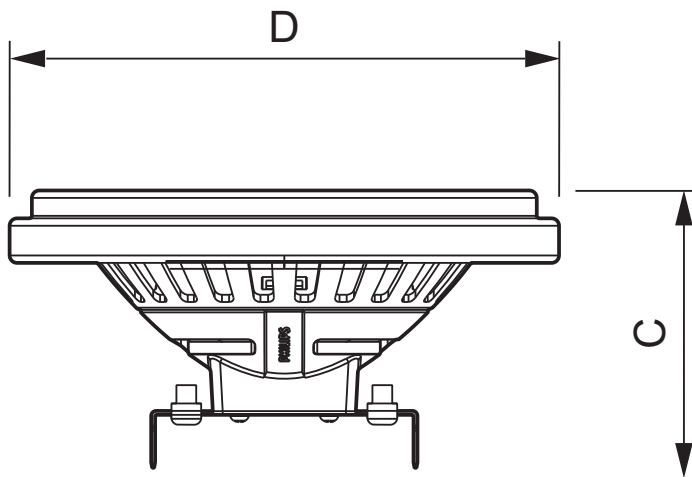


10W/15W G53



10-50W, 15-75W AR111

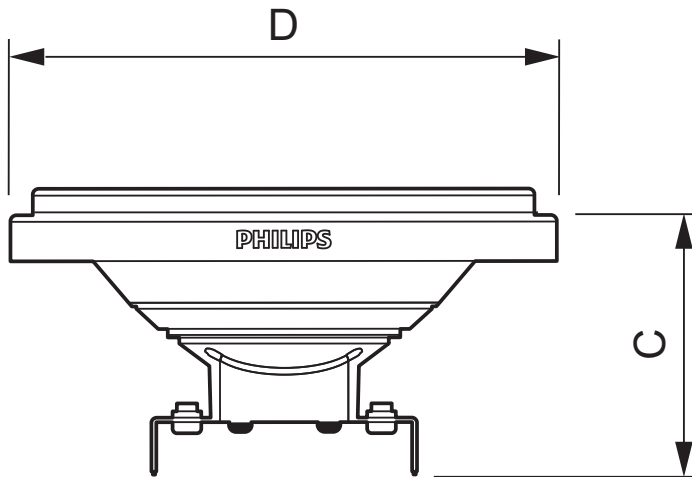
Dimensional drawing



MASTER LEDspotLV AR111 D 10-50W WW 24D

Product	C (Norm)	C1 (Max)	D (Norm)	D1 (Norm)
LED D 10-50W WW AR111 24D	56	-	111	-
LED D 10-50W WW AR111 40D	56	-	111	-
LED D 10-50W WH AR111 24D	56	-	111	-
LED D 10-50W WH AR111 40D	56	-	111	-
LED D 15-75W WW AR111 24D	56	-	111	-
LED D 15-75W WW AR111 40D	56	-	111	-
LED D 15-75W WH AR111 24D	56	-	111	-
LED D 15-75W WH AR111 40D	56	-	111	-

Dimensional drawing



MASTER LEDspotLV AR111 10-50W 3000K 24D

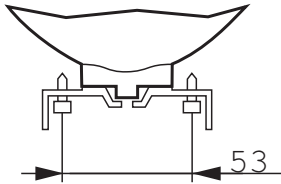
Product	C (Norm)	D (Norm)
LED 10-50W G53 WH 3000K 12V 24D	60	111
LED 10-50W G53 WW 2700K 12V 40D	60	111
LED 10-50W G53 WH 3000K 12V 40D	60	111
LED 15-75W G53 WW 2700K 12V 24D	60.5	111
LED 15-75W G53 WW 2700K 12V 40D	60.5	111
LED 15-75W G53 WH 3000K 12V 24D	60.5	111
LED 15-75W G53 WH 3000K 12V 40D	60.5	111

General Characteristics

Order code	Full product name	Cap-Base	Bulb	Rated Life-time (hours)
119371 00	MASTER LEDspotLV AR111 10-50W 3000K 24D	G53	Reflector	45000 hr
119395 00	MASTER LEDspotLV AR111 10-50W 2700K 40D	G53	AR111	45000 hr
119418 00	MASTER LEDspotLV AR111 10-50W 3000K 40D	G53	Reflector	45000 hr
155232 00	MASTER LEDspotLV AR111 15-75W 2700K 24D	G53	AR111	45000 hr
155256 00	MASTER LEDspotLV AR111 15-75W 2700K 40D	G53	AR111	45000 hr
155270 00	MASTER LEDspotLV AR111 15-75W 3000K 24D	G53	Reflector	45000 hr
155294 00	MASTER LEDspotLV AR111 15-75W 3000K 40D	G53	Reflector	45000 hr
192046 00	MASTER LEDspotLV AR111 D 10-50W WW 24D	G53	AR111	45000 hr

Order code	Full product name	Cap-Base	Bulb	Rated Life-time (hours)
192060 00	MASTER LEDspotLV AR111 D 10-50W WW 40D	G53	AR111	45000 hr
192084 00	MASTER LEDspotLV AR111 D 10-50W WH 24D	G53	AR111	45000 hr
192107 00	MASTER LEDspotLV AR111 D 10-50W WH 40D	G53	AR111	45000 hr
192121 00	MASTER LEDspotLV AR111 D 15-75W WW 24D	G53	AR111	45000 hr
192145 00	MASTER LEDspotLV AR111 D 15-75W WW 40D	G53	AR111	45000 hr
192169 00	MASTER LEDspotLV AR111 D 15-75W WH 24D	G53	AR111	45000 hr
192183 00	MASTER LEDspotLV AR111 D 15-75W WH 40D	G53	AR111	45000 hr

Installation diagrams

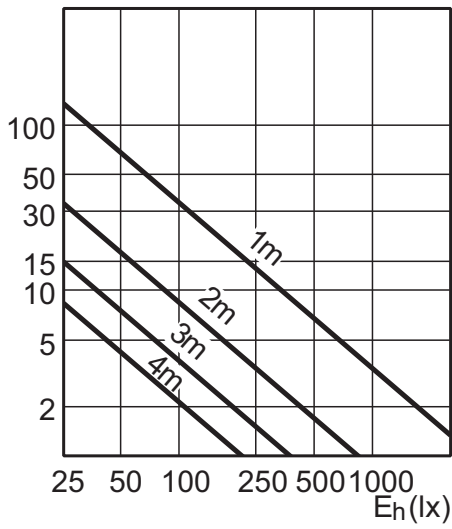


G53

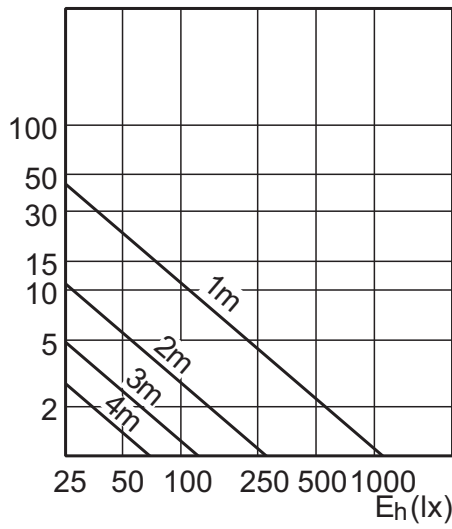
Light Technical Characteristics

Order code	Full product name	Colour Code	Beam Angle	Beam Description	Luminous Intensity	Colour rendering index	Colour Temperature	Rated Luminous Flux
119371 00	MASTER LEDspotLV AR111 10-50W 3000K 24D	WH	24 D	24D	3370 cd	80	3000 K	580 Lm
119395 00	MASTER LEDspotLV AR111 10-50W 2700K 40D	WW	40 D	40D	1150 cd	80	2700 K	450 Lm
119418 00	MASTER LEDspotLV AR111 10-50W 3000K 40D	WH	40 D	40D	1210 cd	80	3000 K	580 Lm
155232 00	MASTER LEDspotLV AR111 15-75W 2700K 24D	WW	24 D	-	4560 cd	80	2700 K	790 Lm
155256 00	MASTER LEDspotLV AR111 15-75W 2700K 40D	WW	40 D	-	1520 cd	80	2700 K	755 Lm
155270 00	MASTER LEDspotLV AR111 15-75W 3000K 24D	WH	24 D	-	4240 cd	80	3000 K	745 Lm
155294 00	MASTER LEDspotLV AR111 15-75W 3000K 40D	WH	40 D	-	1520 cd	80	3000 K	725 Lm
192046 00	MASTER LEDspotLV AR111 D 10-50W WW 24D	WW	24 D	-	3360 cd	80	2700 K	600 Lm
192060 00	MASTER LEDspotLV AR111 D 10-50W WW 40D	WW	40 D	-	1220 cd	80	2700 K	600 Lm
192084 00	MASTER LEDspotLV AR111 D 10-50W WH 24D	WH	24 D	-	3470 cd	80	3000 K	620 Lm
192107 00	MASTER LEDspotLV AR111 D 10-50W WH 40D	WH	40 D	-	1270 cd	80	3000 K	620 Lm
192121 00	MASTER LEDspotLV AR111 D 15-75W WW 24D	WW	24 D	-	4560 cd	80	2700 K	830 Lm
192145 00	MASTER LEDspotLV AR111 D 15-75W WW 40D	WW	40 D	-	1660 cd	80	2700 K	830 Lm
192169 00	MASTER LEDspotLV AR111 D 15-75W WH 24D	WH	24 D	-	4700 cd	80	3000 K	860 Lm
192183 00	MASTER LEDspotLV AR111 D 15-75W WH 40D	WH	40 D	-	1700 cd	80	3000 K	860 Lm

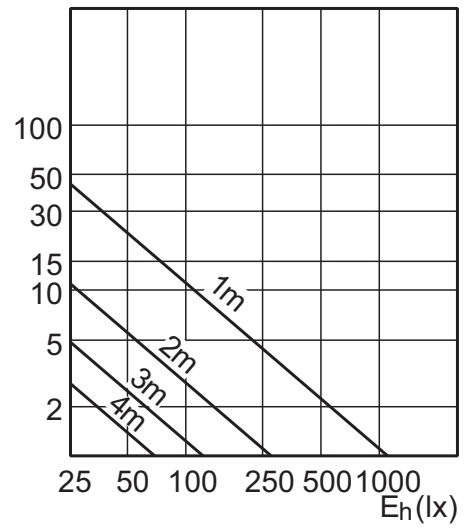
Light technical



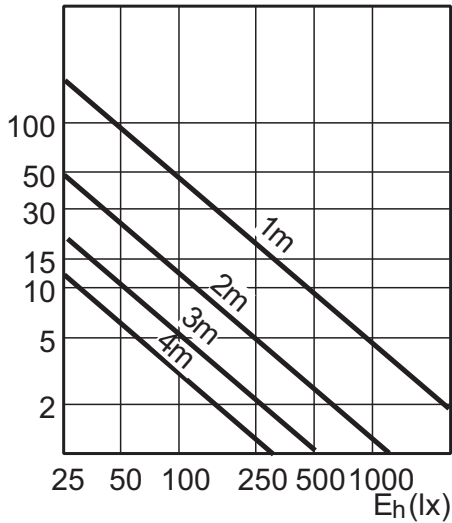
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12V 24D



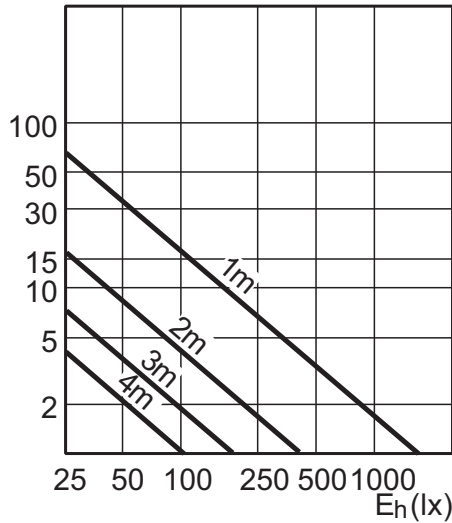
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12V 40D



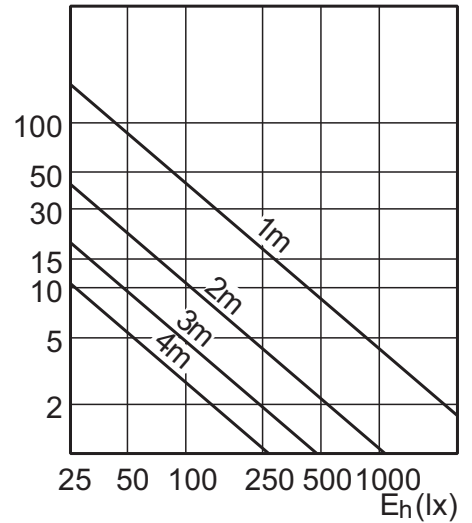
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12V 40D



MASTER LEDspot LV AR111 15-75W G5.3 2700K
24D

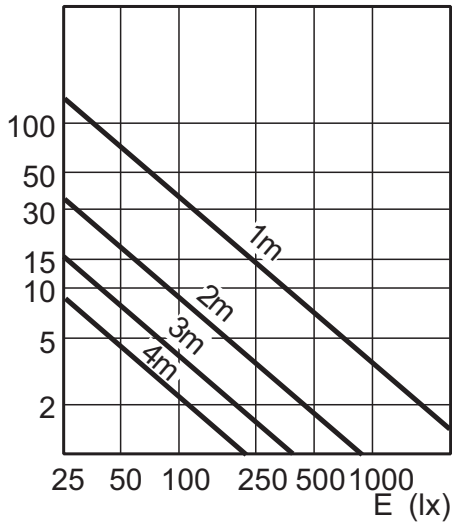


MASTER LEDspot LV AR111 15-75W G5.3 2700K
40D

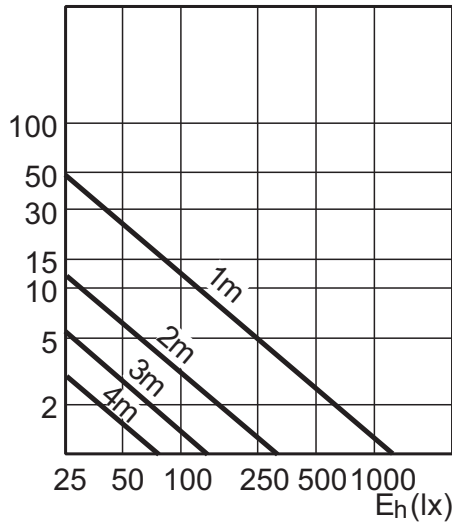


MASTER LEDspot LV AR111 15-75W GU10 2700K
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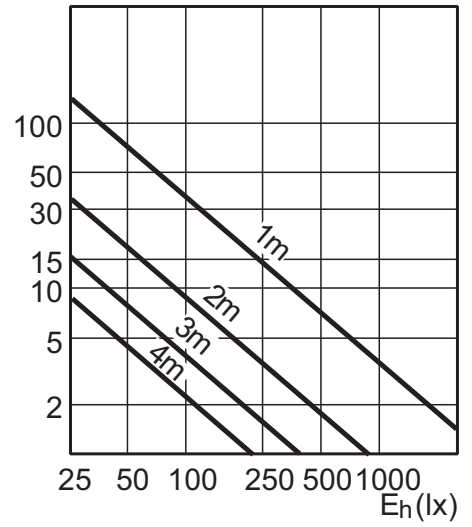
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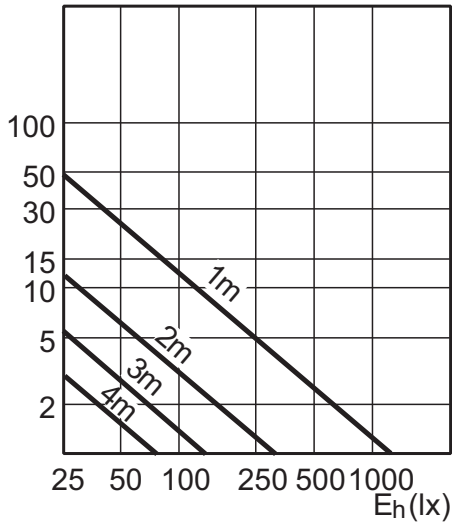
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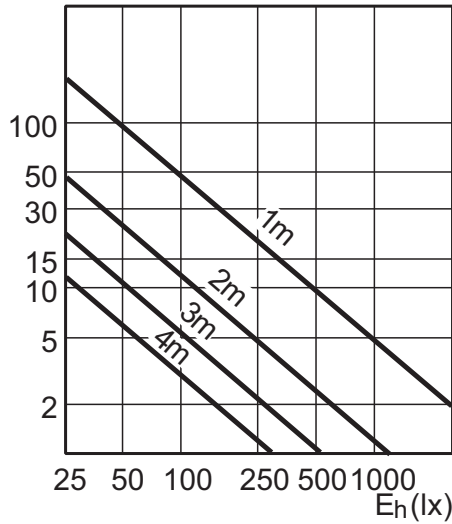
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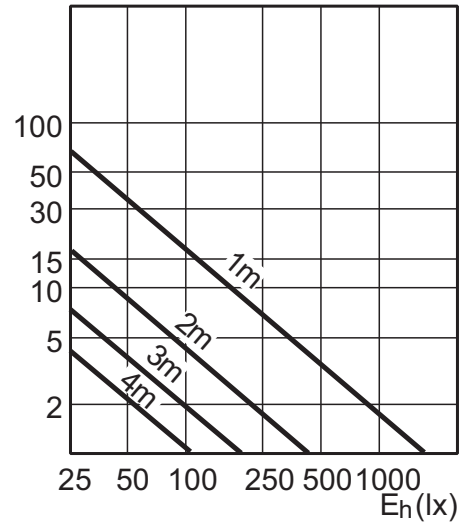
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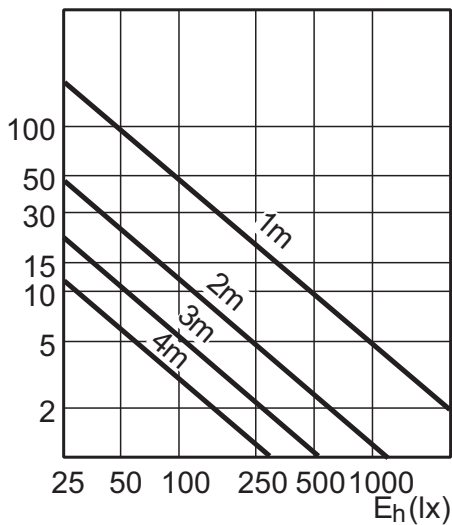
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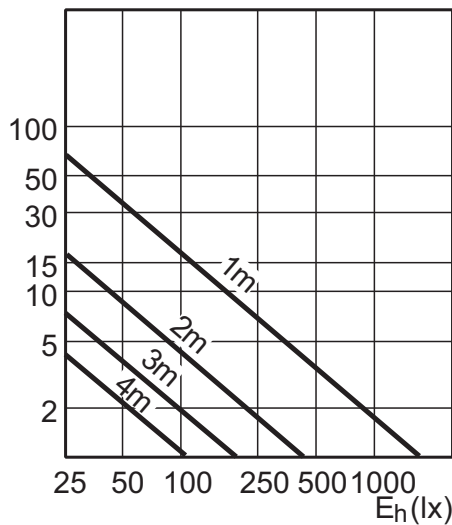
15-75W G53 AR111 WW 24D 2700K



15-75W G53 AR111 WW 40D 2700K

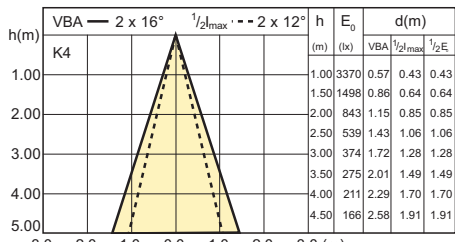


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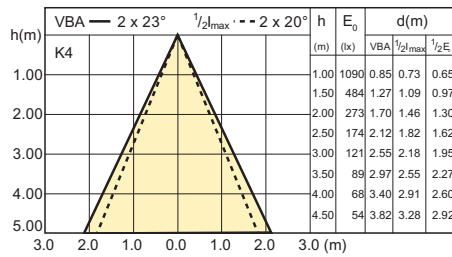


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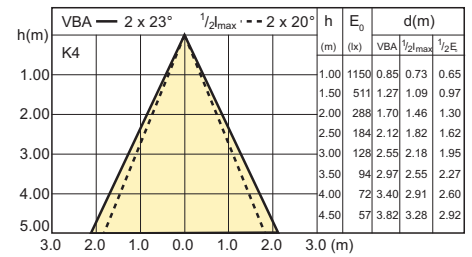
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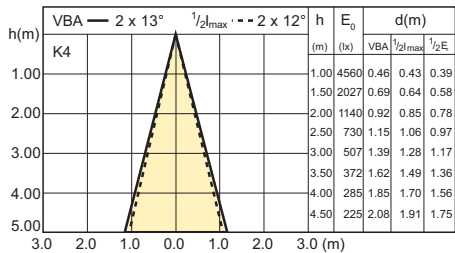
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12V 24D



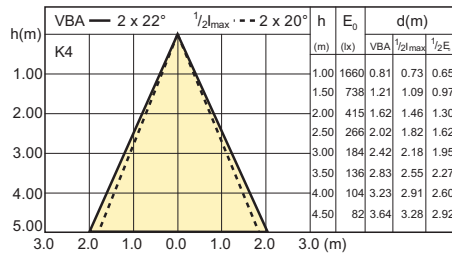
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12V 40D



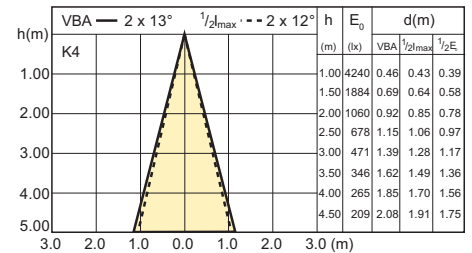
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12V 40D



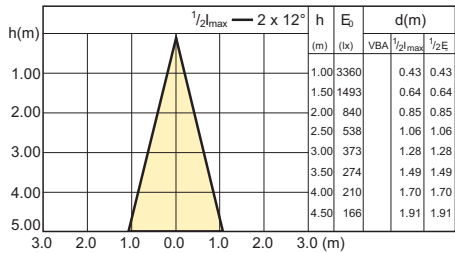
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24D



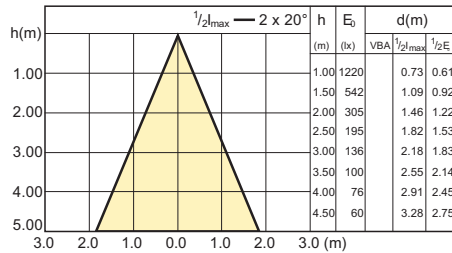
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40D



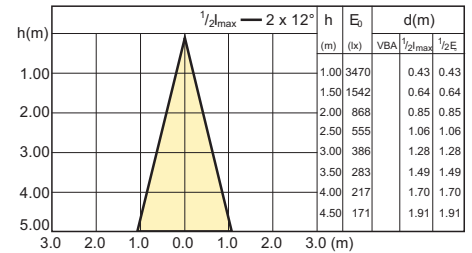
MASTER LEDspot LV AR111 15-75W GU10 2700K
24D



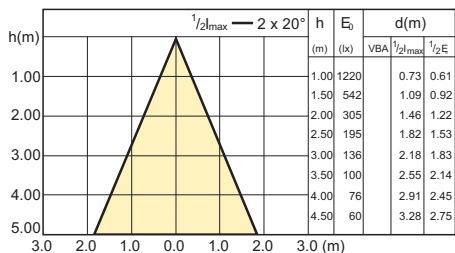
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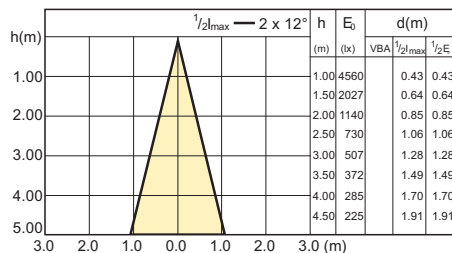
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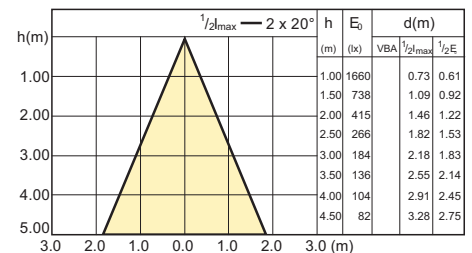
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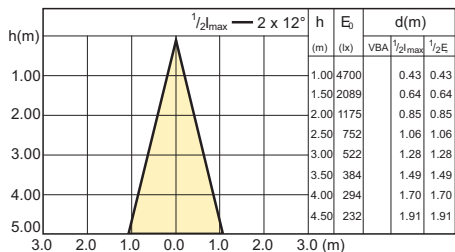
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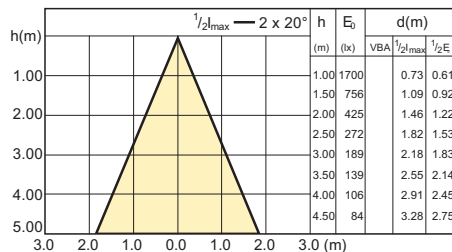
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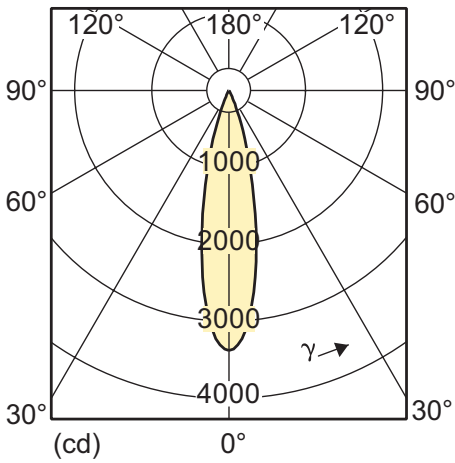


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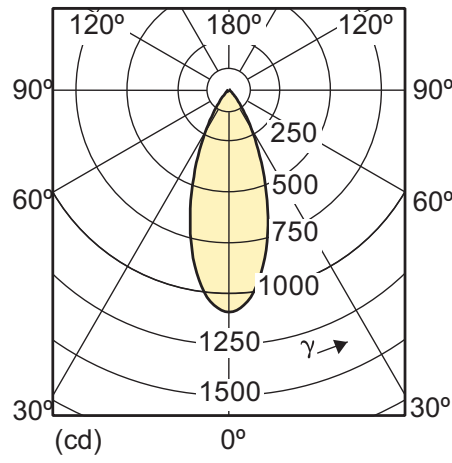


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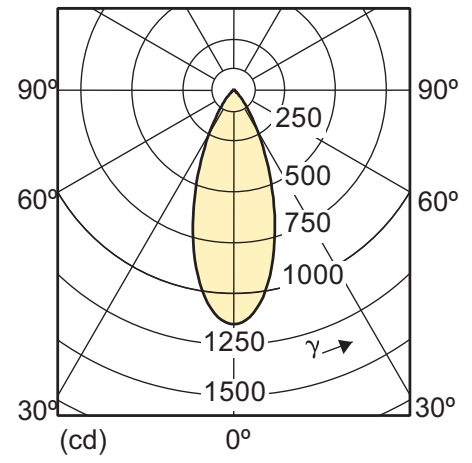
Light technical



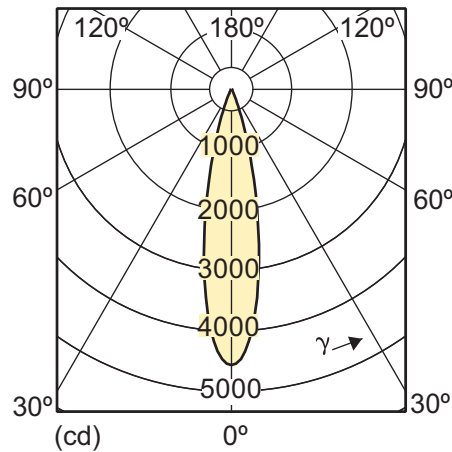
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12V 24D



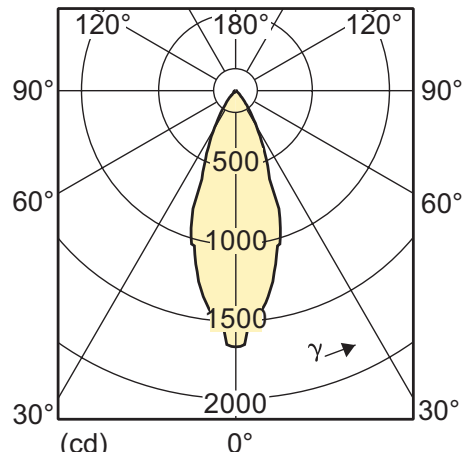
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12V 40D



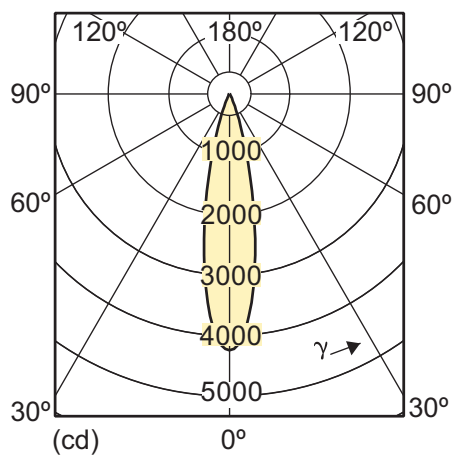
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12V 40D



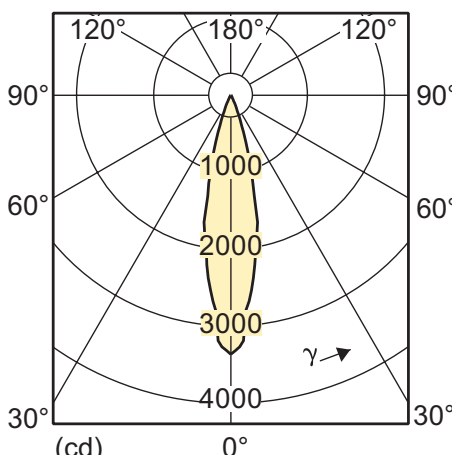
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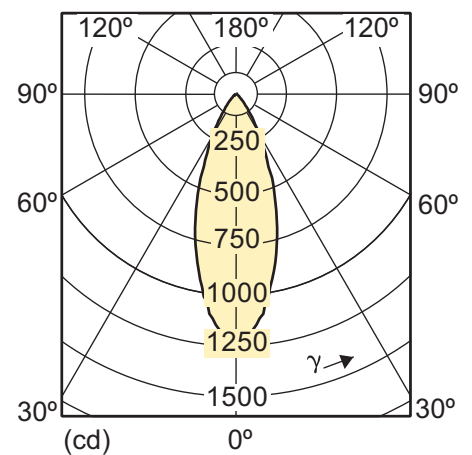
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40D



MASTER LEDspot LV AR111 15-75W GU10 2700K
24D

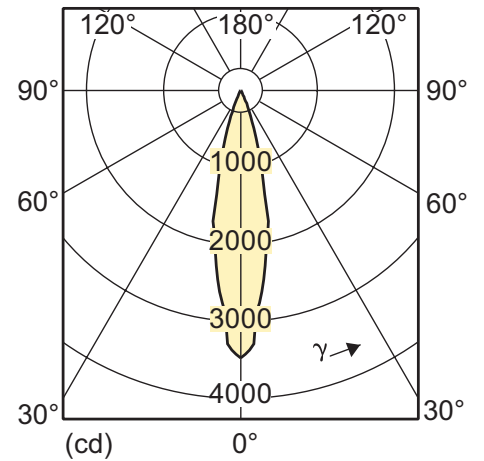


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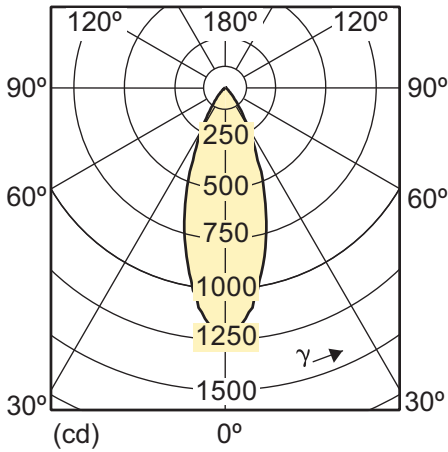


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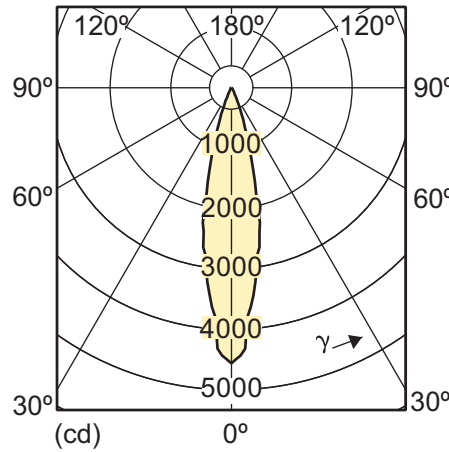
Light technical



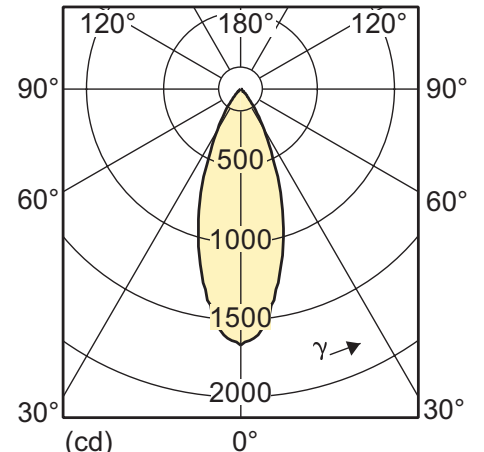
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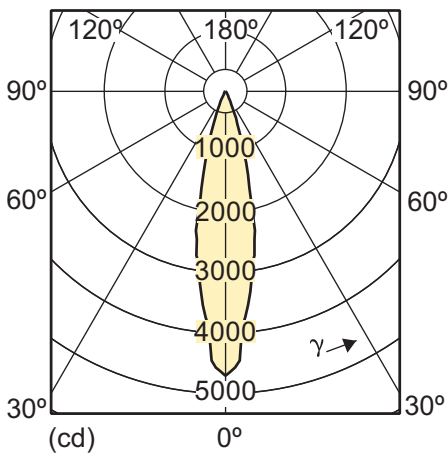
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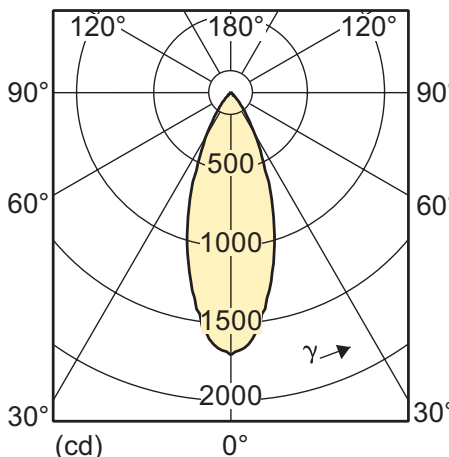
15-75W G53 AR111 WW 24D 2700K



15-75W G53 AR111 WW 40D 2700K



15-75W G53 AR111 WH 24D 3000K



15-75W G53 AR111 WH 40D 3000K

Electrical Characteristics

Order code	Full product name	Wattage	Voltage	Line Frequency	Dimmable	Wattage Equivalent	Starting Time
119371 00	MASTER LEDspotLV AR111 10-50W 3000K 24D	10 W	12 V	-	No	-	-
119395 00	MASTER LEDspotLV AR111 10-50W 2700K 40D	10 W	12 V	-	No	-	-

Order code	Full product name	Wattage	Voltage	Line Frequency	Dimmable	Wattage Equivalent	Starting Time
119418 00	MASTER LEDspotLV AR111 10-50W 3000K 40D	10 W	12 V	-	No	-	-
155232 00	MASTER LEDspotLV AR111 15-75W 2700K 24D	15 W	12 V	-	No	-	-
155256 00	MASTER LEDspotLV AR111 15-75W 2700K 40D	15 W	12 V	-	No	-	-
155270 00	MASTER LEDspotLV AR111 15-75W 3000K 24D	15 W	12 V	-	No	-	-
155294 00	MASTER LEDspotLV AR111 15-75W 3000K 40D	15 W	12 V	-	No	-	-
192046 00	MASTER LEDspotLV AR111 D 10-50W WW 24D	10 W	12 V	50-60 Hz	Yes	50 W	1.5 (max) s
192060 00	MASTER LEDspotLV AR111 D 10-50W WW 40D	10 W	12 V	50-60 Hz	Yes	50 W	1.5 (max) s
192084 00	MASTER LEDspotLV AR111 D 10-50W WH 24D	10 W	12 V	50-60 Hz	Yes	50 W	1.5 (max) s
192107 00	MASTER LEDspotLV AR111 D 10-50W WH 40D	10 W	12 V	50-60 Hz	Yes	50 W	1.5 (max) s
192121 00	MASTER LEDspotLV AR111 D 15-75W WW 24D	15 W	12 V	50-60 Hz	Yes	75 W	1.5 (max) s
192145 00	MASTER LEDspotLV AR111 D 15-75W WW 40D	15 W	12 V	50-60 Hz	Yes	75 W	1.5 (max) s
192169 00	MASTER LEDspotLV AR111 D 15-75W WH 24D	15 W	12 V	50-60 Hz	Yes	75 W	1.5 (max) s
192183 00	MASTER LEDspotLV AR111 D 15-75W WH 40D	15 W	12 V	50-60 Hz	Yes	75 W	1.5 (max) s

Measuring Conditions

Order code	Full product name	Switching cycle
119371 00	MASTER LEDspotLV AR111 10-50W 3000K 24D	50000x
119395 00	MASTER LEDspotLV AR111 10-50W 2700K 40D	50000x
119418 00	MASTER LEDspotLV AR111 10-50W 3000K 40D	50000x
155232 00	MASTER LEDspotLV AR111 15-75W 2700K 24D	50000x
155256 00	MASTER LEDspotLV AR111 15-75W 2700K 40D	50000x
155270 00	MASTER LEDspotLV AR111 15-75W 3000K 24D	50000x
155294 00	MASTER LEDspotLV AR111 15-75W 3000K 40D	50000x
192046 00	MASTER LEDspotLV AR111 D 10-50W WW 24D	50000x

Order code	Full product name	Switching cycle
192060 00	MASTER LEDspotLV AR111 D 10-50W WW 40D	50000x
192084 00	MASTER LEDspotLV AR111 D 10-50W WH 24D	50000x
192107 00	MASTER LEDspotLV AR111 D 10-50W WH 40D	50000x
192121 00	MASTER LEDspotLV AR111 D 15-75W WW 24D	50000x
192145 00	MASTER LEDspotLV AR111 D 15-75W WW 40D	50000x
192169 00	MASTER LEDspotLV AR111 D 15-75W WH 24D	50000x
192183 00	MASTER LEDspotLV AR111 D 15-75W WH 40D	50000x



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www.philips.com/lighting

2013, March 26
data subject to change