



The affordable LEDspot solution

CorePro LEDspot LV

CorePro LEDspots are a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with MR16 GU5.3 holders and are designed as a retrofit replacement for halogen or incandescent spots. CorePro LEDspots deliver huge energy savings and minimize maintenance cost.

Benefits

- Up to 80% energy saving compared with halogen lamps
- Lower maintenance costs
- Broad compatibility with transformers

Features

- Easy retrofit
- Lifetime of 15,000hours
- UV- and IR-free light
- Free of mercury and hazardous materials

Application

- Hotels, restaurants, bars, cafés, museums, shops
- Lobbies, corridors, stairwells, washrooms, reception areas , exhibitions, display cabinets

CorePro LEDspot LV

Versions



GU5.3 MR16



GU5.3 MR16



GU5.3 MR16



GU5.3 MR16



GU5.3 MR16



GU5.3 MR16



GU4 MR11



GU5.3 MR16

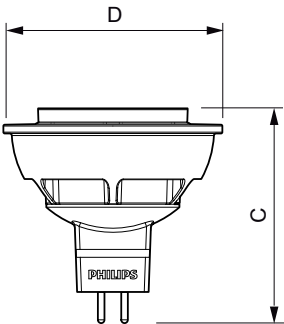


GU5.3 MR16



GU5.3 MR16

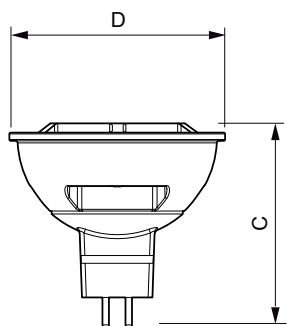
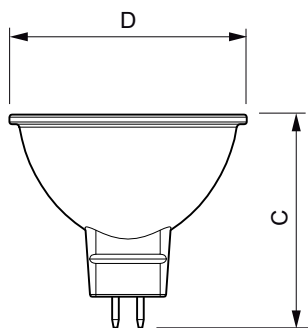
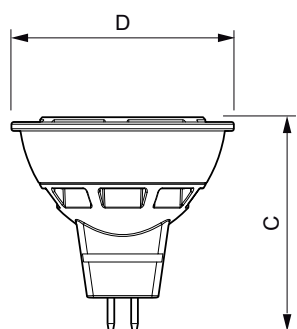
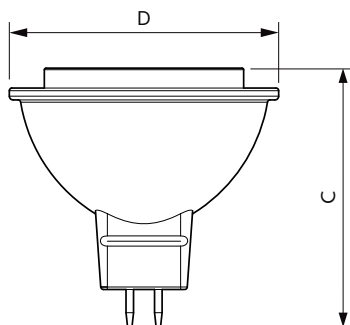
Dimensional drawing



Product	D	C
CorePro LEDspotLV 5.5-35W 827 MR16 36D	50 mm	49 mm

CorePro LEDspot LV

Dimensional drawing



Product	D	C
CorePro LED spot ND 8-50W MR16 840 36D	51 mm	50 mm
CorePro LED spot ND 8-50W MR16 827 36D	51 mm	50 mm
CorePro LED spot ND 8-50W MR16 830 36D	51 mm	50 mm

Product	D	C
CorePro LEDspotLV ND 8-50W 840 MR16 36D	50 mm	48 mm
CorePro LEDspotLV ND 8-50W 830 MR16 36D	50 mm	48 mm
CoreProLEDspotLV ND 8.2-50W 827 MR16 36D	50 mm	48 mm
CoreProLEDspotLV ND 8.2-50W 840 MR16 36D	50 mm	48 mm

Product	D	C
CoreProLEDspotLV ND 4.7-35W 840 MR16 36D	50 mm	46 mm
CoreProLEDspotLV ND 4.7-35W 827 MR16 36D	50 mm	46 mm
CoreProLEDspotLV ND 2.8-20W 827 MR16 36D	50 mm	46 mm
CorePro LED spot 2.6-20W 827 MR11 36D	35 mm	37.5 mm
CorePro LED spot ND 3-20W MR16 827 36D	51 mm	46 mm
CorePro LED spot ND 5-35W MR16 827 36D	51 mm	46 mm
CorePro LED spot ND 5-35W MR16 840 36D	51 mm	46 mm

Product	D	C
CorePro LEDspotLV 4.2-20W 827 MR16 36D	47.4 mm	49.9 mm

CorePro LEDspot LV

Controls and Dimming

Dimmable No

Operating and Electrical

Voltage (Nom) 12 V

General Information

Nominal Lifetime (Nom) 15000 h

Rated Lifetime (Hours) 15000 h

Light Technical

Beam Angle (Nom) 36 °

Color Rendering Index (Nom) 80

Lmf At End Of Nominal Lifetime (Nom) 70 %

Rated Beam Angle 36 °

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h	Energy Efficiency Label (EEL)
929000251002	CorePro LEDspotLV 4.2-20W 827 MR16 36D	5 kWh	A
929001146232	CorePro LEDspotLV 5.5-35W 827 MR16 36D	6 kWh	A+
929001194202	CorePro LEDspotLV ND 8-50W 830 MR16 36D	9 kWh	A+
929001194302	CorePro LEDspotLV ND 8-50W 840 MR16 36D	9 kWh	A+
929001240502	CoreProLEDspotLV ND 8.2-50W 827 MR16 36D	10 kWh	A+
929001240602	CoreProLEDspotLV ND 8.2-50W 840 MR16 36D	10 kWh	A+
929001239902	CoreProLEDspotLV ND 2.8-20W 827 MR16 36D	4 kWh	A++
929001240302	CoreProLEDspotLV ND 4.7-35W 827 MR16 36D	6 kWh	A+
929001240402	CoreProLEDspotLV ND 4.7-35W 840 MR16 36D	6 kWh	A+
929001339202	CorePro LED spot 2.6-20W 827 MR11 36D	3 kWh	A+
929001344002	CorePro LED spot ND 3-20W MR16 827 36D	3 kWh	A++
929001344302	CorePro LED spot ND 5-35W MR16 827 36D	6 kWh	A+
929001344502	CorePro LED spot ND 5-35W MR16 840 36D	6 kWh	A+
929001344902	CorePro LED spot ND 8-50W MR16 827 36D	9 kWh	A+
929001345002	CorePro LED spot ND 8-50W MR16 830 36D	9 kWh	A+
929001345102	CorePro LED spot ND 8-50W MR16 840 36D	9 kWh	A+

Operating and Electrical (1/2)

Order Code	Full Product Name	Input Frequency	Input Voltage	Wattage Equivalent	Power (Rated) (Nom)
929000251002	CorePro LEDspotLV 4.2-20W 827 MR16 36D	50 to 60 Hz	-	20 W	4.2 W
929001146232	CorePro LEDspotLV 5.5-35W 827 MR16 36D	-	-	35 W	5.5 W
929001194202	CorePro LEDspotLV ND 8-50W 830 MR16 36D	50 Hz	12 V	50 W	8 W
929001194302	CorePro LEDspotLV ND 8-50W 840 MR16 36D	50 Hz	12 V	50 W	8 W
929001240502	CoreProLEDspotLV ND 8.2-50W 827 MR16 36D	-	-	50 W	8.2 W
929001240602	CoreProLEDspotLV ND 8.2-50W 840 MR16 36D	-	-	50 W	8.2 W
929001239902	CoreProLEDspotLV ND 2.8-20W 827 MR16 36D	-	-	20 W	2.8 W
929001240302	CoreProLEDspotLV ND 4.7-35W 827 MR16 36D	-	-	35 W	4.7 W

Order Code	Full Product Name	Input Frequency	Input Voltage	Wattage Equivalent	Power (Rated) (Nom)
929001240402	CoreProLEDspotLV ND 4.7-35W 840 MR16 36D	-	-	35 W	4.7 W
929001339202	CorePro LED spot 2.6-20W 827 MR11 36D	-	-	20 W	2.6 W
929001344002	CorePro LED spot ND 3-20W MR16 827 36D	-	-	20 W	3 W
929001344302	CorePro LED spot ND 5-35W MR16 827 36D	-	-	35 W	5 W
929001344502	CorePro LED spot ND 5-35W MR16 840 36D	-	-	35 W	5 W
929001344902	CorePro LED spot ND 8-50W MR16 827 36D	-	-	50 W	8 W
929001345002	CorePro LED spot ND 8-50W MR16 830 36D	-	-	50 W	8 W
929001345102	CorePro LED spot ND 8-50W MR16 840 36D	-	-	50 W	8 W

Operating and Electrical (2/2)

Order Code	Full Product Name	Starting Time (Nom)
929000251002	CorePro LEDspotLV 4.2-20W 827 MR16 36D	0.1 s
929001146232	CorePro LEDspotLV 5.5-35W 827 MR16 36D	0.5 s
929001194202	CorePro LEDspotLV ND 8-50W 830 MR16 36D	0.5 s
929001194302	CorePro LEDspotLV ND 8-50W 840 MR16 36D	0.5 s
929001240502	CoreProLEDspotLV ND 8.2-50W 827 MR16 36D	0.5 s
929001240602	CoreProLEDspotLV ND 8.2-50W 840 MR16 36D	0.5 s
929001239902	CoreProLEDspotLV ND 2.8-20W 827 MR16 36D	0.5 s

Order Code	Full Product Name	Starting Time (Nom)
929001240302	CoreProLEDspotLV ND 4.7-35W 827 MR16 36D	0.5 s
929001240402	CoreProLEDspotLV ND 4.7-35W 840 MR16 36D	0.5 s
929001339202	CorePro LED spot 2.6-20W 827 MR11 36D	0.5 s
929001344002	CorePro LED spot ND 3-20W MR16 827 36D	0.5 s
929001344302	CorePro LED spot ND 5-35W MR16 827 36D	0.5 s
929001344502	CorePro LED spot ND 5-35W MR16 840 36D	0.5 s
929001344902	CorePro LED spot ND 8-50W MR16 827 36D	0.5 s

CorePro LEDspot LV

Order Code	Full Product Name	Starting Time (Nom)
929001345002	CorePro LED spot ND 8-50W MR16 830 36D	0.5 s

Order Code	Full Product Name	Starting Time (Nom)
929001345102	CorePro LED spot ND 8-50W MR16 840 36D	0.5 s

General Information

Order Code	Full Product Name	Cap-Base	Switching Cycle
929000251002	CorePro LEDspotLV 4.2-20W 827 MR16 36D	GU5.3	50000X
929001146232	CorePro LEDspotLV 5.5-35W 827 MR16 36D	GU5.3	50000X
929001194202	CorePro LEDspotLV ND 8-50W 830 MR16 36D	GU5.3	15000X
929001194302	CorePro LEDspotLV ND 8-50W 840 MR16 36D	GU5.3	15000X
929001240502	CoreProLEDspotLV ND 8.2-50W 827 MR16 36D	GU5.3	50000X
929001240602	CoreProLEDspotLV ND 8.2-50W 840 MR16 36D	GU5.3	50000X
929001239902	CoreProLEDspotLV ND 2.8-20W 827 MR16 36D	GU5.3	50000X
929001240302	CoreProLEDspotLV ND 4.7-35W 827 MR16 36D	GU5.3	50000X

Order Code	Full Product Name	Cap-Base	Switching Cycle
929001240402	CoreProLEDspotLV ND 4.7-35W 840 MR16 36D	GU5.3	50000X
929001339202	CorePro LED spot 2.6-20W 827 MR11 36D	GU4	50000X
929001344002	CorePro LED spot ND 3-20W MR16 827 36D	GU5.3	50000X
929001344302	CorePro LED spot ND 5-35W MR16 827 36D	GU5.3	50000X
929001344502	CorePro LED spot ND 5-35W MR16 840 36D	GU5.3	50000X
929001344902	CorePro LED spot ND 8-50W MR16 827 36D	GU5.3	50000X
929001345002	CorePro LED spot ND 8-50W MR16 830 36D	GU5.3	50000X
929001345102	CorePro LED spot ND 8-50W MR16 840 36D	GU5.3	50000X

Light Technical (1/2)

Order Code	Full Product Name	Correlated Color			
		Color Code	Temperature (Nom)	Light Distribution	Luminous Flux (Nom)
929000251002	CorePro LEDspotLV 4.2-20W 827 MR16 36D	827	2700 K	-	225 lm
929001146232	CorePro LEDspotLV 5.5-35W 827 MR16 36D	827	2700 K	Medium beam 36°	415 lm
929001194202	CorePro LEDspotLV ND 8-50W 830 MR16 36D	830	3000 K	-	710 lm
929001194302	CorePro LEDspotLV ND 8-50W 840 MR16 36D	840	4000 K	-	750 lm
929001240502	CoreProLEDspotLV ND 8.2-50W 827 MR16 36D	827	2700 K	-	621 lm
929001240602	CoreProLEDspotLV ND 8.2-50W 840 MR16 36D	840	4000 K	-	645 lm
929001239902	CoreProLEDspotLV ND 2.8-20W 827 MR16 36D	827	2700 K	-	250 lm
929001240302	CoreProLEDspotLV ND 4.7-35W 827 MR16 36D	827	2700 K	-	380 lm

Order Code	Full Product Name	Correlated Color			
		Color Code	Temperature (Nom)	Light Distribution	Luminous Flux (Nom)
929001240402	CoreProLEDspotLV ND 4.7-35W 840 MR16 36D	840	4000 K	-	395 lm
929001339202	CorePro LED spot 2.6-20W 827 MR11 36D	827	2700 K	-	190 lm
929001344002	CorePro LED spot ND 3-20W MR16 827 36D	827	2700 K	-	230 lm
929001344302	CorePro LED spot ND 5-35W MR16 827 36D	827	2700 K	-	345 lm
929001344502	CorePro LED spot ND 5-35W MR16 840 36D	840	4000 K	-	390 lm
929001344902	CorePro LED spot ND 8-50W MR16 827 36D	827	2700 K	-	621 lm
929001345002	CorePro LED spot ND 8-50W MR16 830 36D	830	3000 K	-	621 lm
929001345102	CorePro LED spot ND 8-50W MR16 840 36D	840	4000 K	-	630 lm

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)
929000251002	CorePro LEDspotLV 4.2-20W 827 MR16 36D	225 lm	550 cd
929001146232	CorePro LEDspotLV 5.5-35W 827 MR16 36D	415 lm	1000 cd
929001194202	CorePro LEDspotLV ND 8-50W 830 MR16 36D	710 lm	1400 cd
929001194302	CorePro LEDspotLV ND 8-50W 840 MR16 36D	750 lm	1500 cd
929001240502	CoreProLEDspotLV ND 8.2-50W 827 MR16 36D	621 lm	1400 cd

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)
929001240602	CoreProLEDspotLV ND 8.2-50W 840 MR16 36D	645 lm	1400 cd
929001239902	CoreProLEDspotLV ND 2.8-20W 827 MR16 36D	250 lm	500 cd
929001240302	CoreProLEDspotLV ND 4.7-35W 827 MR16 36D	380 lm	900 cd
929001240402	CoreProLEDspotLV ND 4.7-35W 840 MR16 36D	395 lm	900 cd
929001339202	CorePro LED spot 2.6-20W 827 MR11 36D	190 lm	400 cd

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Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)
929001344002	CorePro LED spot ND 3-20W MR16 827 36D	230 lm	600 cd
929001344302	CorePro LED spot ND 5-35W MR16 827 36D	345 lm	650 cd
929001344502	CorePro LED spot ND 5-35W MR16 840 36D	390 lm	650 cd

Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)
929001344902	CorePro LED spot ND 8-50W MR16 827 36D	621 lm	1100 cd
929001345002	CorePro LED spot ND 8-50W MR16 830 36D	621 lm	1100 cd
929001345102	CorePro LED spot ND 8-50W MR16 840 36D	630 lm	1100 cd

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
929000251002	CorePro LEDspotLV 4.2-20W 827 MR16 36D	MR16
929001146232	CorePro LEDspotLV 5.5-35W 827 MR16 36D	MR16
929001194202	CorePro LEDspotLV ND 8-50W 830 MR16 36D	MR16
929001194302	CorePro LEDspotLV ND 8-50W 840 MR16 36D	MR16
929001240502	CoreProLEDspotLV ND 8.2-50W 827 MR16 36D	MR16
929001240602	CoreProLEDspotLV ND 8.2-50W 840 MR16 36D	MR16
929001239902	CoreProLEDspotLV ND 2.8-20W 827 MR16 36D	MR16
929001240302	CoreProLEDspotLV ND 4.7-35W 827 MR16 36D	MR16

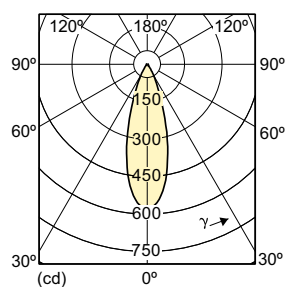
Order Code	Full Product Name	Bulb Shape
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929001339202	CorePro LED spot 2.6-20W 827 MR11 36D	MR11
929001344002	CorePro LED spot ND 3-20W MR16 827 36D	MR16
929001344302	CorePro LED spot ND 5-35W MR16 827 36D	MR16
929001344502	CorePro LED spot ND 5-35W MR16 840 36D	MR16
929001344902	CorePro LED spot ND 8-50W MR16 827 36D	MR16
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929001345102	CorePro LED spot ND 8-50W MR16 840 36D	MR16

Temperature

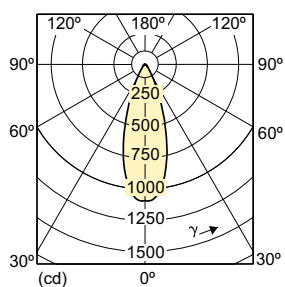
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929000251002	CorePro LEDspotLV 4.2-20W 827 MR16 36D	-
929001146232	CorePro LEDspotLV 5.5-35W 827 MR16 36D	65 °C
929001194202	CorePro LEDspotLV ND 8-50W 830 MR16 36D	-
929001194302	CorePro LEDspotLV ND 8-50W 840 MR16 36D	-
929001240502	CoreProLEDspotLV ND 8.2-50W 827 MR16 36D	86 °C
929001240602	CoreProLEDspotLV ND 8.2-50W 840 MR16 36D	86 °C
929001239902	CoreProLEDspotLV ND 2.8-20W 827 MR16 36D	76 °C
929001240302	CoreProLEDspotLV ND 4.7-35W 827 MR16 36D	76 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001240402	CoreProLEDspotLV ND 4.7-35W 840 MR16 36D	76 °C
929001339202	CorePro LED spot 2.6-20W 827 MR11 36D	79 °C
929001344002	CorePro LED spot ND 3-20W MR16 827 36D	68 °C
929001344302	CorePro LED spot ND 5-35W MR16 827 36D	82 °C
929001344502	CorePro LED spot ND 5-35W MR16 840 36D	82 °C
929001344902	CorePro LED spot ND 8-50W MR16 827 36D	90 °C
929001345002	CorePro LED spot ND 8-50W MR16 830 36D	90 °C
929001345102	CorePro LED spot ND 8-50W MR16 840 36D	90 °C

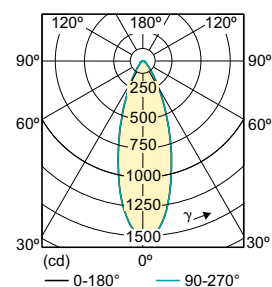
Light Distribution Diagrams



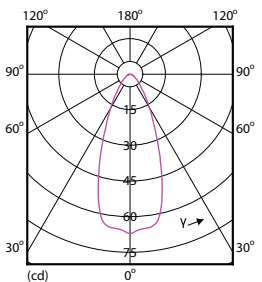
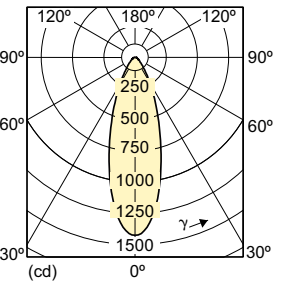
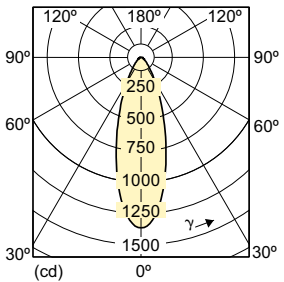
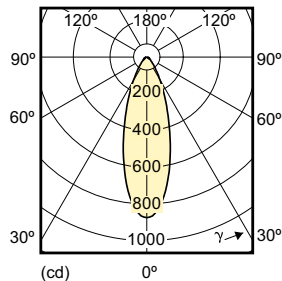
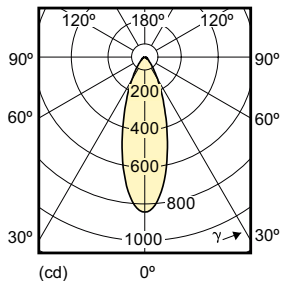
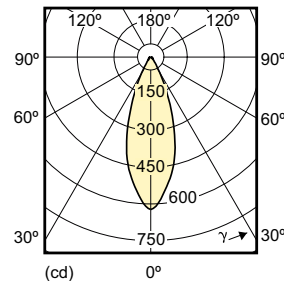
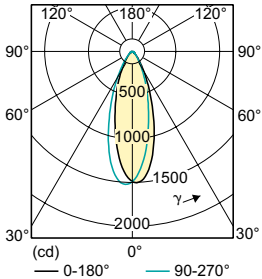
4.2-20W MR16 827 2700K 36D



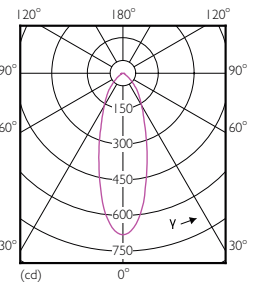
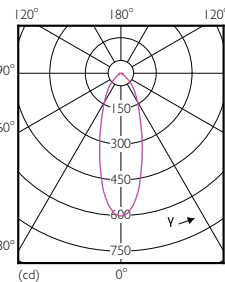
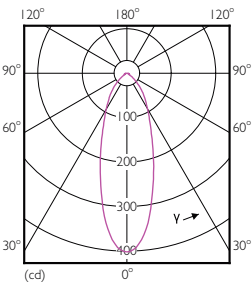
5.5-35W GU5.3 827 MR16 36D



Light Distribution Diagrams



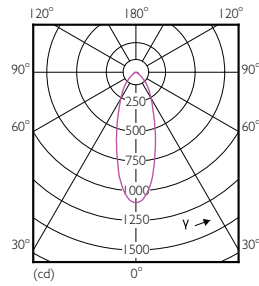
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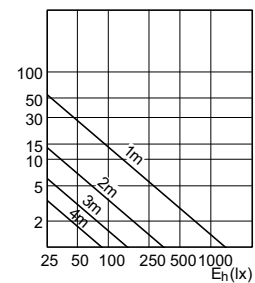
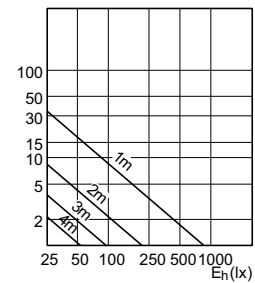
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CorePro LEDspotLV 35W GU5-3 827 36D

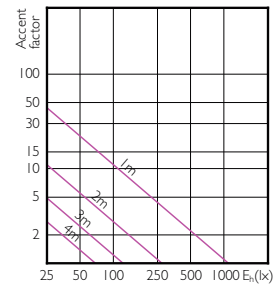
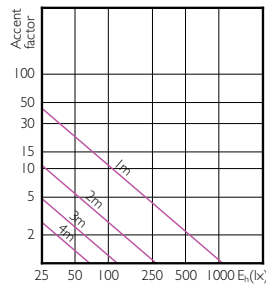
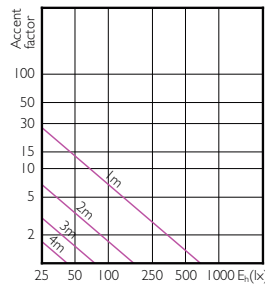
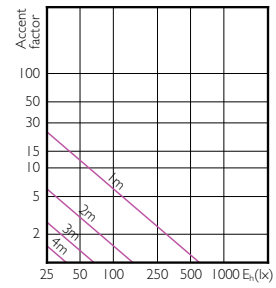
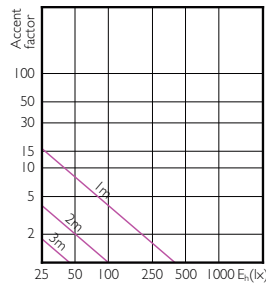
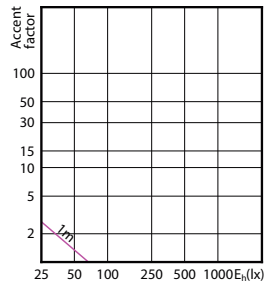
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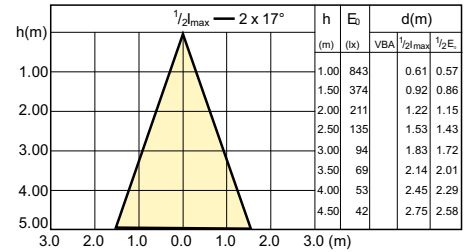
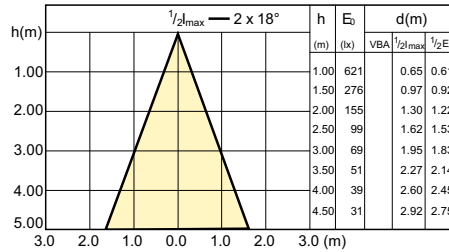
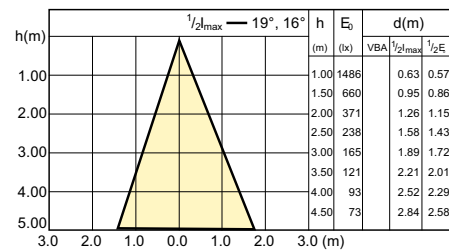
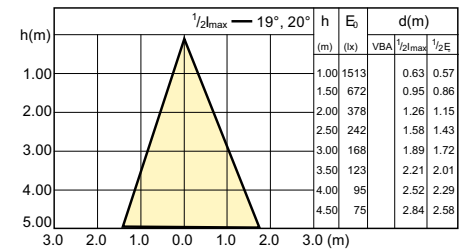
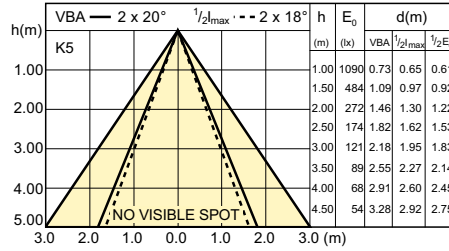
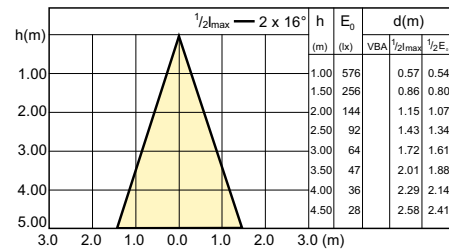
CorePro LEDspotLV 50W GU5-3 840 36D



Accent Diagrams



Beam Diagrams



Beam Diagrams

