



# 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. LEDlamps deliver huge energy savings and minimize maintenance cost.

#### Benefits

- $\cdot$  Warm white light
- $\cdot$  Up to 80% energy saving compared with halogen lamps
- Lower maintenance costs
- Broad compatibility with transformers

#### Features

- Easy retrofit
- Lifetime of 25,000 to 45,000 hours
- Compatible with an extensive range of dimmers
- 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

#### Versions



CorePro LEDspot LV 35W GU5-3 827 36D ND



MASTER LEDspot LV 35W GU5-3 827 36D VLE

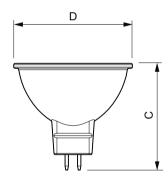


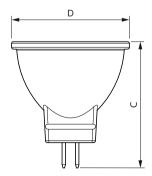
LEDspots Corepro SLR 2 MR16 GU5,3



LEDspot GU4 Classic MR11

#### **Dimensional drawing**





Product D с CorePro LED spot ND 2.9-20W MR16 827 36D 50.5 mm 45.5 mm CorePro LED spot ND 4.4-35W MR16 827 36D 50.5 mm 45.5 mm CorePro LED spot ND 4.4-35W MR16 840 36D 50.5 mm 45.5 mm CorePro LED spot ND 7-50W MR16 827 36D 50.5 mm 45 mm CorePro LED spot ND 7-50W MR16 830 36D 50.5 mm 45 mm CorePro LED spot ND 7-50W MR16 840 36D 50.5 mm 45 mm CorePro LEDspot 4.4-35W MR16 827 36D 5CT 50.5 mm 45.5 mm

Product	D	с
CorePro LED spot 2.3-20W 827 MR11 36D	35.5 mm	39.5 mm

General Information	
Switching Cycle	50,000
Light Technical	
Beam Angle (Nom)	36 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
Operating and Electrical	
Input Frequency	– Hz
Line Frequency	- Hz
Line Frequency Starting Time (Nom)	- Hz 0.5 s

### **General Information**

Order Code	Full Product Name	Con Door	No
Order Code	Full Product Name	Cap-Base	Nominal lifetime
30706300	CorePro LED spot ND 4.4-35W MR16 827 36D	GU5.3	15,000 hour(s)
30758200	CorePro LEDspot 4.4-35W MR16 827 36D 5CT	GU5.3	15,000 hour(s)
30708700	CorePro LED spot ND 4.4-35W MR16 840 36D	GU5.3	15,000 hour(s)
81471000	CorePro LED spot ND 7-50W MR16 827 36D	GU5.3	15,000 hour(s)
81477200	CorePro LED spot ND 7-50W MR16 830 36D	GU5.3	15,000 hour(s)
81479600	CorePro LED spot ND 7-50W MR16 840 36D	GU5.3	15,000 hour(s)
30704900	CorePro LED spot ND 2.9-20W MR16 827 36D	GU5.3	15,000 hour(s)
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	GU4	25,000 hour(s)

#### Light Technical

		Correlated			
		Color			Luminous
		Temperature	Color	Luminous	Intensity
Order Code	Full Product Name	(Nom)	Code	Flux	(Nom)
30706300	CorePro LED spot	2700 K	827	345 lm	650 cd
	ND 4.4-35W MR16				
	827 36D				
30758200	CorePro LEDspot	2700 K	827	345 lm	650 cd
	4.4-35W MR16 827				
	36D 5CT				
30708700	CorePro LED spot	4000 K	840	390 lm	750 cd
	ND 4.4-35W MR16				
	840 36D				
81471000	CorePro LED spot	2700 K	827	621 lm	1,400 cd
	ND 7-50W MR16				
	827 36D				

Color  Luminous    Temperature  Color  Luminous  Intensity    Order Code  Full Product Name  (Nom)  Code  Flux  (Nom)    81477200  CorePro LED spot  3000 K  830  621 lm  1,400 cd    ND 7-50W MR16  S30 36D  S400 K  840  660 lm  1,500 cd    81479600  CorePro LED spot  4000 K  840  660 lm  1,500 cd			Correlated			
Order Code  Full Product Name  (Nom)  Code  Flux  (Nom)    81477200  CorePro LED spot  3000 K  830  621 lm  1,400 cd    ND 7-50W MR16			Color			Luminous
81477200  CorePro LED spot  3000 K  830  621 lm  1,400 cd    ND 7-50W MR16  830 36D  500 K  840  660 lm  1,500 cd			Temperature	Color	Luminous	Intensity
ND 7-50W MR16 830 36D 81479600 CorePro LED spot 4000 K 840 660 lm 1,500 cd	Order Code	Full Product Name	(Nom)	Code	Flux	(Nom)
830 36D    81479600  CorePro LED spot  4000 K  840  660 lm  1,500 cd	81477200	CorePro LED spot	3000 K	830	621 lm	1,400 cd
81479600  CorePro LED spot  4000 K  840  660 lm  1,500 cd		ND 7-50W MR16				
		830 36D				
ND 7-50W MR16	81479600	CorePro LED spot	4000 K	840	660 lm	1,500 cd
		ND 7-50W MR16				
840 36D		840 36D				
30704900 CorePro LED spot 2700 K 827 230 lm 560 cd	30704900	CorePro LED spot	2700 K	827	230 lm	560 cd
ND 2.9-20W MR16		ND 2.9-20W MR16				
827 36D		827 36D				
65948600 CorePro LED spot 2700 K 827 184 lm 400 cd	65948600	CorePro LED spot	2700 K	827	184 lm	400 cd
2.3-20W 827 MR11		2.3-20W 827 MR11				
36D		36D				

#### **Operating and Electrical**

		Power	Wattage
Order Code	Full Product Name	Consumption	Equivalent
30706300	CorePro LED spot ND 4.4-35W	4.4 W	35 W
	MR16 827 36D		
30758200	CorePro LEDspot 4.4-35W MR16	4.4 W	35 W
	827 36D 5CT		
30708700	CorePro LED spot ND 4.4-35W	4.4 W	35 W
	MR16 840 36D		
81471000	CorePro LED spot ND 7-50W	7 W	50 W
	MR16 827 36D		

		Power	Wattage
Order Code	Full Product Name	Consumption	Equivalent
81477200	CorePro LED spot ND 7-50W	7 W	50 W
	MR16 830 36D		
81479600	CorePro LED spot ND 7-50W	7 W	50 W
	MR16 840 36D		
30704900	CorePro LED spot ND 2.9-20W	2.9 W	20 W
	MR16 827 36D		
65948600	CorePro LED spot 2.3-20W 827	2.3 W	20 W
	MR11 36D		

#### Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
30706300	CorePro LED spot ND 4.4-35W MR16 827 36D	85 °C
30758200	CorePro LEDspot 4.4-35W MR16 827 36D 5CT	85 °C
30708700	CorePro LED spot ND 4.4-35W MR16 840 36D	85 °C
81471000	CorePro LED spot ND 7-50W MR16 827 36D	85 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
81477200	CorePro LED spot ND 7-50W MR16 830 36D	85 °C
81479600	CorePro LED spot ND 7-50W MR16 840 36D	85 °C
30704900	CorePro LED spot ND 2.9-20W MR16 827 36D	75 °C
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	60 °C

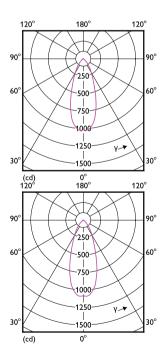
### Mechanical and Housing

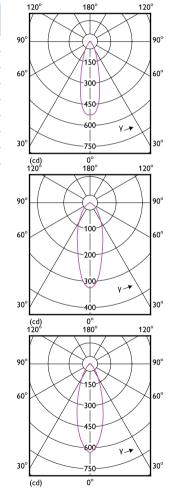
Order Code	Full Product Name	Bulb Finish	Bulb Shape
30706300	CorePro LED spot ND 4.4-35W MR16 827 36D	-	MR16
30758200	CorePro LEDspot 4.4-35W MR16 827 36D 5CT	-	MR16
30708700	CorePro LED spot ND 4.4-35W MR16 840 36D	-	MR16
81471000	CorePro LED spot ND 7-50W MR16 827 36D	-	MR16

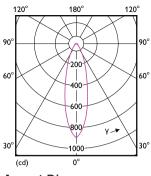
Order Code	Full Product Name	Bulb Finish	Bulb Shape
81477200	CorePro LED spot ND 7-50W MR16 830 36D	-	MR16
81479600	CorePro LED spot ND 7-50W MR16 840 36D	-	MR16
30704900	CorePro LED spot ND 2.9-20W MR16 827 36D	-	MR16
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	Clear	MR11

#### Approval and Application

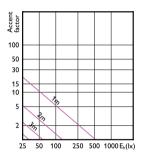
		Energy Consumption kWh/
Order Code	Full Product Name	1000 h
30706300	CorePro LED spot ND 4.4-35W MR16 827 36D	5 kWh
30758200	CorePro LEDspot 4.4-35W MR16 827 36D 5CT	5 kWh
30708700	CorePro LED spot ND 4.4-35W MR16 840 36D	5 kWh
81471000	CorePro LED spot ND 7-50W MR16 827 36D	7 kWh
81477200	CorePro LED spot ND 7-50W MR16 830 36D	7 kWh
81479600	CorePro LED spot ND 7-50W MR16 840 36D	7 kWh
30704900	CorePro LED spot ND 2.9-20W MR16 827 36D	3 kWh
65948600	CorePro LED spot 2.3-20W 827 MR11 36D	3 kWh



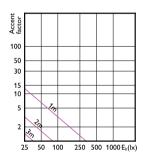




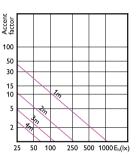
Accent Diagrams



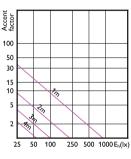
Accent Diagram - CorePro LED spot ND 2.9-20W MR16 827 36D



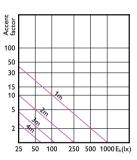
Accent Diagram - CorePro LED spot 2.3-20W 827 MR11 36D



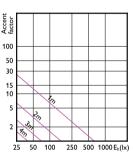
Accent Diagram - CorePro LED spot ND 7-50W MR16 840 36D





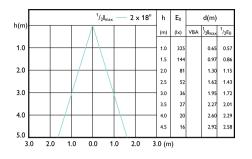


Accent Diagram - CorePro LED spot ND 7-50W MR16 827 36D

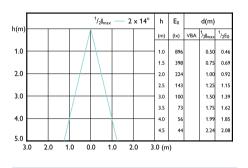


Accent Diagram - CorePro LED spot ND 4.4-35W MR16 827 36D

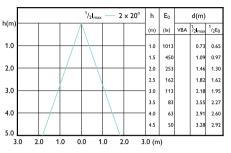
#### **Beam Diagrams**



Beam diagram - CorePro LED spot 2.3-20W 827 MR11 36D



Beam diagram - CorePro LED spot ND 4.4-35W MR16 840 36D





<sup>1</sup>/<sub>2</sub>I<sub>max</sub>

h(m

1.0

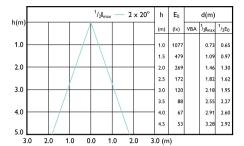
2.0

3.0

4.0

5.0

3.0 2.0 1.0 0.0 1.0 2.0







2 x 17°

 $\mathsf{E}_0$ 

(lx)

634

101

31

d(m)

2**.**m

0.61 0.57

0.92

1.22 1.15

1.53 1.43

1.83

2.14

2.45 2.29

2.75

/2E0

0.86

1.72

2.01

2.58

VBA

h

(m)

1.0

1.5 282

2.0 159

2.5

3.0 70

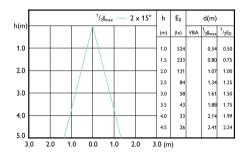
3.5 52

4.0 40

4.5

3.0 (m)





Beam diagram - CorePro LED spot ND 4.4-35W MR16 827 36D

Beam diagram - CorePro LED spot ND 2.9-20W MR16 827 36D



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