



Your everyday LEDspot MR16

Essential LEDSpot MR16

Essential LEDspots MR16 are compatible with most existing fixtures with a GU5.3 socket and are designed as a retrofit replacement for halogen spots. Essential LEDspots MR16 deliver significant energy savings and minimize initial investment.

Benefits

- Up to 90% energy saving compared with traditional halogen lamps
- Lower maintenance costs
- Low initial investment

Features

- Easy retrofit
- Lifetime up to 15,000 hours
- Non-dimmable
- UV- and IR-free light

Application

- Hotels, restaurants, bars, cafés, shops
- Lobbies, corridors, stairwells, washrooms, reception areas

Essential LEDSpot MR16

Versions



LEDspot GU5.3 MR16



GU5.3 MR16



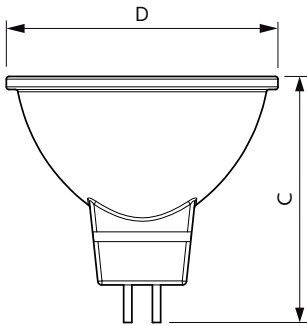
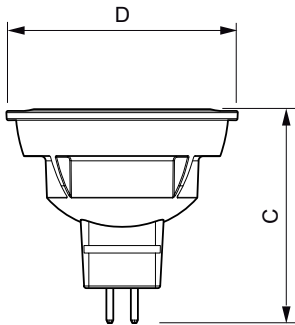
LEDspot GU5.3 MR16



GU5.3 MR16

Essential LEDSpot MR16

Dimensional drawing



Product	D	C
ESS LED MR16 4.5-50W 36D 830 100-240V	51 mm	49 mm
ESS LED MR16 3-35W 36D 865 100-240V	51 mm	49 mm
ESS LED MR16 4.5-50W 36D 830 100-240V	51 mm	49 mm
ESS LED MR16 4.5-50W 36D 865 100-240V	51 mm	49 mm
ESS LED MR16 3-35W 36D 865 100-240V	51 mm	49 mm
ESS LED MR16 3-35W 36D 830 100-240V	51 mm	49 mm
ESS LED MR16 4.5-50W 36D 865 100-240V	51 mm	49 mm
ESS LED MR16 3-35W 36D 830 100-240V	51 mm	49 mm
LED MR16 4.5-50W 36D 865 100-240V 1BC/4	51 mm	49 mm
LED MR16 4.5-50W 36D 830 100-240V 1BC/4	51 mm	49 mm
LED MR16 4.5-50W 36D 830 100-240V 1BC/6	51 mm	49 mm
LED MR16 4.5-50W36D 830 100-240V3BC/6THD	51 mm	49 mm
LED MR16 3-35W 36D 830 100-240V 1BC/6	51 mm	49 mm
LED MR16 4.5-50W36D 865 100-240V3BC/6THD	51 mm	49 mm
LED MR16 4.5-50W 36D 830 100-240V 3BC/6	51 mm	49 mm
LED MR16 4.5-50W 36D 865 100-240V 3BC/6	51 mm	49 mm
LED MR16 4.5-50W 36D 865 100-240V 1BC/6	51 mm	49 mm
LED MR16 3-35W 36D 865 100-240V 1BC/6	51 mm	49 mm

Product	D	C
Essential LED 5-50W 6500K MR16 24D	50 mm	46 mm
Essential LED 5-50W 2700K MR16 24D	50 mm	46 mm
LED spot 5-50W 120D 2700K 220V	50.5 mm	46.5 mm
LED spot 5-50W 120D 4000K 220V	50.5 mm	46.5 mm
LED spot 5-50W 120D 6500K 220V	50.5 mm	46.5 mm
LED spot 3-35W 120D 2700K 220V	50.5 mm	46.5 mm
LED spot 3-35W 120D 4000K 220V	50.5 mm	46.5 mm
LED spot 3-35W 120D 6500K 220V	50.5 mm	46.5 mm
ESS LED MR16 4.5-50W 36D 830 SO 100-240V	50.5 mm	46.5 mm
ESS LED MR16 3-35W 36D 830 SO 100-240V	50.5 mm	46.5 mm
ESS LED MR16 4.5-50W 36D 865 SO 100-240V	50.5 mm	46.5 mm
ESS LED MR16 3-35W 36D 865 SO 100-240V	50.5 mm	46.5 mm
LED MR16 4.5-50W 36D 865 SO 120V Dim 1BC	50.5 mm	46.5 mm
LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC	50.5 mm	46.5 mm
ESS LED MR16 4.5-50W 36D 830 SO 100-240V	50.5 mm	46.5 mm
ESS LED MR16 4.5-50W 36D 865 SO 100-240V	50.5 mm	46.5 mm
ESS LED MR16 3-35W 36D 830 SO 100-240V	50.5 mm	46.5 mm
ESS LED MR16 3-35W 36D 865 SO 100-240V	50.5 mm	46.5 mm
LED MR16 4.5-50W 36D 830 SO 120V Dim 1CT	50.5 mm	46.5 mm
LED MR16 4.5-50W 36D 865 SO 120V Dim 1CT	50.5 mm	46.5 mm
Essential LED 6.5-50W 827 MR16 36D	50.5 mm	45.5 mm
LED MR16 4.5-50W 36D 865 SO 100-240V 1BC	50.5 mm	46.5 mm
Essential LED 5-50W 6500K MR16 24D 1BC/6	50 mm	46 mm
LED MR16 4.5-50W 36D 830 SO 100-240V 1BC	50.5 mm	46.5 mm
Essential LED 5-50W 2700K MR16 24D 1BC/6	50 mm	46 mm

Essential LEDSpot MR16

Operating and Electrical	
Starting Time (Nom)	0.5 s
General Information	
Cap-Base	GU5.3
Switching Cycle	50000X
Light Technical	
Llmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and Housing	
Bulb Shape	MR16

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
929001240108	Essential LED 5-50W 2700K MR16 24D	-	A+
929001240111	Essential LED 5-50W 2700K MR16 24D 1BC/6	-	A+
929001240208	Essential LED 5-50W 6500K MR16 24D	-	A+
929001240211	Essential LED 5-50W 6500K MR16 24D 1BC/6	-	A+
929001274208	ESS LED MR16 3-35W 36D 830 100-240V	3 kWh	A++
929001274212	ESS LED MR16 3-35W 36D 830 100-240V	-	-
929001274241	LED MR16 3-35W 36D 830 100-240V 1BC/6	-	-
929001274408	ESS LED MR16 4.5-50W 36D 830 100-240V	5 kWh	A++
929001274411	LED MR16 4.5-50W 36D 830 100-240V 1BC/4	-	-
929001274412	ESS LED MR16 4.5-50W 36D 830 100-240V	-	-
929001274471	LED MR16 4.5-50W36D 830 100-240V3BC/6THD	-	-
929001274491	LED MR16 4.5-50W 36D 830 100-240V 3BC/6	-	-
929001274492	LED MR16 4.5-50W 36D 830 100-240V 1BC/6	-	-
929001274608	ESS LED MR16 3-35W 36D 865 100-240V	3 kWh	A++
929001274612	ESS LED MR16 3-35W 36D 865 100-240V	-	-
929001274641	LED MR16 3-35W 36D 865 100-240V 1BC/6	-	-
929001274808	ESS LED MR16 4.5-50W 36D 865 100-240V	5 kWh	A++
929001274811	LED MR16 4.5-50W 36D 865 100-240V 1BC/4	-	-

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
929001274812	ESS LED MR16 4.5-50W 36D 865 100-240V	-	-
929001274871	LED MR16 4.5-50W36D 865 100-240V3BC/6THD	-	-
929001274891	LED MR16 4.5-50W 36D 865 100-240V 3BC/6	-	-
929001274892	LED MR16 4.5-50W 36D 865 100-240V 1BC/6	-	-
929001844508	LED spot 5-50W 120D 2700K 220V	5 kWh	A+
929001844608	LED spot 5-50W 120D 4000K 220V	5 kWh	A+
929001844708	LED spot 5-50W 120D 6500K 220V	5 kWh	A+
929001844808	LED spot 3-35W 120D 2700K 220V	3 kWh	A+
929001844908	LED spot 3-35W 120D 4000K 220V	3 kWh	A+
929001845008	LED spot 3-35W 120D 6500K 220V	3 kWh	A+
929001874008	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	4.5 kWh	A+
929001874011	LED MR16 4.5-50W 36D 830 SO 100-240V 1BC	-	-
929001874012	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	-	-
929001874108	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	4.5 kWh	A+
929001874111	LED MR16 4.5-50W 36D 865 SO 100-240V 1BC	-	-
929001874112	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	-	-
929001874208	ESS LED MR16 3-35W 36D 830 SO 100-240V	3 kWh	A+
929001874212	ESS LED MR16 3-35W 36D 830 SO 100-240V	-	-
929001874308	ESS LED MR16 3-35W 36D 865 SO 100-240V	3 kWh	A+
929001874312	ESS LED MR16 3-35W 36D 865 SO 100-240V	-	-

Essential LEDSpot MR16

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
929001874412	LED MR16 4.5-50W 36D 830 SO 120V Dim 1CT	-	-
929001874471	LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC	-	-
929001874512	LED MR16 4.5-50W 36D 865 SO 120V Dim 1CT	-	-

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
929001874571	LED MR16 4.5-50W 36D 865 SO 120V Dim 1BC	-	-
929001975738	Essential LED 6.5-50W 827 MR16 36D	8 kWh	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
929001240108	Essential LED 5-50W 2700K MR16 24D	No
929001240111	Essential LED 5-50W 2700K MR16 24D 1BC/6	No
929001240208	Essential LED 5-50W 6500K MR16 24D	No
929001240211	Essential LED 5-50W 6500K MR16 24D 1BC/6	No
929001274208	ESS LED MR16 3-35W 36D 830 100-240V	No
929001274212	ESS LED MR16 3-35W 36D 830 100-240V	No
929001274241	LED MR16 3-35W 36D 830 100-240V 1BC/6	No
929001274408	ESS LED MR16 4.5-50W 36D 830 100-240V	No
929001274411	LED MR16 4.5-50W 36D 830 100-240V 1BC/4	No
929001274412	ESS LED MR16 4.5-50W 36D 830 100-240V	No
929001274471	LED MR16 4.5-50W36D 830 100-240V3BC/6THD	No
929001274491	LED MR16 4.5-50W 36D 830 100-240V 3BC/6	No
929001274492	LED MR16 4.5-50W 36D 830 100-240V 1BC/6	No
929001274608	ESS LED MR16 3-35W 36D 865 100-240V	No
929001274612	ESS LED MR16 3-35W 36D 865 100-240V	No
929001274641	LED MR16 3-35W 36D 865 100-240V 1BC/6	No
929001274808	ESS LED MR16 4.5-50W 36D 865 100-240V	No
929001274811	LED MR16 4.5-50W 36D 865 100-240V 1BC/4	No
929001274812	ESS LED MR16 4.5-50W 36D 865 100-240V	No
929001274871	LED MR16 4.5-50W36D 865 100-240V3BC/6THD	No
929001274891	LED MR16 4.5-50W 36D 865 100-240V 3BC/6	No
929001274892	LED MR16 4.5-50W 36D 865 100-240V 1BC/6	No

Order Code	Full Product Name	Dimmable
929001844508	LED spot 5-50W 120D 2700K 220V	No
929001844608	LED spot 5-50W 120D 4000K 220V	No
929001844708	LED spot 5-50W 120D 6500K 220V	No
929001844808	LED spot 3-35W 120D 2700K 220V	No
929001844908	LED spot 3-35W 120D 4000K 220V	No
929001845008	LED spot 3-35W 120D 6500K 220V	No
929001874008	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	No
929001874011	LED MR16 4.5-50W 36D 830 SO 100-240V 1BC	No
929001874012	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	No
929001874108	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	No
929001874111	LED MR16 4.5-50W 36D 865 SO 100-240V 1BC	No
929001874112	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	No
929001874208	ESS LED MR16 3-35W 36D 830 SO 100-240V	No
929001874212	ESS LED MR16 3-35W 36D 830 SO 100-240V	No
929001874308	ESS LED MR16 3-35W 36D 865 SO 100-240V	No
929001874312	ESS LED MR16 3-35W 36D 865 SO 100-240V	No
929001874412	LED MR16 4.5-50W 36D 830 SO 120V Dim 1CT	Yes
929001874471	LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC	Yes
929001874512	LED MR16 4.5-50W 36D 865 SO 120V Dim 1CT	Yes
929001874571	LED MR16 4.5-50W 36D 865 SO 120V Dim 1BC	Yes
929001975738	Essential LED 6.5-50W 827 MR16 36D	No

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Wattage Equivalent	Power (Rated)
929001240108	Essential LED 5-50W 2700K MR16 24D	-	12 V	50 W	5 W
929001240111	Essential LED 5-50W 2700K MR16 24D 1BC/6	-	12 V	50 W	5 W
929001240208	Essential LED 5-50W 6500K MR16 24D	-	12 V	50 W	5 W
929001240211	Essential LED 5-50W 6500K MR16 24D 1BC/6	-	12 V	50 W	5 W

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Wattage Equivalent	Power (Rated)
929001274208	ESS LED MR16 3-35W 36D 830 100-240V	50 to 60 Hz	100-240 V	35 W	3 W
929001274212	ESS LED MR16 3-35W 36D 830 100-240V	50 to 60 Hz	100-240 V	35 W	3 W
929001274241	LED MR16 3-35W 36D 830 100-240V 1BC/6	50 to 60 Hz	100-240 V	35 W	3 W
929001274408	ESS LED MR16 4.5-50W 36D 830 100-240V	50 to 60 Hz	100-240 V	50 W	4.5 W

Essential LEDSpot MR16

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
929001274411	LED MR16 4.5-50W 36D 830 100-240V 1BC/4	50 to 60 Hz	100-240 V	50 W	4.5 W
929001274412	ESS LED MR16 4.5-50W 36D 830 100-240V	50 to 60 Hz	100-240 V	50 W	4.5 W
929001274471	LED MR16 4.5-50W36D 830 100-240V3BC/6THD	50 to 60 Hz	100-240 V	50 W	4.5 W
929001274491	LED MR16 4.5-50W 36D 830 100-240V 3BC/6	50 to 60 Hz	100-240 V	50 W	4.5 W
929001274492	LED MR16 4.5-50W 36D 830 100-240V 1BC/6	50 to 60 Hz	100-240 V	50 W	4.5 W
929001274608	ESS LED MR16 3-35W 36D 865 100-240V	50 to 60 Hz	100-240 V	35 W	3 W
929001274612	ESS LED MR16 3-35W 36D 865 100-240V	50 to 60 Hz	100-240 V	35 W	3 W
929001274641	LED MR16 3-35W 36D 865 100-240V 1BC/6	50 to 60 Hz	100-240 V	35 W	3 W
929001274808	ESS LED MR16 4.5-50W 36D 865 100-240V	50 to 60 Hz	100-240 V	50 W	4.5 W
929001274811	LED MR16 4.5-50W 36D 865 100-240V 1BC/4	50 to 60 Hz	100-240 V	50 W	4.5 W
929001274812	ESS LED MR16 4.5-50W 36D 865 100-240V	50 to 60 Hz	100-240 V	50 W	4.5 W
929001274871	LED MR16 4.5-50W36D 865 100-240V3BC/6THD	50 to 60 Hz	100-240 V	50 W	4.5 W
929001274891	LED MR16 4.5-50W 36D 865 100-240V 3BC/6	50 to 60 Hz	100-240 V	50 W	4.5 W
929001274892	LED MR16 4.5-50W 36D 865 100-240V 1BC/6	50 to 60 Hz	100-240 V	50 W	4.5 W
929001844508	LED spot 5-50W 120D 2700K 220V	50 to 60 Hz	220 V	50 W	5 W
929001844608	LED spot 5-50W 120D 4000K 220V	50 to 60 Hz	220 V	50 W	5 W
929001844708	LED spot 5-50W 120D 6500K 220V	50 to 60 Hz	220 V	50 W	5 W
929001844808	LED spot 3-35W 120D 2700K 220V	50 to 60 Hz	220 V	35 W	3 W

Order Code	Full Product Name	Input Frequency	Voltage (Nom)	Wattage Equivalent	Power (Rated) (Nom)
929001844908	LED spot 3-35W 120D 4000K 220V	50 to 60 Hz	220 V	35 W	3 W
929001845008	LED spot 3-35W 120D 6500K 220V	50 to 60 Hz	220 V	35 W	3 W
929001874008	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	50 to 60 Hz	100-240 V	50 W	4.5 W
929001874011	LED MR16 4.5-50W 36D 830 SO 100-240V 1BC	50 to 60 Hz	100-240 V	50 W	4.5 W
929001874012	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	50 to 60 Hz	100-240 V	50 W	4.5 W
929001874108	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	50 to 60 Hz	100-240 V	50 W	4.5 W
929001874111	LED MR16 4.5-50W 36D 865 SO 100-240V 1BC	50 to 60 Hz	100-240 V	50 W	4.5 W
929001874112	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	50 to 60 Hz	100-240 V	50 W	4.5 W
929001874208	ESS LED MR16 3-35W 36D 830 SO 100-240V	50 to 60 Hz	100-240 V	35 W	3 W
929001874212	ESS LED MR16 3-35W 36D 830 SO 100-240V	50 to 60 Hz	100-240 V	35 W	3 W
929001874308	ESS LED MR16 3-35W 36D 865 SO 100-240V	50 to 60 Hz	100-240 V	35 W	3 W
929001874312	ESS LED MR16 3-35W 36D 865 SO 100-240V	50 to 60 Hz	100-240 V	35 W	3 W
929001874412	LED MR16 4.5-50W 36D 830 SO 120V Dim 1CT	60 Hz	120 V	50 W	4.5 W
929001874471	LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC	60 Hz	120 V	50 W	4.5 W
929001874512	LED MR16 4.5-50W 36D 865 SO 120V Dim 1CT	60 Hz	120 V	50 W	4.5 W
929001874571	LED MR16 4.5-50W 36D 865 SO 120V Dim 1BC	60 Hz	120 V	50 W	4.5 W
929001975738	Essential LED 6.5-50W 827 MR16 36D	-	ac electronic 12 V	50 W	6.5 W

General Information

Essential LEDSpot MR16

Order Code	Full Product Name	Nominal Lifetime (Nom)	Rated Lifetime (Hours)	Order Code	Full Product Name	Nominal Lifetime (Nom)	Rated Lifetime (Hours)
929001240108	Essential LED 5-50W 2700K MR16 24D	15000 h	15000 h	929001274892	LED MR16 4.5-50W 36D 865 100-240V	15000 h	15000 h
929001240111	Essential LED 5-50W 2700K MR16 24D 1BC/6	15000 h	15000 h	929001844508	LED spot 5-50W 120D 2700K 220V	10000 h	10000 h
929001240208	Essential LED 5-50W 6500K MR16 24D	15000 h	15000 h	929001844608	LED spot 5-50W 120D 4000K 220V	10000 h	10000 h
929001240211	Essential LED 5-50W 6500K MR16 24D 1BC/6	15000 h	15000 h	929001844708	LED spot 5-50W 120D 6500K 220V	10000 h	10000 h
929001274208	ESS LED MR16 3-35W 36D 830 100-240V	15000 h	15000 h	929001844808	LED spot 3-35W 120D 2700K 220V	10000 h	10000 h
929001274212	ESS LED MR16 3-35W 36D 830 100-240V	15000 h	15000 h	929001844908	LED spot 3-35W 120D 4000K 220V	10000 h	10000 h
929001274241	LED MR16 3-35W 36D 830 100-240V 1BC/6	15000 h	15000 h	929001845008	LED spot 3-35W 120D 6500K 220V	10000 h	10000 h
929001274408	ESS LED MR16 4.5-50W 36D 830 100-240V	15000 h	15000 h	929001874008	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	15000 h	15000 h
929001274411	LED MR16 4.5-50W 36D 830 100-240V 1BC/4	15000 h	15000 h	929001874011	LED MR16 4.5-50W 36D 830 SO 100-240V 1BC	15000 h	15000 h
929001274412	ESS LED MR16 4.5-50W 36D 830 100-240V	15000 h	15000 h	929001874012	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	15000 h	15000 h
929001274471	LED MR16 4.5-50W36D 830 100-240V3BC/6THD	15000 h	15000 h	929001874108	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	15000 h	15000 h
929001274491	LED MR16 4.5-50W 36D 830 100-240V 3BC/6	15000 h	15000 h	929001874111	LED MR16 4.5-50W 36D 865 SO 100-240V 1BC	15000 h	15000 h
929001274492	LED MR16 4.5-50W 36D 830 100-240V 1BC/6	15000 h	15000 h	929001874112	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	15000 h	15000 h
929001274608	ESS LED MR16 3-35W 36D 865 100-240V	15000 h	15000 h	929001874208	ESS LED MR16 3-35W 36D 830 SO 100-240V	15000 h	15000 h
929001274612	ESS LED MR16 3-35W 36D 865 100-240V	15000 h	15000 h	929001874212	ESS LED MR16 3-35W 36D 830 SO 100-240V	15000 h	15000 h
929001274641	LED MR16 3-35W 36D 865 100-240V 1BC/6	15000 h	15000 h	929001874308	ESS LED MR16 3-35W 36D 865 SO 100-240V	15000 h	15000 h
929001274808	ESS LED MR16 4.5-50W 36D 865 100-240V	15000 h	15000 h	929001874312	ESS LED MR16 3-35W 36D 865 SO 100-240V	15000 h	15000 h
929001274811	LED MR16 4.5-50W 36D 865 100-240V 1BC/4	15000 h	15000 h	929001874412	LED MR16 4.5-50W 36D 830 SO 120V Dim 1CT	15000 h	15000 h
929001274812	ESS LED MR16 4.5-50W 36D 865 100-240V	15000 h	15000 h	929001874471	LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC	15000 h	15000 h
929001274871	LED MR16 4.5-50W36D 865 100-240V3BC/6THD	15000 h	15000 h	929001874512	LED MR16 4.5-50W 36D 865 SO 120V Dim 1CT	15000 h	15000 h
929001274891	LED MR16 4.5-50W 36D 865 100-240V 3BC/6	15000 h	15000 h	929001874571	LED MR16 4.5-50W 36D 865 SO 120V Dim 1BC	15000 h	15000 h
				929001975738	Essential LED 6.5-50W 827 MR16 36D	15000 h	15000 h

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated Color Temperature (Nom)	Color			
					Rendering Index (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)
929001240108	Essential LED 5-50W 2700K MR16 24D	24 °	827	2700 K	80	400 lm	400 lm	1700 cd
929001240111	Essential LED 5-50W 2700K MR16 24D 1BC/6	24 °	827	2700 K	80	400 lm	400 lm	1700 cd
929001240208	Essential LED 5-50W 6500K MR16 24D	24 °	865	6500 K	80	435 lm	435 lm	1700 cd
929001240211	Essential LED 5-50W 6500K MR16 24D 1BC/6	24 °	865	6500 K	80	435 lm	435 lm	1700 cd
929001274208	ESS LED MR16 3-35W 36D 830 100-240V	36 °	830	3000 K	80	230 lm	230 lm	380 cd

Essential LEDSpot MR16

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated Color Temperature (Nom)	Color		Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)
					Rendering Index (Nom)				
929001274212	ESS LED MR16 3-35W 36D 830 100-240V	36 °	830	3000 K	80		230 lm	230 lm	380 cd
929001274241	LED MR16 3-35W 36D 830 100-240V 1BC/6	36 °	830	3000 K	80		230 lm	230 lm	380 cd
929001274408	ESS LED MR16 4.5-50W 36D 830 100-240V	36 °	830	3000 K	80		400 lm	400 lm	750 cd
929001274411	LED MR16 4.5-50W 36D 830 100-240V 1BC/4	36 °	830	3000 K	80		400 lm	400 lm	750 cd
929001274412	ESS LED MR16 4.5-50W 36D 830 100-240V	36 °	830	3000 K	80		400 lm	400 lm	750 cd
929001274471	LED MR16 4.5-50W36D 830 100-240V3BC/6THD	36 °	830	3000 K	80		400 lm	400 lm	750 cd
929001274491	LED MR16 4.5-50W 36D 830 100-240V 3BC/6	36 °	830	3000 K	80		400 lm	400 lm	750 cd
929001274492	LED MR16 4.5-50W 36D 830 100-240V 1BC/6	36 °	830	3000 K	80		400 lm	400 lm	750 cd
929001274608	ESS LED MR16 3-35W 36D 865 100-240V	36 °	865	6500 K	80		230 lm	230 lm	380 cd
929001274612	ESS LED MR16 3-35W 36D 865 100-240V	36 °	865	6500 K	80		230 lm	230 lm	380 cd
929001274641	LED MR16 3-35W 36D 865 100-240V 1BC/6	36 °	865	6500 K	80		230 lm	230 lm	380 cd
929001274808	ESS LED MR16 4.5-50W 36D 865 100-240V	36 °	865	6500 K	80		400 lm	400 lm	750 cd
929001274811	LED MR16 4.5-50W 36D 865 100-240V 1BC/4	36 °	865	6500 K	80		400 lm	400 lm	750 cd
929001274812	ESS LED MR16 4.5-50W 36D 865 100-240V	36 °	865	6500 K	80		400 lm	400 lm	750 cd
929001274871	LED MR16 4.5-50W36D 865 100-240V3BC/6THD	36 °	865	6500 K	80		400 lm	400 lm	750 cd
929001274891	LED MR16 4.5-50W 36D 865 100-240V 3BC/6	36 °	865	6500 K	80		400 lm	400 lm	750 cd
929001274892	LED MR16 4.5-50W 36D 865 100-240V 1BC/6	36 °	865	6500 K	80		400 lm	400 lm	750 cd
929001844508	LED spot 5-50W 120D 2700K 220V	120 °	727	2700 K	70		400 lm	400 lm	-
929001844608	LED spot 5-50W 120D 4000K 220V	120 °	740	4000 K	70		400 lm	400 lm	-
929001844708	LED spot 5-50W 120D 6500K 220V	120 °	765	6500 K	70		400 lm	400 lm	-
929001844808	LED spot 3-35W 120D 2700K 220V	120 °	727	2700 K	70		240 lm	240 lm	-
929001844908	LED spot 3-35W 120D 4000K 220V	120 °	740	4000 K	70		240 lm	240 lm	-
929001845008	LED spot 3-35W 120D 6500K 220V	120 °	765	6500 K	70		240 lm	240 lm	-
929001874008	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	36 °	830	3000 K	80		400 lm	400 lm	700 cd
929001874011	LED MR16 4.5-50W 36D 830 SO 100-240V 1BC	36 °	830	3000 K	80		400 lm	400 lm	700 cd
929001874012	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	36 °	830	3000 K	80		400 lm	400 lm	700 cd
929001874108	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	36 °	865	6500 K	80		400 lm	400 lm	700 cd
929001874111	LED MR16 4.5-50W 36D 865 SO 100-240V 1BC	36 °	865	6500 K	80		400 lm	400 lm	700 cd
929001874112	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	36 °	865	6500 K	80		400 lm	400 lm	700 cd
929001874208	ESS LED MR16 3-35W 36D 830 SO 100-240V	36 °	830	3000 K	80		230 lm	230 lm	550 cd
929001874212	ESS LED MR16 3-35W 36D 830 SO 100-240V	36 °	830	3000 K	80		230 lm	230 lm	550 cd
929001874308	ESS LED MR16 3-35W 36D 865 SO 100-240V	36 °	865	6500 K	80		230 lm	230 lm	550 cd
929001874312	ESS LED MR16 3-35W 36D 865 SO 100-240V	36 °	865	6500 K	80		230 lm	230 lm	550 cd
929001874412	LED MR16 4.5-50W 36D 830 SO 120V Dim 1CT	36 °	830	3000 K	80		400 lm	400 lm	750 cd
929001874471	LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC	36 °	830	3000 K	80		400 lm	400 lm	750 cd
929001874512	LED MR16 4.5-50W 36D 865 SO 120V Dim 1CT	36 °	865	6500 K	80		400 lm	400 lm	750 cd
929001874571	LED MR16 4.5-50W 36D 865 SO 120V Dim 1BC	36 °	865	6500 K	80		400 lm	400 lm	750 cd
929001975738	Essential LED 6.5-50W 827 MR16 36D	36 °	827	2700 K	80		500 lm	500 lm	800 cd

Light Technical (2/2)

Essential LEDSpot MR16

Order Code	Full Product Name	Rated Beam Angle
929001240108	Essential LED 5-50W 2700K MR16 24D	24 °
929001240111	Essential LED 5-50W 2700K MR16 24D 1BC/6	24 °
929001240208	Essential LED 5-50W 6500K MR16 24D	24 °
929001240211	Essential LED 5-50W 6500K MR16 24D 1BC/6	24 °
929001274208	ESS LED MR16 3-35W 36D 830 100-240V	36 °
929001274212	ESS LED MR16 3-35W 36D 830 100-240V	36 °
929001274241	LED MR16 3-35W 36D 830 100-240V 1BC/6	36 °
929001274408	ESS LED MR16 4.5-50W 36D 830 100-240V	36 °
929001274411	LED MR16 4.5-50W 36D 830 100-240V 1BC/4	36 °
929001274412	ESS LED MR16 4.5-50W 36D 830 100-240V	36 °
929001274471	LED MR16 4.5-50W36D 830 100-240V3BC/6THD	36 °
929001274491	LED MR16 4.5-50W 36D 830 100-240V 3BC/6	36 °
929001274492	LED MR16 4.5-50W 36D 830 100-240V 1BC/6	36 °
929001274608	ESS LED MR16 3-35W 36D 865 100-240V	36 °
929001274612	ESS LED MR16 3-35W 36D 865 100-240V	36 °
929001274641	LED MR16 3-35W 36D 865 100-240V 1BC/6	36 °
929001274808	ESS LED MR16 4.5-50W 36D 865 100-240V	36 °
929001274811	LED MR16 4.5-50W 36D 865 100-240V 1BC/4	36 °
929001274812	ESS LED MR16 4.5-50W 36D 865 100-240V	36 °
929001274871	LED MR16 4.5-50W36D 865 100-240V3BC/6THD	36 °
929001274891	LED MR16 4.5-50W 36D 865 100-240V 3BC/6	36 °
929001274892	LED MR16 4.5-50W 36D 865 100-240V 1BC/6	36 °

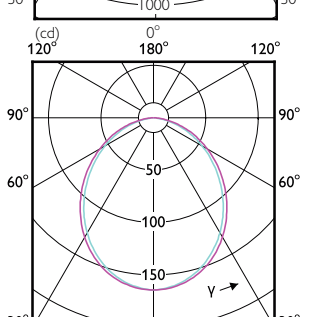
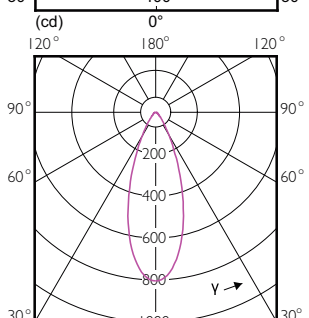
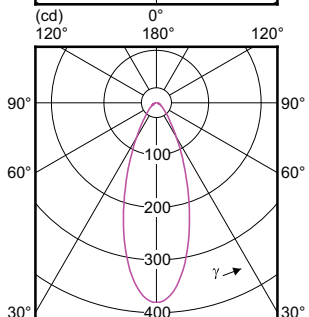
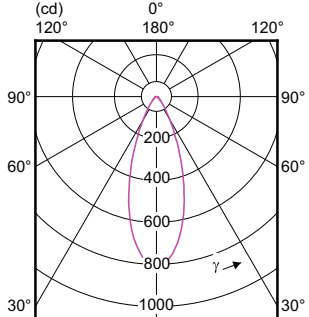
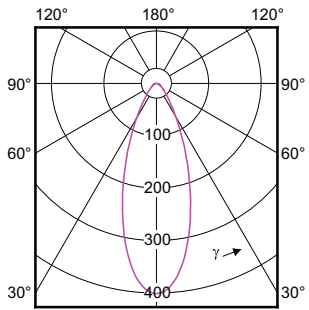
Order Code	Full Product Name	Rated Beam Angle
929001844508	LED spot 5-50W 120D 2700K 220V	120 °
929001844608	LED spot 5-50W 120D 4000K 220V	120 °
929001844708	LED spot 5-50W 120D 6500K 220V	120 °
929001844808	LED spot 3-35W 120D 2700K 220V	120 °
929001844908	LED spot 3-35W 120D 4000K 220V	120 °
929001845008	LED spot 3-35W 120D 6500K 220V	120 °
929001874008	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	36 °
929001874011	LED MR16 4.5-50W 36D 830 SO 100-240V 1BC	36 °
929001874012	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	36 °
929001874108	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	36 °
929001874111	LED MR16 4.5-50W 36D 865 SO 100-240V 1BC	36 °
929001874112	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	36 °
929001874208	ESS LED MR16 3-35W 36D 830 SO 100-240V	36 °
929001874212	ESS LED MR16 3-35W 36D 830 SO 100-240V	36 °
929001874308	ESS LED MR16 3-35W 36D 865 SO 100-240V	36 °
929001874312	ESS LED MR16 3-35W 36D 865 SO 100-240V	36 °
929001874412	LED MR16 4.5-50W 36D 830 SO 120V Dim 1CT	36 °
929001874471	LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC	36 °
929001874512	LED MR16 4.5-50W 36D 865 SO 120V Dim 1CT	36 °
929001874571	LED MR16 4.5-50W 36D 865 SO 120V Dim 1BC	36 °
929001975738	Essential LED 6.5-50W 827 MR16 36D	36 °

Temperature

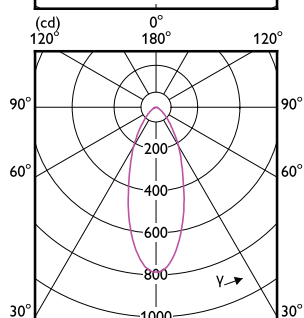
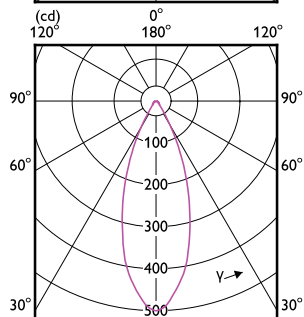
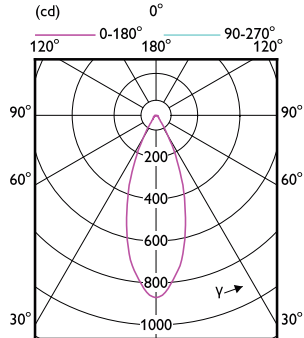
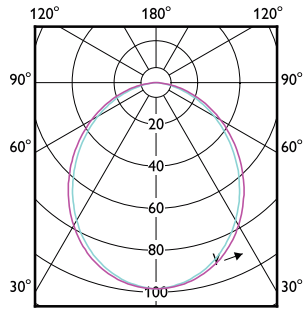
Order Code	Full Product Name	T-Case Maximum (Nom)
929001240108	Essential LED 5-50W 2700K MR16 24D	76 °C
929001240111	Essential LED 5-50W 2700K MR16 24D 1BC/6	76 °C
929001240208	Essential LED 5-50W 6500K MR16 24D	76 °C
929001240211	Essential LED 5-50W 6500K MR16 24D 1BC/6	76 °C
929001274208	ESS LED MR16 3-35W 36D 830 100-240V	70 °C
929001274212	ESS LED MR16 3-35W 36D 830 100-240V	70 °C
929001274241	LED MR16 3-35W 36D 830 100-240V 1BC/6	70 °C
929001274408	ESS LED MR16 4.5-50W 36D 830 100-240V	90 °C
929001274411	LED MR16 4.5-50W 36D 830 100-240V 1BC/4	90 °C
929001274412	ESS LED MR16 4.5-50W 36D 830 100-240V	90 °C
929001274471	LED MR16 4.5-50W36D 830 100-240V3BC/6THD	90 °C
929001274491	LED MR16 4.5-50W 36D 830 100-240V 3BC/6	90 °C
929001274492	LED MR16 4.5-50W 36D 830 100-240V 1BC/6	90 °C
929001274608	ESS LED MR16 3-35W 36D 865 100-240V	70 °C
929001274612	ESS LED MR16 3-35W 36D 865 100-240V	70 °C
929001274641	LED MR16 3-35W 36D 865 100-240V 1BC/6	70 °C
929001274808	ESS LED MR16 4.5-50W 36D 865 100-240V	90 °C
929001274811	LED MR16 4.5-50W 36D 865 100-240V 1BC/4	90 °C
929001274812	ESS LED MR16 4.5-50W 36D 865 100-240V	90 °C
929001274871	LED MR16 4.5-50W36D 865 100-240V3BC/6THD	90 °C
929001274891	LED MR16 4.5-50W 36D 865 100-240V 3BC/6	90 °C
929001274892	LED MR16 4.5-50W 36D 865 100-240V 1BC/6	90 °C
929001844508	LED spot 5-50W 120D 2700K 220V	70 °C
929001844608	LED spot 5-50W 120D 4000K 220V	70 °C
929001844708	LED spot 5-50W 120D 6500K 220V	70 °C
929001844808	LED spot 3-35W 120D 2700K 220V	70 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001844908	LED spot 3-35W 120D 4000K 220V	70 °C
929001845008	LED spot 3-35W 120D 6500K 220V	70 °C
929001874008	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	65 °C
929001874011	LED MR16 4.5-50W 36D 830 SO 100-240V 1BC	65 °C
929001874012	ESS LED MR16 4.5-50W 36D 830 SO 100-240V	65 °C
929001874108	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	65 °C
929001874111	LED MR16 4.5-50W 36D 865 SO 100-240V 1BC	65 °C
929001874112	ESS LED MR16 4.5-50W 36D 865 SO 100-240V	65 °C
929001874208	ESS LED MR16 3-35W 36D 830 SO 100-240V	55 °C
929001874212	ESS LED MR16 3-35W 36D 830 SO 100-240V	55 °C
929001874308	ESS LED MR16 3-35W 36D 865 SO 100-240V	55 °C
929001874312	ESS LED MR16 3-35W 36D 865 SO 100-240V	55 °C
929001874412	LED MR16 4.5-50W 36D 830 SO 120V Dim 1CT	65 °C
929001874471	LED MR16 4.5-50W 36D 830 SO 120V Dim 1BC	65 °C
929001874512	LED MR16 4.5-50W 36D 865 SO 120V Dim 1CT	65 °C
929001874571	LED MR16 4.5-50W 36D 865 SO 120V Dim 1BC	65 °C
929001975738	Essential LED 6.5-50W 827 MR16 36D	81 °C

Essential LEDSpot MR16



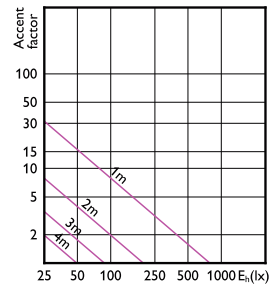
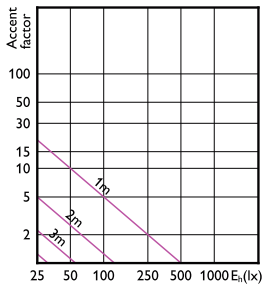
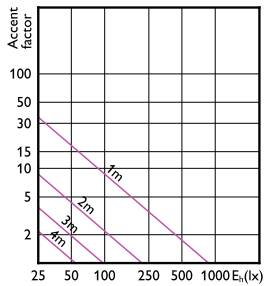
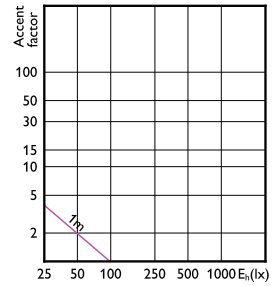
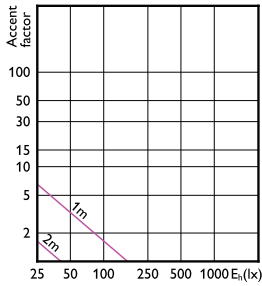
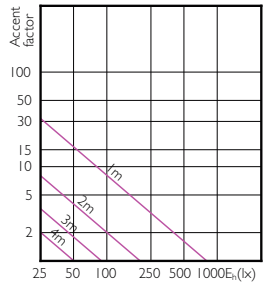
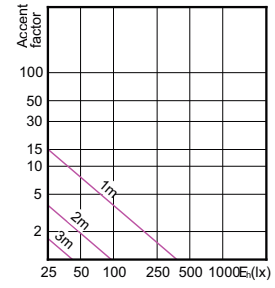
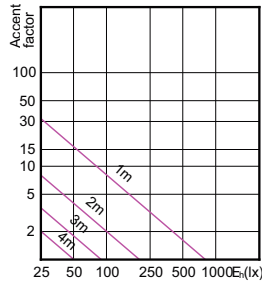
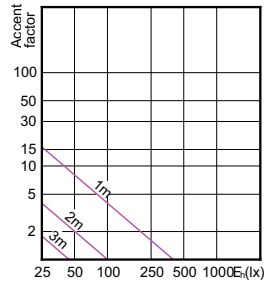
(cd) 0° 120° 180° 120°
 — 0-180° — 90-270°



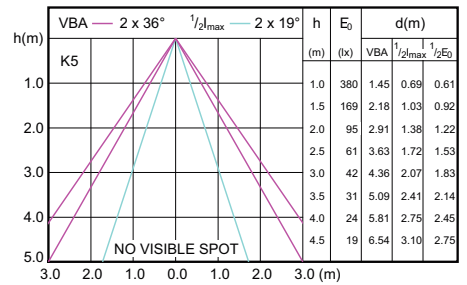
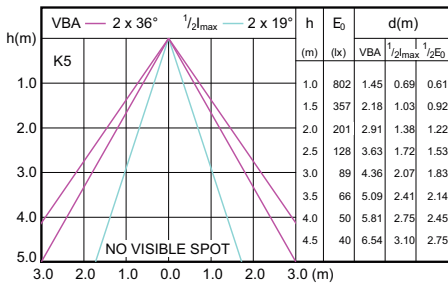
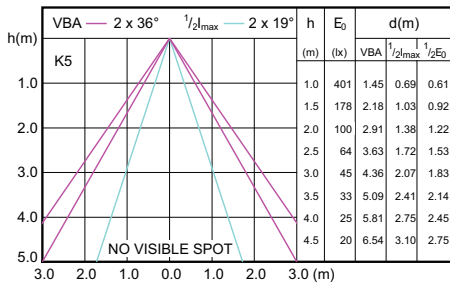
(cd) 0° 120° 180° 120°
 — 0-180° — 90-270°

Essential LEDSpot MR16

Accent Diagrams



Beam Diagrams



Essential LEDSpot MR16

Beam Diagrams

