



Trusted quality for best performance

Essential LV MR16

The Essential LV MR16 is part of the Philips "Value for Money" ranges. It is a good choice for professional end-users looking for high-quality accent light to create contrast in shops, hotels and restaurants.

Benefits

- Accent light to create the perfect focus on the objects to be lit
- Cool beam to minimize the effects of halogen light on sensitive objects
- Best dimmability to meet different brightness requirements

Features

- Bright sparkling light to create ambient atmosphere.
- Excellent color rendering (Ra=100) to present the true color of objects.
- Instant start to offer direct brightness from the moment switch on.
- No mercury to ensure the safety usage.
- Reliable quality to be trusted.

Application

- Shops, hotels and restaurants

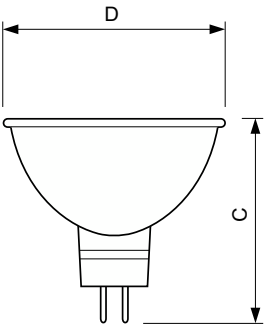
Essential LV MR16

Versions



LPPR HFIGHTER Open

Dimensional drawing



Product	D (max)	C (max)
ESSPlus MR16 35W GU5.3 12V 36D 1CT/10x5F	50.7 mm	46 mm
ESSPlus MR16 35W GU5.3 12V 60D 1CT/10x5F	50.7 mm	46 mm
ESSPlus MR16 35W GU5.3 12V 60D 2CT/10	50.7 mm	46 mm
ESSPlus MR16 35W GU5.3 12V 60D 6CT/5	50.7 mm	46 mm
ESSPlus MR16 50W GU5.3 12V 36D 1CT/10x5F		
ESSPlus MR16 50W GU5.3 12V 36D 2CT/6		
Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	51 mm	46 mm
Ess MR16 20W GU5.3 12V 36D ON 1CT/10X5F	50.7 mm	46 mm
Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	51 mm	46 mm
Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	51 mm	46 mm
Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F	50.7 mm	46 mm
Ess MR16 50W GU5.3 12V 60D 1CT/10X5F		

General Information	
Cap-Base	GU5.3
Light Technical	
Color rendering index (CRI)	100
Operating and Electrical	
Voltage (Nom)	12 V
Starting Time (Nom)	0.0 s
Mechanical and Housing	
Bulb Shape	MR16

General Information

Essential LV MR16

Order Code	Full Product Name	Rated	Switching Cycle	Nominal lifetime	Operating Position
		Lifetime (Hours)			
924045317186	Ess MR16 20W	2,000	-	2,000 hour(s)	UNIVERSAL
	GU5.3 12V 36D ON	hour(s)			
	1CT/10X5F				
924045517186	Ess MR16 50W	2,000	-	2,000 hour(s)	UNIVERSAL
	GU5.3 12V 36D ON	hour(s)			
	1CT/10X5F				
924049517186	Ess MR16 20W	2,000	8,000	2,000 hour(s)	UNIVERSAL
	GU5.3 12V 36D	hour(s)			
	1CT/10X5F				
924049617186	Ess MR16 35W	2,000	8,000	2,000 hour(s)	UNIVERSAL
	GU5.3 12V 36D	hour(s)			
	1CT/10X5F				
925696817102	ESSPlus MR16	-	-	2,000 hour(s)	-
	50W GU5.3 12V				
	36D 2CT/6				
925696817104	ESSPlus MR16	-	-	3,000 hour(s)	-
	50W GU5.3 12V				
	36D 1CT/10x5F				

Order Code	Full Product Name	Rated	Switching Cycle	Nominal lifetime	Operating Position
		Lifetime (Hours)			
925696917104	Ess MR16 50W	-	-	2,000 hour(s)	-
	GU5.3 12V 60D				
	1CT/10X5F				
925711817102	ESSPlus MR16	3,000	-	3,000 hour(s)	UNIVERSAL
	35W GU5.3 12V	hour(s)			
	36D 1CT/10x5F				
925711917101	ESSPlus MR16	3,000	-	3,000 hour(s)	UNIVERSAL
	35W GU5.3 12V	hour(s)			
	60D 2CT/10				
925711917102	ESSPlus MR16	3,000	-	3,000 hour(s)	UNIVERSAL
	35W GU5.3 12V	hour(s)			
	60D 1CT/10x5F				
925711917104	ESSPlus MR16	3,000	-	3,000 hour(s)	UNIVERSAL
	35W GU5.3 12V	hour(s)			
	60D 6CT/5				
926000850012	Ess MR16 50W	2,000	8,000	2,000 hour(s)	UNIVERSAL
	GU5.3 12V 36D	hour(s)			
	1CT/10X5F				

Light Technical

Order Code	Full Product Name	Beam Angle	Correlated Color
		(Nom)	Temperature (Nom)
924045317186	Ess MR16 20W GU5.3 12V 36D	36 degree(s)	3000 K
	ON 1CT/10X5F		
924045517186	Ess MR16 50W GU5.3 12V 36D	36 degree(s)	3000 K
	ON 1CT/10X5F		
924049517186	Ess MR16 20W GU5.3 12V 36D	36 degree(s)	3000 K
	1CT/10X5F		
924049617186	Ess MR16 35W GU5.3 12V 36D	36 degree(s)	3000 K
	1CT/10X5F		
925696817102	ESSPlus MR16 50W GU5.3 12V	36 degree(s)	-
	36D 2CT/6		
925696817104	ESSPlus MR16 50W GU5.3 12V	36 degree(s)	-
	36D 1CT/10x5F		

Order Code	Full Product Name	Beam Angle	Correlated Color
		(Nom)	Temperature (Nom)
925696917104	Ess MR16 50W GU5.3 12V 60D	60 degree(s)	-
	1CT/10X5F		
925711817102	ESSPlus MR16 35W GU5.3 12V	36 degree(s)	2700 K
	36D 1CT/10x5F		
925711917101	ESSPlus MR16 35W GU5.3 12V	60 degree(s)	2700 K
	60D 2CT/10		
925711917102	ESSPlus MR16 35W GU5.3 12V	60 degree(s)	2700 K
	60D 1CT/10x5F		
925711917104	ESSPlus MR16 35W GU5.3 12V	60 degree(s)	2700 K
	60D 6CT/5		
926000850012	Ess MR16 50W GU5.3 12V 36D	36 degree(s)	3000 K
	1CT/10X5F		

Operating and Electrical

Order Code	Full Product Name	Lamp	Power
		Current (Nom)	Consumption
924045317186	Ess MR16 20W GU5.3 12V 36D ON	1.67 A	20 W
	1CT/10X5F		
924045517186	Ess MR16 50W GU5.3 12V 36D ON	4.17 A	50 W
	1CT/10X5F		
924049517186	Ess MR16 20W GU5.3 12V 36D	1.67 A	20 W
	1CT/10X5F		

Order Code	Full Product Name	Lamp	Power
		Current (Nom)	Consumption
924049617186	Ess MR16 35W GU5.3 12V 36D 1CT/	2.92 A	35 W
	10X5F		
925696817102	ESSPlus MR16 50W GU5.3 12V 36D	4.17 A	50 W
	2CT/6		
925696817104	ESSPlus MR16 50W GU5.3 12V 36D	4.17 A	50 W
	1CT/10x5F		

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Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
925696917104	Ess MR16 50W GU5.3 12V 60D 1CT/10X5F	-	50 W
925711817102	ESSPlus MR16 35W GU5.3 12V 36D 1CT/10x5F	-	35 W
925711917101	ESSPlus MR16 35W GU5.3 12V 60D 2CT/10	-	35 W

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
925711917102	ESSPlus MR16 35W GU5.3 12V 60D 1CT/10x5F	-	35 W
925711917104	ESSPlus MR16 35W GU5.3 12V 60D 6CT/5	-	35 W
926000850012	Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	4.17 A	50 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
924045317186	Ess MR16 20W GU5.3 12V 36D ON 1CT/10X5F	Yes
924045517186	Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F	Yes
924049517186	Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	Yes
924049617186	Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	Yes
925696817102	ESSPlus MR16 50W GU5.3 12V 36D 2CT/6	Yes
925696817104	ESSPlus MR16 50W GU5.3 12V 36D 1CT/10x5F	Yes

Order Code	Full Product Name	Dimmable
925696917104	Ess MR16 50W GU5.3 12V 60D 1CT/10X5F	-
925711817102	ESSPlus MR16 35W GU5.3 12V 36D 1CT/10x5F	Yes
925711917101	ESSPlus MR16 35W GU5.3 12V 60D 2CT/10	Yes
925711917102	ESSPlus MR16 35W GU5.3 12V 60D 1CT/10x5F	Yes
925711917104	ESSPlus MR16 35W GU5.3 12V 60D 6CT/5	Yes
926000850012	Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	Yes

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
924045317186	Ess MR16 20W GU5.3 12V 36D ON 1CT/10X5F	-
924045517186	Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F	-
924049517186	Ess MR16 20W GU5.3 12V 36D 1CT/10X5F	-
924049617186	Ess MR16 35W GU5.3 12V 36D 1CT/10X5F	-
925696817102	ESSPlus MR16 50W GU5.3 12V 36D 2CT/6	-
925696817104	ESSPlus MR16 50W GU5.3 12V 36D 1CT/10x5F	-

Order Code	Full Product Name	Energy Consumption kWh/1000 h
925696917104	Ess MR16 50W GU5.3 12V 60D 1CT/10X5F	-
925711817102	ESSPlus MR16 35W GU5.3 12V 36D 1CT/10x5F	-
925711917101	ESSPlus MR16 35W GU5.3 12V 60D 2CT/10	-
925711917102	ESSPlus MR16 35W GU5.3 12V 60D 1CT/10x5F	-
925711917104	ESSPlus MR16 35W GU5.3 12V 60D 6CT/5	-
926000850012	Ess MR16 50W GU5.3 12V 36D 1CT/10X5F	53 kWh

