



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

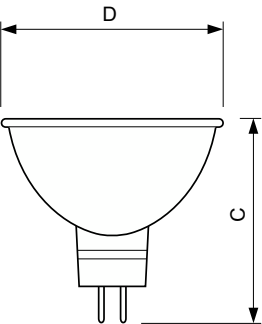
Essential LV MR16

Versions



LPPR1_HFIGHTER_Closed.JPG

Dimensional drawing



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

Order Code	Full Product Name	Rated			
		Lifetime (Hours)	Switching Cycle	Nominal lifetime	Operating Position
924045517186	50 W GU5.3 cap Warm white Halogen spot	2,000 hour(s)	-	2,000 hour(s)	UNIVERSAL

Product		
20 W GU5.3 cap Warm white Halogen spot	51 mm	46 mm
35 W GU5.3 cap Warm white Halogen spot	51 mm	46 mm
35 W GU5.3 cap Warm white Halogen spot	50.7 mm	46 mm
50 W GU5.3 cap Warm white Halogen spot		
50 W GU5.3 cap Warm white Halogen spot	51 mm	46 mm
50 W GU5.3 cap Warm white Halogen spot	50.7 mm	46 mm
50 W GU5.3 cap Warm white Halogen spot		
50 W GU5.3 cap Warm white Halogen spot		
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 6CT/5	50.7 mm	46 mm

Order Code	Full Product Name	Rated			
		Lifetime (Hours)	Switching Cycle	Nominal lifetime	Operating Position
924049517186	20 W GU5.3 cap Warm white Halogen spot	2,000 hour(s)	8,000	2,000 hour(s)	UNIVERSAL

Essential LV MR16

Order Code	Full Product Name	Rated	Switching Cycle	Nominal lifetime	Operating Position
		Lifetime (Hours)			
924049617186	35 W GU5.3 cap	2,000	8,000	2,000 hour(s)	UNIVERSAL
	Warm white	hour(s)			
	Halogen spot				
925696817102	50 W GU5.3 cap	-	-	2,000 hour(s)	-
	Warm white				
	Halogen spot				
925696817104	50 W GU5.3 cap	-	-	3,000 hour(s)	-
	Warm white				
	Halogen spot				
925696917104	50 W GU5.3 cap	-	-	2,000 hour(s)	-
	Warm white				
	Halogen spot				
925711917101	35 W GU5.3 cap	3,000	-	3,000 hour(s)	UNIVERSAL
	Warm white	hour(s)			
	Halogen spot				

Order Code	Full Product Name	Rated	Switching Cycle	Nominal lifetime	Operating Position
		Lifetime (Hours)			
926000850012	50 W GU5.3 cap	2,000	8,000	2,000 hour(s)	UNIVERSAL
	Warm white	hour(s)			
	Halogen spot				
925711817102	ESSPlus MR16	3,000	-	3,000 hour(s)	UNIVERSAL
	35W GU5.3 12V	hour(s)			
	36D 1CT/10x5F				
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				

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	
924045517186	50 W GU5.3 cap Warm white	36 degree(s)	3000 K	
	Halogen spot			
924049517186	20 W GU5.3 cap Warm white	36 degree(s)	3000 K	
	Halogen spot			
924049617186	35 W GU5.3 cap Warm white	36 degree(s)	3000 K	
	Halogen spot			
925696817102	50 W GU5.3 cap Warm white	36 degree(s)	-	
	Halogen spot			
925696817104	50 W GU5.3 cap Warm white	36 degree(s)	-	
	Halogen spot			
925696917104	50 W GU5.3 cap Warm white	60 degree(s)	-	
	Halogen spot			

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	
925711917101	35 W GU5.3 cap Warm white	60 degree(s)	2700 K	
	Halogen spot			
926000850012	50 W GU5.3 cap Warm white	36 degree(s)	3000 K	
	Halogen spot			
925711817102	ESSPlus MR16 35W GU5.3 12V	36 degree(s)	2700 K	
	36D 1CT/10x5F			
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			

Operating and Electrical

Order Code	Full Product Name	Lamp	Power
		Current (Nom)	Consumption
924045517186	50 W GU5.3 cap Warm white	4.17 A	50 W
	Halogen spot		
924049517186	20 W GU5.3 cap Warm white	1.67 A	20 W
	Halogen spot		
924049617186	35 W GU5.3 cap Warm white	2.92 A	35 W
	Halogen spot		
925696817102	50 W GU5.3 cap Warm white	4.17 A	50 W
	Halogen spot		
925696817104	50 W GU5.3 cap Warm white	4.17 A	50 W
	Halogen spot		
925696917104	50 W GU5.3 cap Warm white	-	50 W
	Halogen spot		

Order Code	Full Product Name	Lamp	Power
		Current (Nom)	Consumption
925711917101	35 W GU5.3 cap Warm white	-	35 W
	Halogen spot		
926000850012	50 W GU5.3 cap Warm white	4.17 A	50 W
	Halogen spot		
925711817102	ESSPlus MR16 35W GU5.3 12V 36D	-	35 W
	1CT/10x5F		
925711917102	ESSPlus MR16 35W GU5.3 12V	-	35 W
	60D 1CT/10x5F		
925711917104	ESSPlus MR16 35W GU5.3 12V	-	35 W
	60D 6CT/5		

Essential LV MR16

Controls and Dimming

Order Code	Full Product Name	Dimmable
924045517186	50 W GU5.3 cap Warm white Halogen spot	Yes
924049517186	20 W GU5.3 cap Warm white Halogen spot	Yes
924049617186	35 W GU5.3 cap Warm white Halogen spot	Yes
925696817102	50 W GU5.3 cap Warm white Halogen spot	Yes
925696817104	50 W GU5.3 cap Warm white Halogen spot	Yes
925696917104	50 W GU5.3 cap Warm white Halogen spot	-

Order Code	Full Product Name	Dimmable
925711917101	35 W GU5.3 cap Warm white Halogen spot	Yes
926000850012	50 W GU5.3 cap Warm white Halogen spot	Yes
925711817102	ESSPlus MR16 35W GU5.3 12V 36D 1CT/10x5F	Yes
925711917102	ESSPlus MR16 35W GU5.3 12V 60D 1CT/10x5F	Yes
925711917104	ESSPlus MR16 35W GU5.3 12V 60D 6CT/5	Yes

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
924045517186	50 W GU5.3 cap Warm white Halogen spot	-
924049517186	20 W GU5.3 cap Warm white Halogen spot	-
924049617186	35 W GU5.3 cap Warm white Halogen spot	-
925696817102	50 W GU5.3 cap Warm white Halogen spot	-
925696817104	50 W GU5.3 cap Warm white Halogen spot	-
925696917104	50 W GU5.3 cap Warm white Halogen spot	-

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

