

LED MR16 Series

Semi-modulised Product Data Sheet

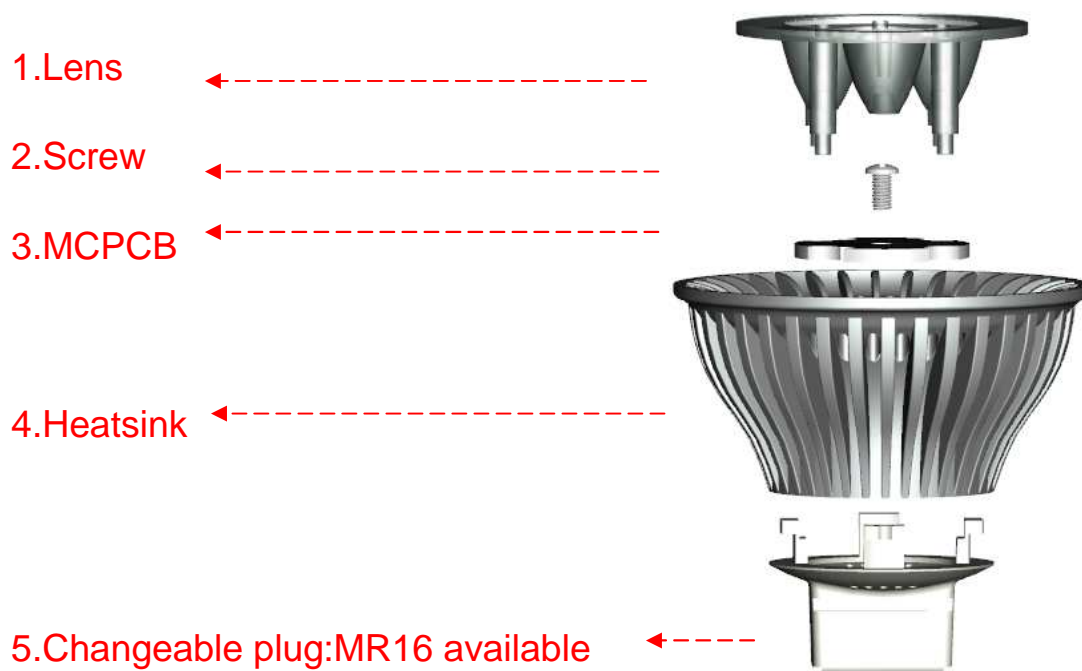


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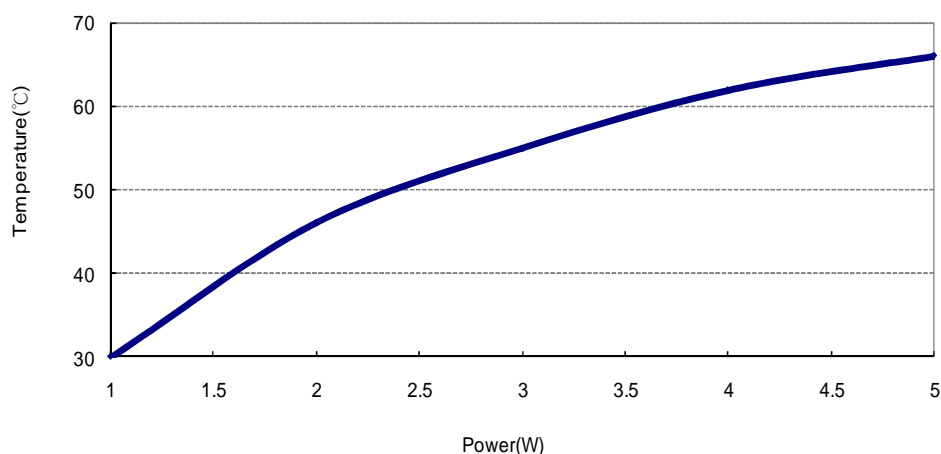
Introduction

MR16 series of customised lighting components (excluding LED & driver) have been integrated for certain models of lighting lamp. With our component modules and its accessories, lamp manufacturers are able to reduce the new product developing cost. Ledlink offers “one stop shopping” concept, bringing our clients time and cost effective to meet the rapid market shift.









Features

- 50 mm MR16 series diameter
- Thermal conductivity 130 W/mk
- Compatible Lens : 3 in 1 、 4 in 1 、 customization
- Changeable plug : MR16 、 customization
- Lens efficiency 90%
- Input Power (Watts) : 5W (max)
- Weight : 36.5g (excluding Driver & LED)
- Plastic Housing temperature (max) : 75° C
- Heat sink equilibrium temperature (max) : 66° C
- Temperature & Operate Power characteristics





Compatible LED & Lens

Condition : 3in1 Lens








LED Type	LED Model	Angle
	1LA5	40°
		60°
	Federal	40°
		60°
	Rebel	15°
		25°
		40°
	XR-E	40°
		60°
	XP-E	15°
		25°
		40°
		60°
	NS9W153MT	40°
		60°
	083A	40°
		60°
	P4	40°
		60°
	W5AM	40°
		60°

Compatible LED & Lens

Condition : 4in1 Lens

LED Type	LED Model	Angle
	Rebel	15°
		25°
		40°
	XP-E	15°
		25°
		40°

Part number

Item	Picture	Description	Part number	Dimension
Lens		3 in 1 40 degree	LL03ED-EK40L06	Φ 35 x 13.5mm
		3 in 1 60 degree	LL03ED-EK60L06	
		3 in 1 15 degree	LL03LU-DO15L06	
		3 in 1 25 degree	LL03LU-DO25L06	
		3 in 1 40 degree	LL03LU-DO40L06	
		3 in 1 40 degree	LL03CR-EK40L06	
		3 in 1 60 degree	LL03CR-EL60L06	
		4 in 1 15 degree	LL04LU-DO15L06	Φ 35x 13.5mm
		4 in 1 25 degree	LL04LU-DO25L06	
		4 in 1 40 degree	LL04LU-DO40L06	
Heat sink		Heat sink	LDKS-016101-001	Φ 50x 24.8mm
Lamp base		GU5.3-MR16 lamp socket	LL16A01BCKA2	Φ 27x21.6mm
Screw		To fix the MCPCB with the heat sink	LDK01-01-001	M2*4.5MM

Part number

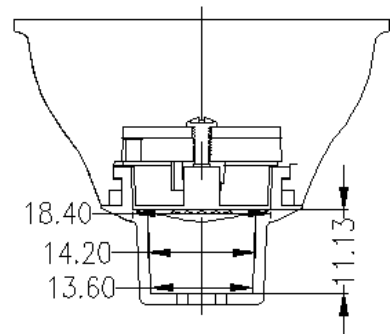
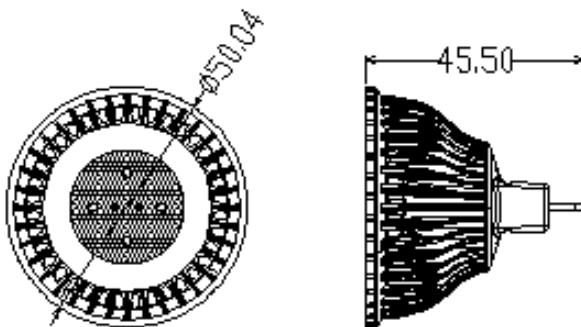
Item	Picture	Description	Part number	Dimension
MCPCB		1LA5 3in1	LDKPED-03C2BS4-01	Φ 21x 1.6mm
		XR-E 3in1	LDKPCR-03C2BS4-01	
		XP-E 3in1	LDKPCR-03C3BS4-01	
		Federal ,Rebel 3in1	LDKPED-03C3BS4-02	
		Federal ,Rebel 4in1	LDKPED-04C3BS4-01	
		XP-E 4in1	LDKPCR-04C3BS4-02	
		XP-E 4in1	LDKPCR-04C3BS4-01	
		XP-E 4in1	LDKPOS-04C3WS4-01	

Dimension

■ MR16

Mechanical Dimension (mm)

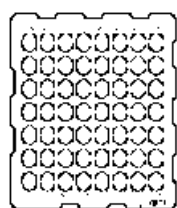
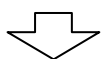
Driver Space (mm)



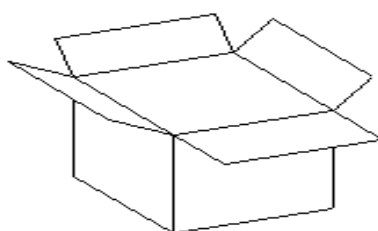
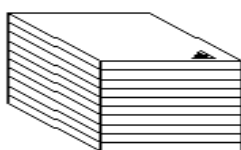
Package

■ Changeable plug : MR16 Package

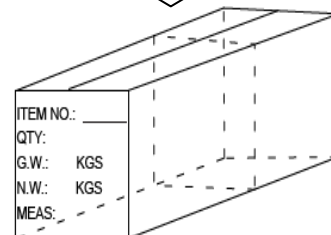
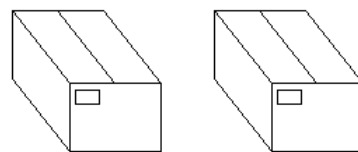
Item	Quantity	Total	Dimension (L*W*H)
Tray	56pcs/tray	56 pcs	324*294*20 mm
Inner box	10tray/box	560pcs	350*310*210 mm
Outer box	2 inner box/outer box	1120pcs	647*365*240 mm



56pcs/tray



560pcs/inner box

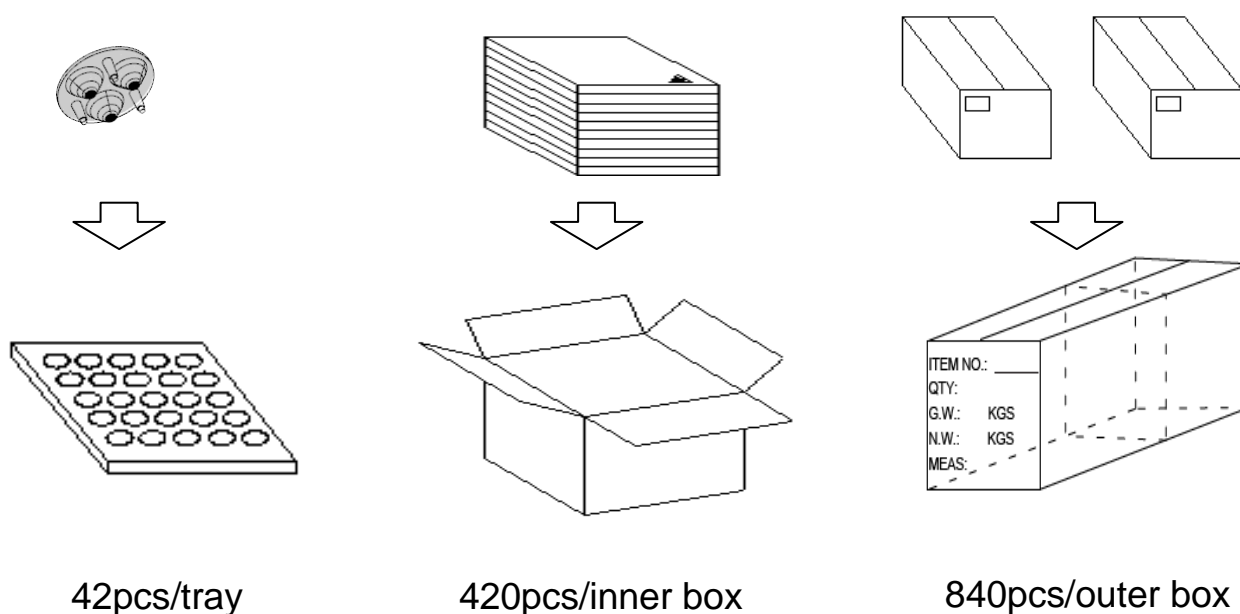


1120pcs/outer box

Package

■ Changeable plug : Lens package

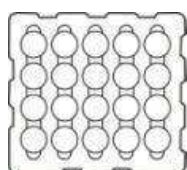
Item	Quantity	Total	Dimension (L*W*H)
Tray	42pcs/tray	42pcs	324*294*20mm
Inner box	10tray/box	420pcs	350*310*210 mm
Outer box	2 inner box/outer box	840pcs	647*365*240mm



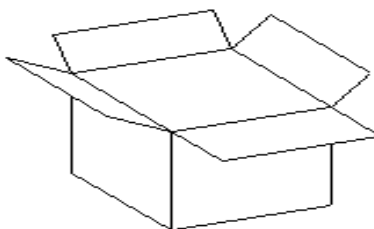
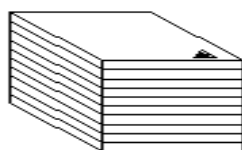
Package

■ Changeable plug : Sink package

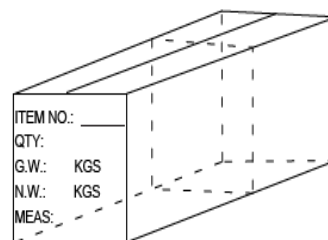
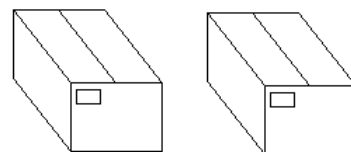
Item	Quantity	Total	Dimension (L*W*H)
Tray	20pcs/tray	20pcs	324*294*20 mm
Inner box	8 tray/box	160pcs	350*310*210 mm
Outer box	2 inner box/outer box	320pcs	647*365*240 mm



20pcs/tray



160pcs/inner box



320pcs/outer box