

# LED Spot Lights



Sheet revision : 2.1  
Date: 09/06/15  
Specification is subject to change without notice.

# LED Spot Light

Our LED Spot range lights offer a direct replacement for traditional halogen or CFL based spot lighting, giving exceptional light output for only a fraction of the power.

## Features

- Directly replace general halogen light, incandescent lamp and energy saving lights.
- Long lifespan, 35000hrs, 25 times than the normal energy saving lamps.
- High efficiency.
- Low temperature.
- Instant on.
- High power factor > 90%.
- No UV, IR, mercury or sodium.

## Equivalent Power Guide

LED Model	halogen Equivalent
5W Spot	50W
3W Spot	35W



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## 5 Watt LED GU10 Spot

### Electrical Specifications

<b>Connection</b>	GU10
<b>Input Voltage</b>	85~265v AC 50/60Hz
<b>Total Power Usage</b>	5.Watts
<b>Power Factor</b>	>0.95
<b>Operating Temperature</b>	-20° ~ +40°

### Light Output Specifications

<b>Light Source</b>	SMD COB
<b>Brightness Degradation</b>	< 1% per 1000 hours
<b>Colour Rendering Index</b>	60
<b>Luminous Efficiency</b>	90-95lumens/W
<b>LED Output</b>	450 Lumens (2700K) 470 Lumens (6000K)
<b>Viewing Angle</b>	80 Degree
<b>Dimmable</b>	Option Available

### Dimensions

<b>Size</b>	Ø 50x61mm
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## 5 Watt LED MR16 Spot

### Electrical Specifications

<b>Connection</b>	MR16
<b>Input Voltage</b>	12v AC/DC
<b>Total Power Usage</b>	5 Watts
<b>Power Factor</b>	>0.95
<b>Operating Temperature</b>	-20° ~ +40°

### Light Output Specifications

<b>Light Source</b>	SMD COB
<b>Brightness Degradation</b>	< 1% per 1000 hours
<b>Colour Rendering Index</b>	60
<b>Luminous Efficiency</b>	90-95 Lumens/W
<b>LED Output</b>	450 Lumens (2700K) 470 Lumens (6000K)
<b>Viewing Angle</b>	80 Degree
<b>Dimmable</b>	Yes (Optional)

### Dimensions

<b>Size</b>	Ø 50x 61mm
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## 3 Watt LED GU10 Spot

### Electrical Specifications

<b>Connection</b>	GU10
<b>Input Voltage</b>	110~240v AC 50/60Hz
<b>Total Power Usage</b>	3 Watts
<b>Power Factor</b>	>0.95
<b>Operating Temperature</b>	-20° ~ +40°

### Light Output Specifications

<b>Light Source</b>	SMD COB
<b>Brightness Degradation</b>	< 1% per 1000 hours
<b>Colour Rendering Index</b>	60
<b>Luminous Efficiency</b>	100-106 Lumens/W
<b>LED Output</b>	300v Lumens (2700k) 320 Lumens (6000K)
<b>Viewing Angle</b>	80 Degree
<b>Dimmable</b>	Option Available

### Dimensions

<b>Size</b>	Ø 50x51mm
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## 3 Watt LED MR16 Spot

### Electrical Specifications

<b>Connection</b>	MR16
<b>Input Voltage</b>	12v AC/DC
<b>Total Power Usage</b>	3 Watts
<b>Power Factor</b>	>0.95
<b>Operating Temperature</b>	-20° ~ +40°

### Light Output Specifications

<b>Light Source</b>	SMD COB
<b>Brightness Degradation</b>	< 1% per 1000 hours
<b>Colour Rendering Index</b>	60
<b>Luminous Efficiency</b>	100-106 Lumens/W
<b>LED Output</b>	300 Lumens (2700k) 320 Lumens (6000K)
<b>Viewing Angle</b>	80 Degree
<b>Dimmable</b>	Yes (Optional)

### Dimensions

<b>Size</b>	Ø 50x 51mm
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