

# LumiDrives

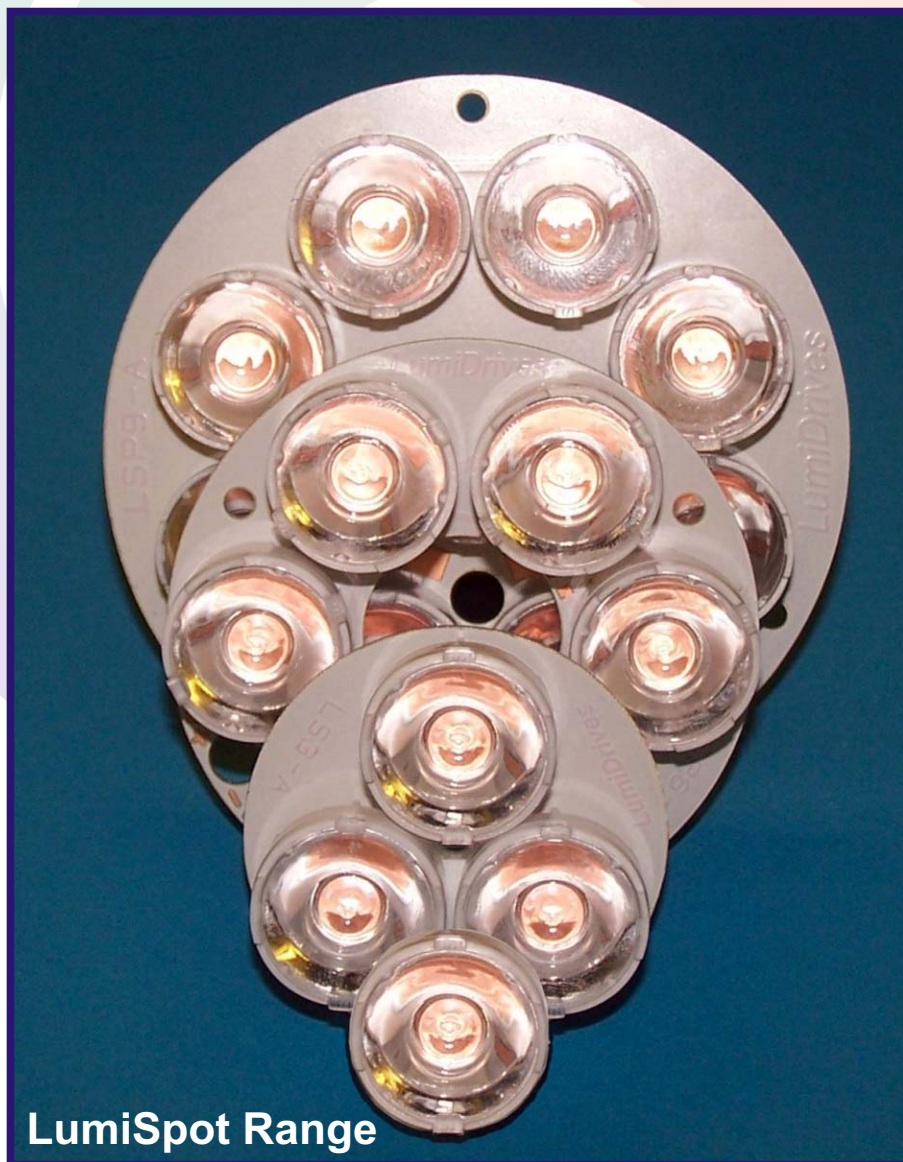
## Product Data

### LumiSpot LED Arrays

The LumiSpots are a range of four circular LED arrays designed to complement the Lumidrives range of Microdrivers and are ideal for a myriad of OEM solutions.

They can be driven either singly or in multiples (depending on the total number of LEDs and the driver used), giving an increased level of flexibility in lighting design, and are in with a selection of LED colours and optic angles.

The Optics and optic holders used are from the new F-Form range, exclusive to Lumidrives. The optic holders are in white to match the white surface of the PCBs, which helps to maximise light output.



LumiSpot Range

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L U X E   
S O L U T I O N S   C E N T R E

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Tel: +44 (0)1423 798255 - Fax: +44 (0)1423 798266 - [www.lumidrives.com](http://www.lumidrives.com)

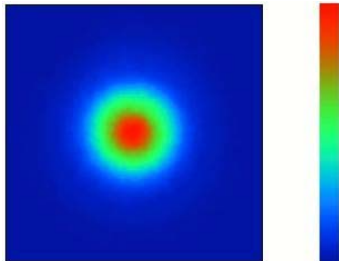
Data Sheet - LumiSpots - Issue-A

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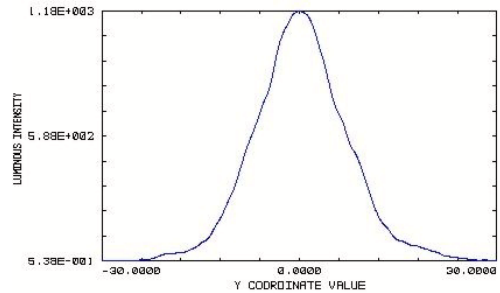




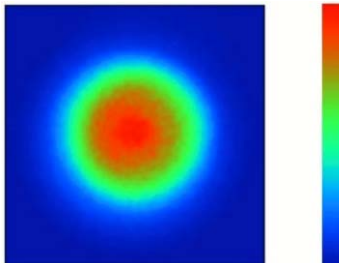
All **LumiDrives** F'FORM lenses are made of optical grade PMMA (acrylics) to ensure excellent optical properties as well as long-term material stability and durability.



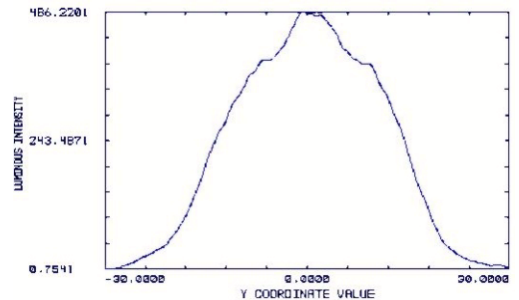
Typical Narrow Distribution  
**Spot Lens - 5°**



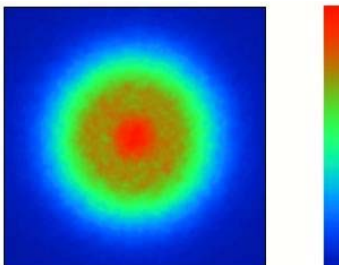
Typical half-angle divergence 5°  
when using 1W White Luxeon



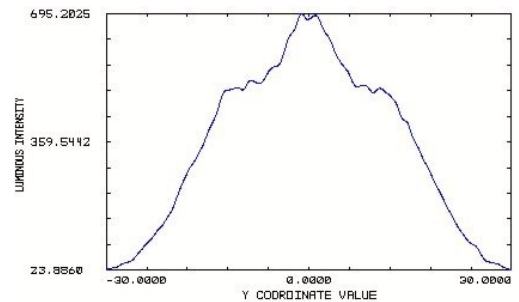
Typical Medium Distribution  
**Medium Lens - 15°**



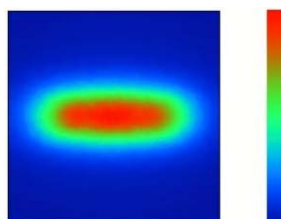
Typical half-angle divergence 15°  
when using 1W White Luxeon



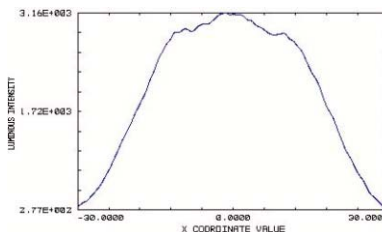
Typical Wide Distribution  
**Wide Lens - 25°**



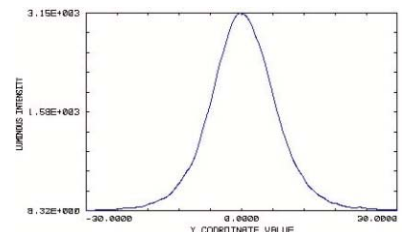
Typical half-angle divergence 25°  
when using 1W White Luxeon



Typical Oval Distribution  
**Oval Lens - 5° x 20°**



Horizontal



Vertical

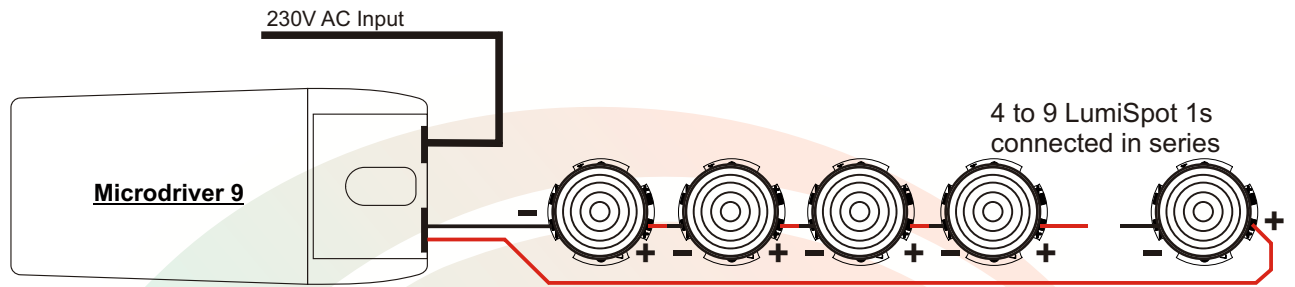
Typ. half-angle divergence 5° x 20° (1W White Luxeon)

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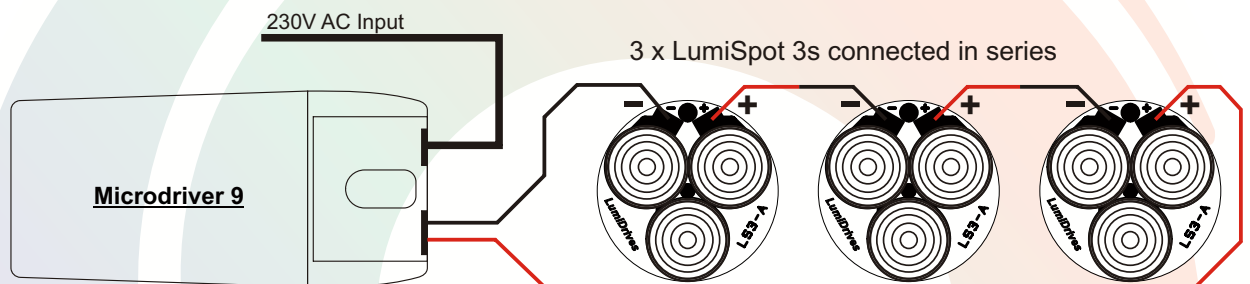


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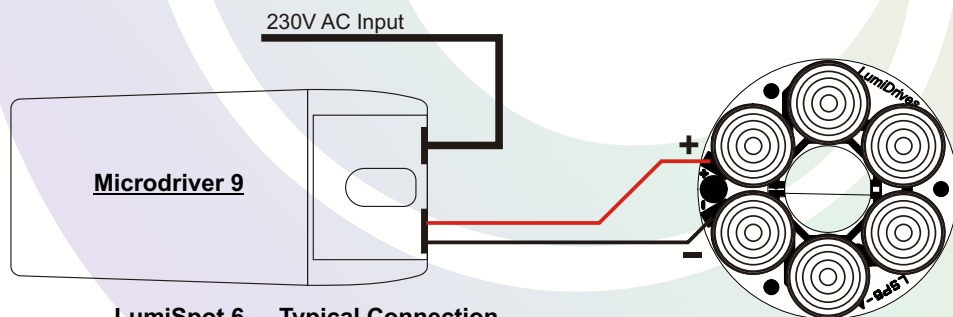
## Connecting



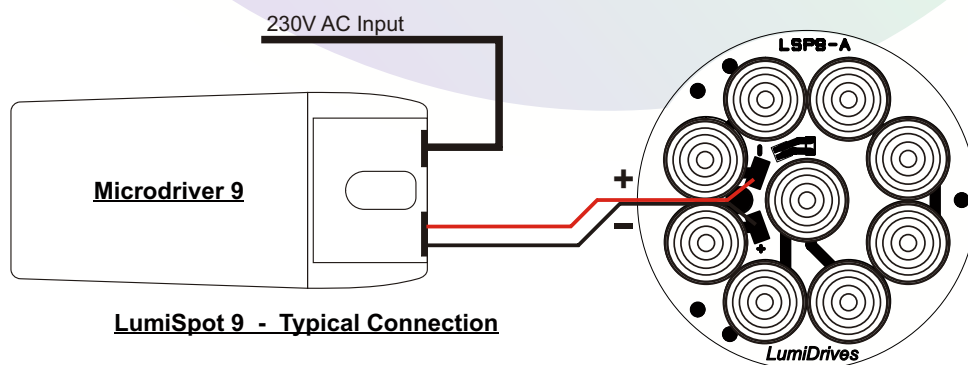
**LumiSpot 3 - Typical Connection**



**LumiSpot 3 - Typical Connection**



**LumiSpot 6 - Typical Connection**



**LumiSpot 9 - Typical Connection**

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## Descriptions



**LumiSpot 1**

### **LumiSpot 1** - Diameter = 21.5mm

This is a single Luxeon 1W LED with optic and optic holder, on a 21.5mm PCB which has 4 notches cut out of the profile to allow for rear cable entry without encroaching on the circumference of the PCB, ideal for single LED applications with limited space. The LumiSpot 1 can be glued to a heatsink structure.



**LumiSpot 3**

### **LumiSpot 3** - Diameter = 48mm

A group of three Luxeons with optics. It has a diameter of 48mm, ideal for downlighting or task lighting applications and can be driven with the Microdriver-3, Microdriver-LV3, Microdriver-9 or Microdriver-LV9. The LumiSpot 3 can be screwed or glued to application heatsink.



**LumiSpot 6**

### **LumiSpot 6** - Diameter = 69mm

This is a 6 LED ring with optics using Luxeon 1W. It has an outer diameter of 69mm and an inner diameter of 23mm, ideal for spotlight or task light applications, and can be driven with the Microdriver-9, Microdriver-LV9, Solus-6 or Multi/driver-8. The LumiSpot 6 can be screwed or glued to a heatsink structure.



**LumiSpot 9**

### **LumiSpot 9** - Diameter = 90mm

This is a nine LED cluster with optics and a diameter of 90mm, ideal for spotlight or retrofit applications, which can be driven with the Microdriver-9 or the Microdriver-LV9. The LumiSpot 9 can be screwed or glued to a heatsink structure.

## Selection Guide

# LSP6 - XX - YYY

### Order Codes

LumiSpot 1	LSP1-X-YYY
LumiSpot 3	LSP3-X-YYY
LumiSpot 6	LSP6-X-YYY
LumiSpot 9	LSP9-X-YYY

LumiSpot 6

### Colour

**R** = Red  
**G** = Green  
**B** = Blue  
**W** = White  
**A** = Amber

**WW** = Warm White

### Optics

**005** = 5° Optics  
**015** = 15° Optics  
**025** = 25° Optics  
**520** = Oval Optics

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