



excellence in optics

## LED Zoom Modules scaLED

D24 10°–60°

D48 8°–60°

Turn on the lights –  
to your advantage!

Get to know our new models scaLED D24 and D48  
– with aspherical B&M glass lens for your specific  
applications.



# LED Zoom Modules scaLED

Something amazing always happens when people turn their passions into their jobs. We called B&M's latest development scaLED, and it is probably amazing.

It gives our esteemed customers from the lighting sector a new outlook and opportunity to expand and significantly enrich their LED product line. You have the LED, we have the perfectly matching zoom module. B&M once again invested into additional technical functionality - giving you a glimpse of the optical future.

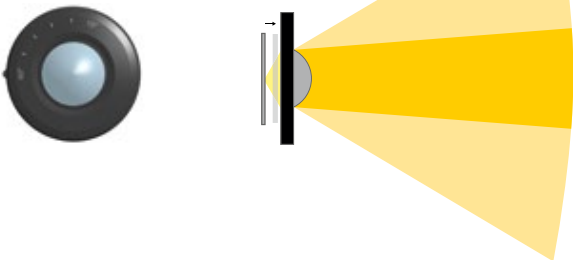
LED zoom modules with textured aspherical B&M glass lens for your highly customized applications. The latest B&M modules

are fitted with all technical and optical innovations you need to make a compelling case for your customers. scaLED's are available in a wide range of options and configurations. In addition to off-the-shelf items, it is also possible to customize zoom modules to your products and to your designs.

Let's talk about your ideas and needs. Request engineering support and a quotation for your samples. We look forward to hearing from you.

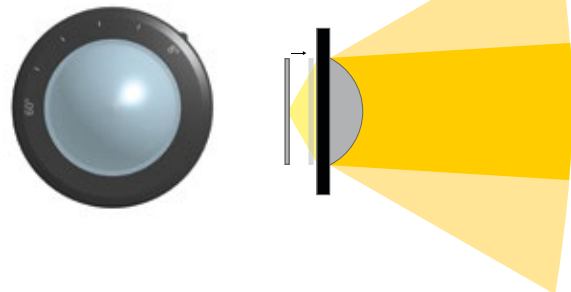
## scaLED D24

LED Zoom Module 10° – 60°



## scaLED D48

LED Zoom Module 8° – 60°



## scaLED D24/D48

Zoom-Module	scaLED D24	scaLED D48
LED Optics with D	26.5 mm	51.9 mm
Front face texture	medium	medium
Zoom beam angle	10° – 60°	8° – 60°
for LEDs with LES	up to 4 mm	from 4 – 6 mm
Efficiencies	> 90 %	> 90 %
Built-in Ø	49 mm	69 mm
Aperture Ø	51 mm	76 mm

## Advantages of our scaLEDs:

- beam angle continuously adjustable between 8° (10°) and 60°
- flexible use as zoom between 8° (10°) and 60°
- uniform illumination without color effects
- the textured front face of the aspherical lens avoids dice imaging
- optics have long service life even with negative influence factors



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You can also find more information and a video about scaLED at [bm-optik.de/en](http://bm-optik.de/en)

