

# RGB PLUS Line Spheres

## RGB+S100, S250, S300, S350, S400, S500



Manufacturing LED Lighting  
& Control Solutions

**M**inleon-Rainmin's RGB+Spheres are 16-bit color-blending LED modules in a variety of sizes with multiple mounting options.

Individual control via your favorite ArtNet & sACN programs, or use Minleon's NEC or WEC+ to create animated, original, color-changing light displays. Scale your design with power injections.

Output	
LED Type	SMD 5050
LED Channels	R-G-B
LED Count	4, 20, 24, 28, 32 & 32
Greyscale	16-bit, 65,536 dimming levels*
Viewing Angle	360-degrees
Control	
Individually Addressable	yes
Control Systems	NDB+ (ArtNet, E1.31), WEC+, MC+
Max Lamps before power injection	approx. 12-25L (depending on size & spacers)
Max Distance before Power Injection	approx. 100-feet
Electrical & Safety	
Input Voltage	12 VDC
Current	0.112, 0.15, 0.20, 0.23, 0.29 & 0.29 Amps / lamp
Power	1.34, 1.8, 2.5, 2.8, 3.5 & 3.5 Watts / lamp
Wire	22 AWG, 4C, UV protected (100mm = 22 AWG, 3C, UV)
Inline power injection	via Minleon Power T+'s & RGB+5A-12V
Certifications	IP 65 (when ground mounted)
Physical	
Diameter (mm)	100, 250, 300, 350, 400 & 500 mm
Size	6 options listed above
Weight (kg)	approx. 0.09, 0.843, 1.052, 1.34, 1.747 & 2.0 kg
Housing	polycarbonate
Connector Type	LLT twist-lock
Lead/End Wire length	6" (standard)
Operating Temperature	Neg -20 to +50 Cel. / Neg -4 to +122 Far.

\* 8-bit via DDP.

Specifications as of July 2018 and are subject to change.



RGB+S250 Sphere. Also referred to as RGB Globe or Orb.



### Ships with:

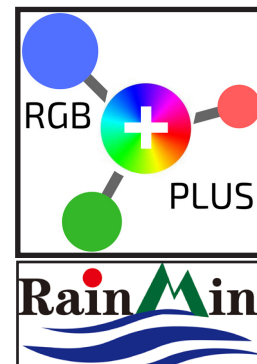
- Ground mount & garden stake
- Special Sphere T-Way
- 100mm option is the exception

### Applications:

- Garden ornaments
- Tower-Tree ornaments
- Festoons & Light Canopies
- Landscape Lighting

### Options:

- Diameter: 100, 250, 300, 350, 400 & 500 mm
- Wire Color: black, green, white



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