



RGBW+2 Globes & Spheres

RGBW+2 S100, S250-24, S300-24, S350-24, S400-24, S500-24

Sizes: 100, 250, 300, 350, 400 & 500mm /
4-inch, 10", 12" 14", 16", 20"

Wire Color: black (standard), white (custom)

Output	
LED Type	SMD 5050
LED Channels	R-G-B-WW (~2700-3000 Kel.)
LED Count	4, 20, 24, 28, 32 & 32, respectively
Greyscale	12-bit, 4096 dimming levels*
Chipset Settings	RGBW+2 / UCS7604
Viewing Angle	360-degrees
Control	
Individually Addressable	yes
Control Systems	NDB+ (ArtNet, E1.31), WEC+3, MeshTek
Max Lamps before power injection	approx. 20-45L (variant due to size & spacer cable length)
Max Distance before Power Injection	approx. 180-feet
Electrical & Safety	
Input Voltage	24 VDC
Current	0.02, 0.085, 0.110, 0.135, 0.165 & 0.165 Amps / lamp, respectively
Power	0.5, 2, 2.7, 3.3, 4 & 4 Watts / lamp, respectively
Wire	4C (2x 18AWG for power and 2x 22 AWG for data/signal), redundant data line, UV protected
Inline power injection	via Minleong Power T+'s & RGB+3A/4A-24V
Certifications	IP 65 (when ground mounted)
Physical	
Diameter (mm)	100, 250, 300, 350, 400 & 500 mm / 4-inch, 10", 12" 14", 16", 20", respectively
Size	6 options listed above
Weight (kg)	approx. 0.09, 0.843, 1.052, 1.34, 1.747 & 2.0 kg / 0.2, 2.0, 2.5, 3.0, 4.0 & 4.5 lb., respectively
Housing	polycarbonate
Connector Type	LLT twist-lock
Lead/End Wire length	36" (standard)
Operating Temperature	Neg -20 to +50 Cel. / Neg -4 to +122 Far.



Minleong-Rainmin's RGBW+Spheres can be ground mounted or rigged to hang off a guy line or tree.



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*When using Minleong NDB & WEC's. 3rd party controllers can adjust this up or down. Specifications as of July 2026 and are subject to change.

