



RGB+PLUS Line

Spheres - 12Vdc

RGB+S100-12, S250-12, S300-12, S350-12, S400-12, S500-12

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

Wire Color: black, green, white, clear

Output	
LED Type	SMD 5050
LED Channels	R-G-B
LED Count	4, 20, 24, 28, 32 & 32, respectively
Greyscale	16-bit, 65,536 dimming levels*
Viewing Angle	360-degrees
Control	
Individually Addressable	yes
Control Systems	NDB+ (ArtNet, E1.31), WEC+3, MeshTek
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 (or 24Vdc option)
Current	0.112, 0.15, 0.20, 0.23, 0.29 & 0.29 Amps / lamp, respectively
Power	1.34, 1.8, 2.5, 2.8, 3.5 & 3.5 Watts / lamp, respectively
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 // 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.



USA HQ
Mechanicsburg, PA
(717) 763-1055

www.minleonusa.com

* 8-bit via DDP.

Specifications as of Aug. 2024 and are subject to change.

