



P50L Magnified Pebbles

4-wire, DoubleDATA Line, with Lens

P50L-RGBW+2-PEB180

Lens: clear, frosted

Pitch/Spacing: 12", 6-inch, custom

View Angle: three-sided

Bulb Count: 1-, 2-, 5-, 10-, 25-light, custom

Wire Color: clear, black, white, sand, green

Ends: thru-connect, terminated

OUTPUT	
LED Type	SMD3535
LED Quantity	2
LED Channels	R-G-B-W (~3000K); R-G-B (optional)
Protocol	UCS7604; UCS5603 (RGB option)
Chipset Settings	RGBW+2 / 4-wire
Greyscale	12-bit, 4096 dimming levels*
CONTROL	
Individually Addressable	yes
Control Systems	NDB+ (ArtNet, E1.31), WEC3+, MeshTek
POWER	
Input Voltage	24 VDC
Current	0.015 Amps*
Power	0.36 Watts*
Max Lights before power injection	approx. 200L*
Max Distance before Power Injection	approx. 220-feet*
Wire	20 AWG, 4C, UV protected, 5-Amp MAX
Connector Type	LLT twist-lock, 4-pin, 5-Amp MAX
Inline power injection	via 4-wire Power T+'s & RGB+4A-24V
PHYSICAL	
Diameter	2.5 x 0.65 x 0.875"
Weight	approx. 0.5 oz. per bulb
Housing	polycarbonate
Mounting bracket	yes, 3-foot pvc track sections Item: RM-TC03
Operating Temperature	Neg -20 to +50 Cel. / Neg -4 to +122 Far.
Certifications	(c)UL listed**, IP 66, CE



The P50L, 4-wire Pebble is a new, deeper version of the one Rainmin has manufactured since 2019, but unlike the new P50H, P50L has a magnified lens for maximum brightness. Both the P50L & P50H Pebbles will extend beyond its mounting track so the LEDs are visible from three sides.



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*All specs for when using Minleon-Rainmin NDB's & WEC's. With non-Minleon controllers, power may be more than double the listed values; customers must test with their specific controllers & software to determine the maximum.

**Lights are only UL listed when using a Class 2 power supply.
Specifications as of March 2025 and are subject to change.

