



Diamond Pixel - 24V/4-wire RGBW+2DP

Lens: clear

Pitch: 4-,6-,12-,24-inch, custom

View Angle: 360-degs.

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

Wire Color: clear, black, green, white

Ends: thru-connect, terminated

Output	
LED Type	SMD5050
LED Channels	R-G-B-WW (~2700-3000 Kel.)
LED Quantity	2
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 Lights before power injection	approx. 200L
Max Distance before Power Injection	approx. 200-feet (if <= than 200L)
Electrical & Safety	
Input Voltage	24 VDC
Current	0.018 Amps
Power	0.43 Watts
Wire	4C (2x 18AWG for power and 2x 22 AWG for data/signal), redundant data line, UV protected
Inline power injection	via Minleon Power T+'s & RGB+5A-12V
Certifications	(c)UL listed, CE, IP66
Physical	
Size	52mm x 30 mm x 30mm
Housing	polycarbonate
Connector Type	LLT twist-lock
Operating Temperature	Neg -20 to +50 Cel. / Neg -4 to +122 Far.



NEW 24VDC Diamond Pixels allow us to drive twice as many lights on the same line as the 12VDC version. Redundant data line reduces failures & increases product life span, when compared to 3-wire, 12VDC versions.



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

