



# LPU

LPU is connected between main input cable and first node of LED fixture to transmit and maintain certain level of input voltage and power level that are required to operate each LED pixel from the start to the end of strand.

PRODUCT SPECIFICATIONS	LPU 12	LPU 24
Size (w × h × d)	30mm x 21mm x 158mm	
Material	Aluminum	
Weight	277g / 0.61 lbs	With In/Out Cable 290mm
Power Consumption	Max. 70W	Max. 125W
Environment	Indoor / Outdoor	
Input Voltage	Min. 40VDC	Min. 40VDC
	Typ. 48VDC	Typ. 48VDC
	Max. 55VDC	Max. 55VDC
Output Voltage	12VDC	24VDC
Control Signal	Single SPI	
Applied Model	D1S	D6S, D12S
Lifetime	50,000 Hours	
Protection	IP66	
Operating Temperature	-30°C ~ 50°C / -22°F ~ 122°F	
Storage Temperature	-30°C ~ 80°C / -22°F ~ 176°F	
Certification	CE	

SYSTEM SPECIFICATIONS		
Main Input Cable	AWG 20 x 4C	
Maximum Connection	D1S : 100 Node@0.5W	D6S : 120 Node@0.9W
		D12S : 60 Node@1.9W
		100mm Pitch Under

