RoscoLED® Power and Dimming Controls

Controls for Vibrant, Versatile Lighting Solutions

RoscoLED Power and Dimming Controls are designed for the most demanding lighting applications. The product range features power and control options to support the various load requirements of our RoscoLED Tape products for any installation, including plug-and-play control boxes, as well as stand-alone power supplies and DMX decoders.

KEY FEATURES

• Pre-configured RoscoLED Control Boxes offer easy plug-and-play connectivity, eliminating the need for time-consuming on site wiring and soldering

• Available stand-alone RoscoLED Power Supplies and DMX Decoders for projects that need a more customized power and dimming solution

• RoscoLED Control Boxes, Power Supplies and Decoders are CE certified with ETL/UL listing or UL recognition

RoscoLED® Control Boxes

A self-contained solution that provides plug-and-play connectivity for both 24V power & DMX control for RoscoLED Tape.

SPECIFICATIONS

Input Voltage:	90VAC – 264VAC via Neutrik Powercon connector	DMX:	5-pin XLR In - RJ45 In/Out
Output Voltage:	24VDC	Operating Temp:	32°F to 122°F (0°C to +50°C)
Static White:	4 x 2-pin connector	IP Rating:	IP20
VariWhite:	4 x 3-pin connector	Dimensions:	13.0" x 9.2" x 3.5"
VariColor:	3 x 5-pin connector		(332 mm x 234 mm x 89 mm)
		Weight:	9.5 lb (4.3 kg)
Rated Power:		Certifications:	ETL/cETL (UL1598,
Static White:	300W		CSA 22.2#250)
VariWhite:	400W		
VariColor:	400W		

Item Code	Description
293222250000	RoscoLED Static White Control Box / 300W / 24VDC
293222260000	RoscoLED VariWhite Control Box / 400W / 24VDC
293222270000	RoscoLED VariColor Control Box / 400W / 24VDC

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RoscoLED® Power Supplies

Item Code	Description
293222620000	RoscoLED Power Supply 350W/24VDC/IP20

Input Voltage: 90VAC – 264VAC
Output Voltage: 24VDC
Rated Current: 14.6A
Rated Power: 350W
Operating Temp: -4°F to +149°F (-20°C to +65°C)
IP Rating: IP20
Efficiency: Typ. 87%
Dimensions: 8.6" x 4.5" x 2.0"
(219 mm x 115 mm x 50 mm)

Item Code	Description
293222620001	RoscoLED CE Power Supply 320W/24VDC/IP20

Input Voltage: 90VAC – 264VAC
Output Voltage: 24VDC
Rated Current: 13A
Rated Power: 312W
Operating Temp: -4°F to +149°F (-20°C to +65°C)
IP Rating: IP20
Efficiency: Typ. 87%
Dimensions: 8.5" x 4.5" x 0.9"
(215 mm x 115 mm x 23 mm)

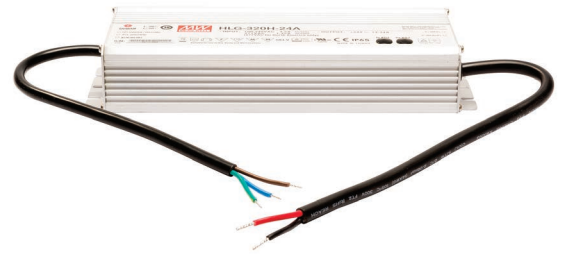| Item Code	Description
293222620003	RoscoLED Power Supply 600w / 24VDC/IP67

Input Voltage: 90VAC – 305VAC
Output Voltage: 24VDC
Rated Current: 13.34A
Rated Power: 600W
Operating Temp: -40°F to +158°F (-40°C to +70°C)
IP Rating: IP67
Efficiency: Typ. 94%
Dimensions: 11" x 5.7" x 1.9"
(280 mm x 144 mm x 49 mm)
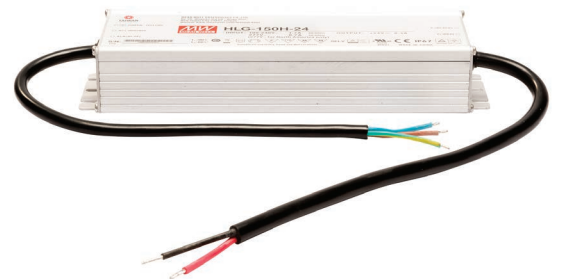
RoscoLED® Power and Dimming Controls

Item Code	Description
293222620002	RoscoLED Power Supply 320W/24V/IP67

Input Voltage: 90VAC – 305VAC
Output Voltage: 24VDC
Rated Current: 13.34A
Rated Power: 320W
Operating Temp: -40°F to +158°F (-40°C to +70°C)
IP Rating: IP67
Efficiency: Typ. 94%
Dimensions: 9.9" x 3.5" x 1.7"
                      (252 mm x 90 mm x 44 mm)

Item Code	Description
293222620004	RoscoLED Power Supply 150W/24V/IP67

Input Voltage: 90VAC – 305VAC
Output Voltage: 24VDC
Rated Current: 6.3A
Rated Power: 150W
Operating Temp: -40°F to +158°F (-40°C to +70°C)
IP Rating: IP67
Dimensions: 9.0" x 2.7" x 1.5"
                      (228 mm x 68 mm x 39 mm)

Item Code	Description
293222412024	RoscoLED Desktop Power Supply 120W/24VDC/IP20

Input Voltage: 90VAC – 264VAC
Output Voltage: 24VDC
Rated Current: 5A
Rated Power: 120W
Operating Temp: -22°F to +140°F (-30°C to +60°C)
IP Rating: IP20
Dimensions: 5" x 2.5" x 1.3"
                      (127 mm x 64 mm x 33 mm)

RoscoLED® RDM DMX Decoders

Item Code	Description
293222610001	RoscoLED Variable PWM DMX Decoder, 5 x 8A

Input Voltage:	12 – 24VDC
Output Current:	5 x 8A
Output Power:	5 x (96-192W)
DMX In/Out:	5-Pin XLR, RJ45, Wire Terminals
	RDM Addressable
PWM Adjustment:	500Hz – 30kHz
Operating Temp:	-4°F to +122°F (-20°C to +50°C)
IP Rating:	IP20
Dimensions:	6.5" x 2.9" x 1.5"
	(164 mm x 73 mm x 38 mm)
Weight:	0.85 lb (0.4 kg)

Item Code	Description
293222610002	RoscoLED Variable PWM DMX Decoder, 12 x 5A

Input Voltage:	12 – 24VDC
Output Current:	12 x 5A
Output Power:	12 x (60-120W)
DMX In/Out:	5-Pin XLR, RJ45, Wire Terminals
	RDM Addressable
PWM Adjustment:	500Hz – 30kHz
Operating Temp:	-4°F to +122°F (-20°C to +50°C)
IP Rating:	IP20
Dimensions:	6.54" x 3.93" x 1.5"
	(166 mm x 100 mm x 38 mm)
Weight:	1.25 lb (0.6 kg)

RoscoLED® Power and Dimming Controls

RoscoLED™ RF Remote Controllers

Item Code	Description
293222630003	2 CH RF Remote Controller

Input Voltage: 12 – 24VDC
Output Channels: 2
Max Output Power: 108W (12V) / 216W (24V)
Working Frequency: 433.92 MHz
Working Distance: 164-ft (50 m)
Operating Temp: -4°F to +131°F (-20°C to +55°C)
IP Rating: IP20
Receiver Dimensions: 5.3" x 1.2" x 0.8"
                        (135 mm x 30 mm x 20 mm)

Item Code	Description
293222640002	4 CH RF Remote Controller

Input Voltage: 12 – 24VDC
Output Channels: 4
Max Output Power: 108W(12V) / 216W(24V)
Working Frequency: 433.92 MHz
Working Distance: 164-ft (50 m)
Operating Temp: -4°F to +131°F (-20°C to +55°C)
IP Rating: IP20
Receiver Dimensions: 5.3" x 1.2" x 0.8"
                        (135 mm x 30 mm x 20 mm)