DR-SD6

DMX 512 Multichannel LED Driver

Adjustable current source solution,
Max 72 X 3V LEDs / 6 channel.
Allows the flexibility needed in driving your high brightness LED's.



DIN Rail Mount
142 * 75 * 58mm
Terminal Block Plugs

Constant Current
Max 172w, 6 Ch
50mA-700mA Current

DMX 512
LCD & Screen Keys

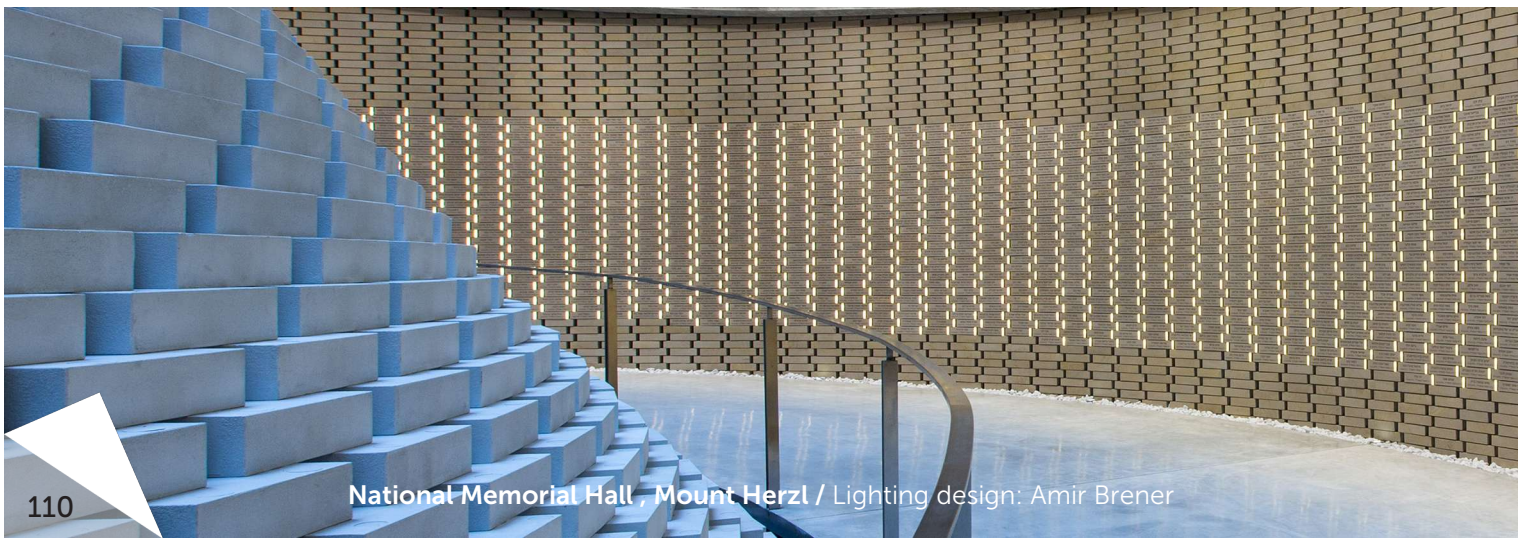
Self diagnostic protocol
Line & Circuit protection
Thermal protection

FEATURES

High efficiency (up to 95%)
1 to 12 LED per channel (based on forward voltage up to 15 LED)
Manual output levels control via LCD Menu
Smooth fade control with continuous current output
Easy profile & installation
Flicker free dimming and Active Thermal Protection
allows for different Max current on different channels (for red and amber)

OUTPUT

350mA = Max. 72 LEDs / 6Ch
700mA = Max. 72 LEDs / 6Ch
Max. 48VDC



National Memorial Hall , Mount Herzl / Lighting design: Amir Brener

TECHNICAL SPECIFICATION

GENERAL	350MA	700MA
Rated Output Power	Max 86.4 W	Max 172.8 W
Output Voltage	2~48VDC	2~48VDC
Driving Current	Max. 350mA	Max. 700mA
Output CHs Configuration	2 Outputs total 6 channels	2 Outputs total 6 channels
Channel Driving Capabilities	Min. 1 LED per channel Max. 12 LEDs per channel	Min. 1 LED per channel Max. 12 LEDs per channel
Total Driving Capabilities	1W LED - Max. 72	3W LED - Max. 72
Optimal Output Resolution	256 grades (per channel) Total grades (each output)	256 grades (per channel) Total grades (each output)
PROTECTION		
Fixture Protection	Open line protection Short line protection Wrong interconnection protection	Open line protection Short line protection Wrong interconnection protection
Thermal Protection	Thermal Feedback	Thermal Feedback
DMX Protection	Over Voltage Protection	Over Voltage Protection
CONTROL INTERFACE		
Control Method	DMX 512	DMX 512
Stand Alone Working Mode	Adjustable / 1 - 6 Channels	Adjustable / 1 - 6 Channels
ENVIRONMENT		
Ingress Protection	IP 40	IP 40
Operating temp	-18°c ~ 40°c / -0.4°f ~ 104°f	-18°c ~ 40°c / -0.4°f ~ 104°f
Storage temp	-18°c ~ 40°c / -0.4°f ~ 104°f	-18°c ~ 40°c / -0.4°f ~ 104°f
Humidity	85% RH	85% RH
PHYSICAL		
Connections	Pluggable Terminal Block External power supply	Pluggable Terminal Block External power supply
Size	142 * 75 * 58mm	142 * 75 * 58mm

DRAWINGS

