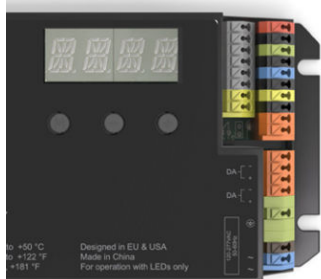


# 100W DMX/RDM/DALI Full-Colour (RGBW) Dimmable LED Driver

Cat. No. PWR106S1



Length (L) typical: 230 mm / 9.06 in  
 Width (W) typical: 80 mm / 3.15 in  
 Height (H) typical: 30 mm / 1.18 in  
 Weight 933.5 g



The Hunza POWERdrive 106/S delivers 100W and is DALI and DMX compatible. The POWERdrive 106/S has four separately controllable LED outputs, which can be used for wide range of full-colour (RGBW), dynamic LED lighting applications.

The POWERdrive 106/S has many easy to use demo and test nodes that can be easily controlled by the 3 buttons at the front.

It features exceptionally smooth dimming and individual channel manual current limiting.

- POWERdrive AC
- 100W
- DMX/RDM/DALI
- 4 Control Channels
- Constant Current
- 4x57V outputs
- Standards: BIS, CE, EN 61347-1/-2-7 /-2-13, EN 62384, EN 55015, EN 55022, EN 61000-3-2, EN 61547, EN 62386-101/102/207, UL: Recognized Component (E333135), according to UL131 0 and UL8750. US: Class 2 output. Canada: Non-Class 2 output, ENEC by DEKRA, EL, RCM by SAA

## Programming tools:

Programming interface: [TOOLbox pro \(TLU20504\)](#)

Programming cable set: [TOOLbox pro to LED driver, programming cable, 5pcs \(TLC03051\)](#)

Programming software: [FluxTool](#)

## Control characteristics:

Control channels: 4

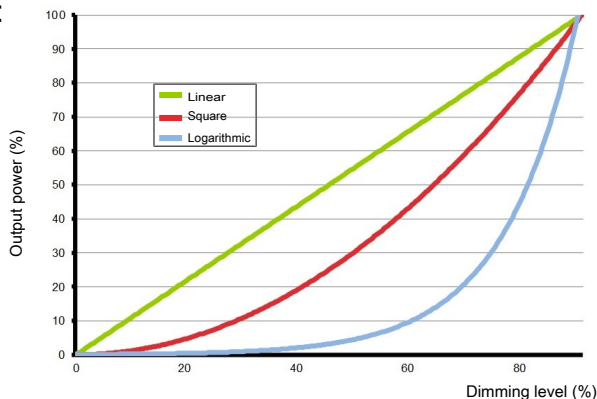
Control protocol: DMX/RDM/DALI

Dimming range: 100%-0.1%

Dimming curve options: Logarithmic (default), Linear, Square

Dimming method: Hybrid HydraDrive

Dimming curves:



**HUNZA**™ PURE OUTDOOR LIGHTING

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 Specifications may change without notice.  
 Manufactured in New Zealand.  
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### Input Characteristics:

Nominal input voltage range AC: 120-250V (ENEC), 120-277V (UL)  
Maximum input current: 1.05A @ 120V/60Hz  
Input frequency range: 50-60Hz  
Efficiency at full load: 90%  
Power factor at full load: >0.94  
THD at full load: <10%  
Maximum inrush current: 35A 240µs @ 120V/60Hz  
Surge protection: 3kV differential mode (DM), 4kV common mode (CM)  
Maximum standby power: <0.5W

### Output Characteristics:

Maximum LED output power: 100W  
Number of LED outputs: 4 (UL Class 2)  
Programmable LED output current range: 200-1050mA  
LED output type: programmable in 50mA steps via user interface on driver, programmable in 10mA steps via DMX terminal and FluxTool.  
LED output current tolerance: +/-5% at programmed LED output current  
LED output voltage range: 2-57V

### Environmental conditions:

Operating ambient temperature (Ta) range: -40°C to +50°C  
Maximum operating case temperature (Tc max): 83°C

### Connector layout:

