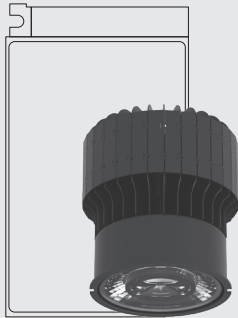


## 100 PRO RGBW

22W RGB-WHITE LED  
MODULE



- Feather weight construction, ~300 grams
- Class 2 LED module with external LED driver
- Vibrant RGB and high quality 6500K White
- Tight colour spectrum binning for RGB, and 3 steps MacAdam ellipse binning for White
- ComfyEYE aspect provides high quality uniform and comfort light with low stroboscopic optical flicker less than 3%\*\*
- X-BEAM converging optical lens maximises luminaire light output ratio
- IP40



\*\*Optical flicker percentage is measured at maximum output.

### APPLICATION

- Hotel and galleries
- Theatre house light, ballroom
- Retail, fashion stores and showroom
- Airport

### TECHNOLOGY BENEFITS

- Superior light rendering quality with vibrant colour
- Low maintenance
- Comfort, safety and no glass

### AVAILABLE OPTIONS

#### DRIVER

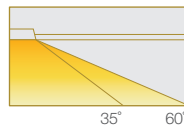


#### COLOUR TEMPERATURE

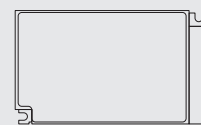
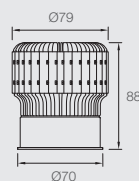


#### BEAM ANGLE

RGBW  
100 PRO



### DIMENSIONS (MM)



eldoLED POWERdrive 50S-M4Z0X (DMX)  
L130 x W76 x H30.5

## SYSTEM SPECIFICATIONS

Module	LED Lamp Power	LED System Power	Colour Temperature	Beam Angle	Independent Colour Channel	Wavelength (nm)	Luminous Flux (lm) at 5.5W per Channel	Driver Options
100P	22W	26W	RGBW	35°, 60°	Red	625	245	DA, DMX
					Green	525	305	
					Blue	457	85	
					White	CCT: 6500K	380	

The data presented above is at 5.5 Watts per channel. The 100P module allows a maximum limit of 22 Watts total LED lamp power at each instant of operation.

Driver Recommendation: AC input, DALI / DMX 4 channel LED driver, configurable output current.

DC input, DMX 4 channel decoder, configurable output current.

\*Recommended drivers allow the output current to be configured at preferred ratios between independent colour channels, subjected to total LED power not exceeding the allowed maximum limit of 22 Watts.

Colour Temperature	Independent Colour Channel	Example of maximum output current by equal ratio on every independent channel			Example of output current by different ratios on every independent channel			
		Voltage (V)	Configurable Output Current (A)	Power (W)	Voltage (V)	Configurable Output Current (A)	Power (W)	
RGBW	Red	24	0.2	4.8	24	0.15	3.6	
	Green	29	0.2	5.8	29	0.15	4.35	
	Blue	28	0.2	5.6	28	0.15	4.2	
	White	28	0.2	5.6	28	0.35	9.8	
		Total LED Lamp Power must not exceed 22W			21.8	Total LED Lamp Power must not exceed 22W		21.95

## DETAILS SPECIFICATION

Family Type	100 Series
Mains Voltage	100-240V, 50/60Hz
Colour	Black
Installation Compatibility	Compatible with ELR size-4 fixtures or most AR70 fittings, ELR size-6 fixtures or most AR111 fittings with optional mounting bracket
Lifetime	50,000 hours (80% lumen maintenance at Ta = 35°C), B10
Dimming	DALI, DMX
Mains Connection	Push-pin or screw terminals for convenient connection
Materials	Aluminium, plastic
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
IP Code	IP40
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, RCM, RoHS
Weight	300g

## ORDERING MATRIX CHART

LED MODULE		
LED Power	Beam Angle	Colour Temp
<b>ELR100P</b> 22W	<b>35</b> 35°	<b>RGBW</b> Red, Green, Blue, White (6500K)
	<b>60</b> 60°	

example: **ELR100P.35.RGBW**

\*Drivers for 100P RGBW LED modules are sold separately.