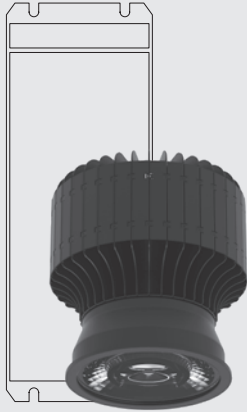


700 PRO RGBW / RGBA

64W RGB-WHITE /
RGB-AMBER LED MODULE



- Feather weight construction, ~980 grams
- Class 2 LED module with external LED driver
- Vibrant RGB and high quality 6500K White / highly efficient Phosphor Converted Amber
- 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

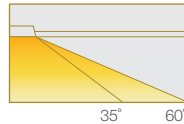


COLOUR TEMPERATURE

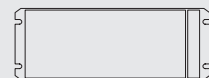
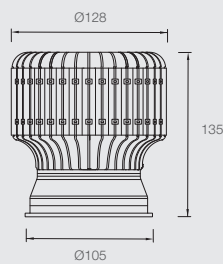


BEAM ANGLE

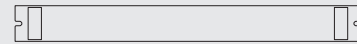
RGBW / RGBA
700 PRO



DIMENSIONS (MM)



eldoLED POWERdrive 106/S (DALI)
eldoLED POWERdrive 1061/S (DMX)
L230 x W80 x H30



eldoLED POWERdrive 106/M (DALI)
eldoLED POWERdrive 1061/M (DMX)
L370 x W41 x H30

SYSTEM SPECIFICATIONS

Module	LED Lamp Power	LED System Power	Colour Temperature	Beam Angle	Independent Colour Channel	Wavelength (nm)	Luminous Flux (lm) at 16W per Channel	Driver Options
700P	64W	74W	RGBW	60°, 35°	Red	625	815	DA, DMX
					Green	525	960	
					Blue	460	220	
					White	CCT: 6500K	935	
			RGBA		Red	625	815	
					Green	525	960	
					Blue	460	220	
					PC Amber	593	420	

The data presented above is at 16 Watts per channel. The 700P module allows a maximum limit of 64 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 64 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	22	0.55	12.1	22	0.35	7.7
	Green	31	0.55	17.05	31	0.35	10.85
	Blue	31	0.55	17.05	31	0.35	10.85
	White	31	0.55	17.05	31	0.7	21.7
Total LED Lamp Power must not exceed 64W				63.25	Total LED Lamp Power must not exceed 64W		51.1
RGBA	Red	23	0.55	12.65	23	0.35	8.05
	Green	33	0.55	18.15	33	0.35	11.55
	Blue	33	0.55	18.15	33	0.35	11.55
	PC Amber	27	0.55	14.85	27	0.7	18.9
Total LED Lamp Power must not exceed 64W				63.8	Total LED Lamp Power must not exceed 64W		50.05

DETAILS SPECIFICATION

Family Type	700 Series
Mains Voltage	100-240, 50/60Hz
Colour	Black
Installation Compatibility	Compatible with ELR size-6 fixtures or most AR111 fittings
Lifetime	50,000 hours (80% lumen maintenance at Ta = 35°C)
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 (Module Only)	IP40
Safety class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory markings	CE, RCM, RoHS
Weight	~ 980g

ORDERING MATRIX CHART

LED MODULE			DRIVER
LED Power	Beam Angle	Colour Temp	Dimming
—	—	—	—
ELR700P 64W	35 35°	RGBW Red, Green, Blue, White (6500K)	DA DALI
	60 60°	RGBA Red, Green, Blue, PC Amber	DMX DMX

example: ELR700P.35.RGBW.DA