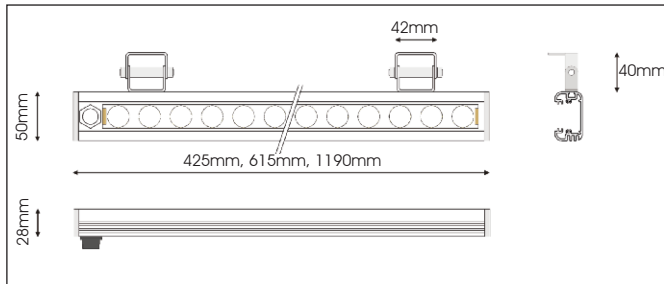




## CD Series White LED Linear Fixture



### Certifications & Compliance

- ▷ IP67 rated version available
- ▷ CE Compliant

### Features & Benefits:

- ▷ Single colour linear modules utilises the latest high efficiency LUXEON Rebel LED technology
- ▷ >70% lumen maintenance @ 50,000 hours at max operating temperature
- ▷ Low power consumption
- ▷ Choice of LED colour and optical patterns available

### Application:

Utilizes the latest high efficiency LUXEON® Rebel LED technology. Applications include Retail Lighting, Exterior Lighting, Architectural Lighting, Wall Washing, Nightclubs and Entertainment. Choice of optical patterns available. All of Dialight's long life LED luminaires are designed to meet the most demanding specification criteria while offering maximum energy savings, reduced maintenance costs, and a superior quality of light.

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### Mechanical Information:

**Container Dimensions:** 28mm x 50mm x Length  
[1.10" x 1.97" x Length]

**Lengths available:**  
425mm [16.73"]  
615mm [24.21"]  
1190mm [46.85"]

**Container Weight:**  
425mm - 1.2kg / 2.6lbs  
615mm - 1.6kg / 3.5lbs  
1190mm - 2.5kg / 5.5lbs

**Mounting:** Adjustable Stainless Steel Brackets

### Electrical specifications:

**Operating Temperature:** -20°C to +50°C

**Drive Current:** 350mA

**Housing:** Anodised Aluminium Construction

**Lens:** Glass Lens (IP) Acrylic Lens (Non -IP)

### Photometric Information:

**CDS425mm** 12 LEDs  
**CDS615mm** 18 LEDs  
**CDS1190mm** 36 LEDs

CDS - **BBBB** - **CC** - **D** - **EE**

### Order Codes:

Length (BBBB)		Typical Colour Temperature. (CC)	Lens Type (D)	IP Rating Option (EE)
Length (mm)	# of LED's			
425	12	CW = 5000K - 6350K	S = Spot 5° M = Medium 8° W = Wide 20°	IP = IP67
615	18	NW = 3800K - 4100K	V = Oval 8° X 25°	Blank = Non IP
1190	36	WW = 2850K - 3250K	D = Spot Diffused 7°	

### Ordering Codes: Compatible Drivers

Part Number	DESCRIPTION
Colour Driver 36	3 channel DMX controllable LED driver. Up to 12 LEDs per channel, 350mA max drive current

# Series LED Fixture

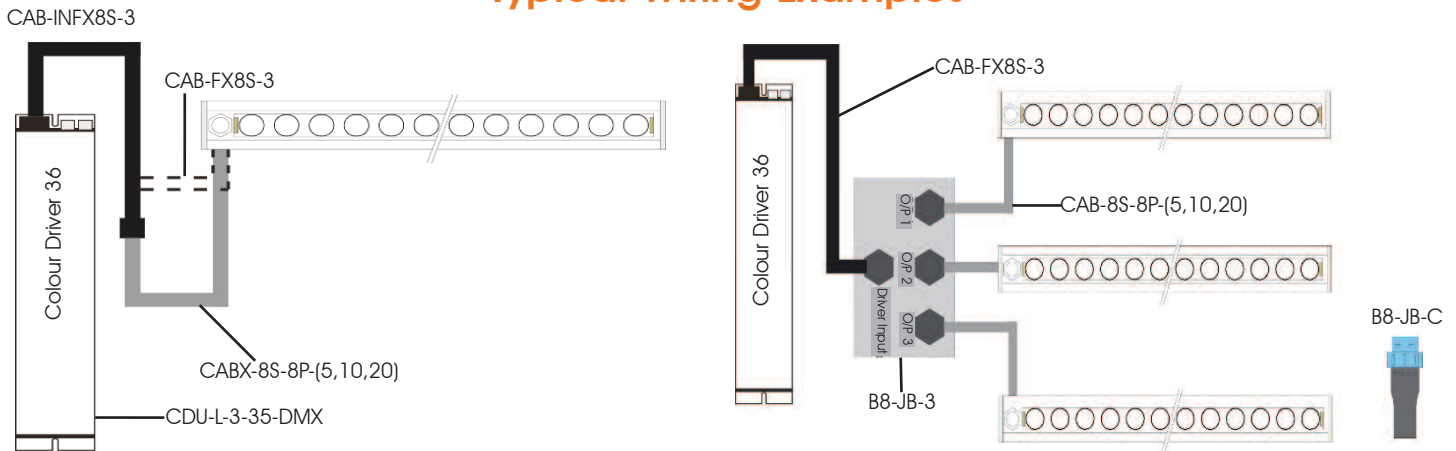
## Cables and Accessories

Accessory Code	Description
CAB-FX8S-3	3 Metre Cable links Colourdriver to Junction Block or LED strip
CAB-INFX8S-3	3 Metre Cable links Colourdriver to Extension Cables (CABX)
CABX-8S-8P-5	5 Metre IP67 Extension Cable
CABX-8S-8P-10	10 Metre IP67 Extension Cable
CABX-8S-8P-20	20 Metre IP67 Extension Cable
B8-JB-3	IP67 Junction Block 1 in 3 Out
B8-JB-C	IP67 Junction Block Common Connector
BRKT-STD	Low Profile - Small Bracket (Pairs) Stainless

### Operating Characteristics

Model / Colour	Initial Lumen Output	Power Consumption	Input Voltage
CD 425 / CW	1200	14.4 Watts	*13.3 - 16.0 VDC (per channel)
CD 425 / NW	1200		
CD 425 / WW	600		
CD 615 / CW	1800	21.6 Watts	*20.0 - 24.0 VDC (per channel)
CD 615 / NW	1800		
CD 615 / WW	900		
CD 1190 / CW	3600	43.2 Watts	*40.0 - 48.0 VDC (per channel)
CD 1190 / NW	3600		
CD 1190 / WW	1800		

### Typical Wiring Examples



### Options connecting to B8-JB-3 (spare outputs requires B8-JB-C)

Product	MAX	MIN
CDS-425	3	2
CDS-625	2	1

Dialight reserves the right to make changes at any time in order to supply the best product possible.

The most current version of this document will always be available at:  
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