



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



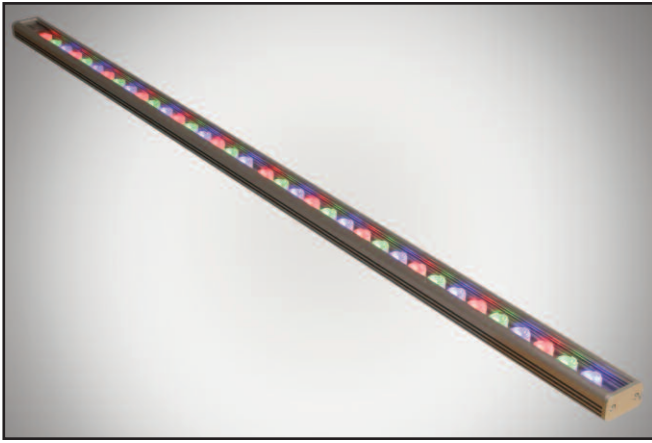
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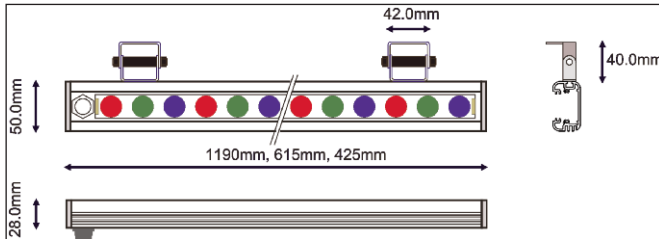
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## CD Series LED Linear RGB Fixture



### Certifications & Compliance

- ▷ IP67 rated version available
- ▷ CE Compliant

### Features & Benefits:

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

### Ordering Codes: Fixtures

### Application:

Utilises 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, 615mm or 1190mm [16.73", 24.21" or 46.85"]

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

**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:

**Colour (typ):** RED 627nm  
GREEN 530nm  
ROYAL BLUE 447nm

**Suitable Controllers:** Sunlight Stand Alone Controller

CDS - **BBBB** - RGB - **C** - **D**

Length (BBBB)			Lens Type (C)	IP Rating Option (D)
Length (mm)	# of LED's	Power Consumption (watts)	S = Spot 5°	P = IP67
			M = Medium 15°	
425	12	14.4	W = Wide 25°	Blank = Non IP
615	18	21.6	V = Oval 5° X 20°	
1190	36	43.2	D = Spot Diffused 7°	

### Ordering Codes: Compatible Drivers

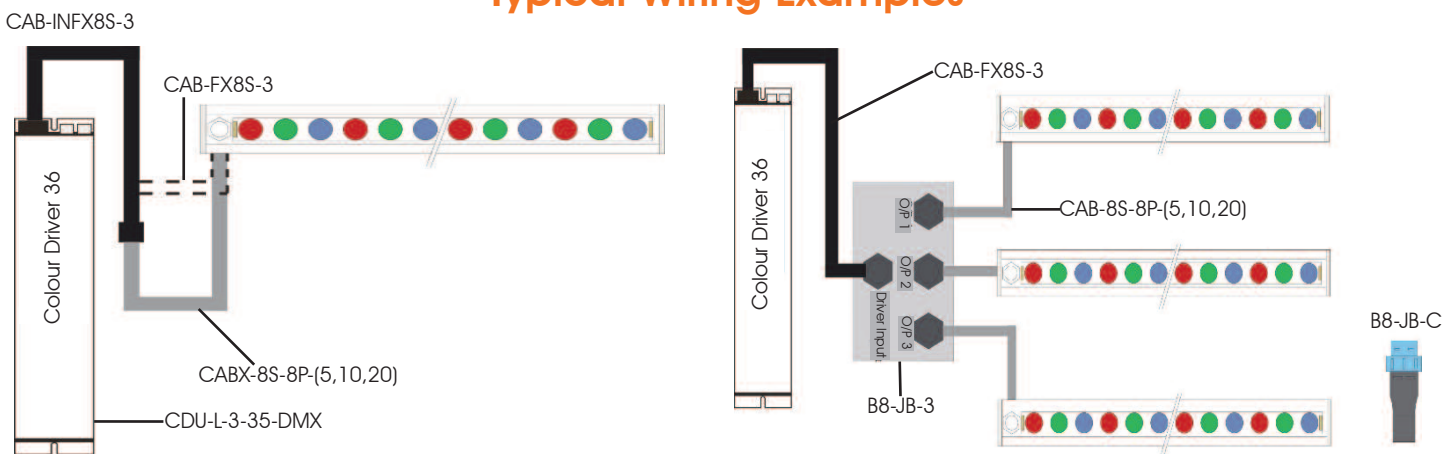
Part Number	Description
CDUL335DMX	ColourDriver 36 - 12 LEDs per channel, 36 Total

# Series LED Fixture

## Cables and Accessories

Accessory Code	Description
CAB-FX8S-3	3 Metre Cable links Colourdriver to Junction Block or RGB strip
CAB-INF8S-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

### 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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