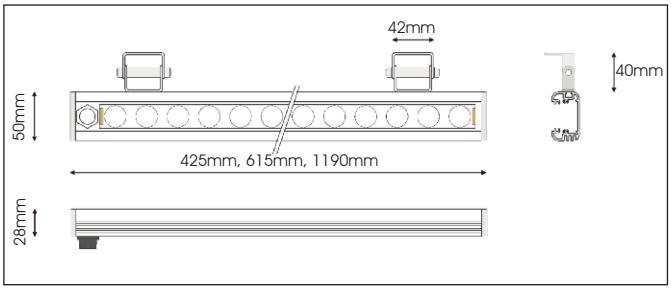
CD Series White LED Linear Fixture



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:	-20ºC to +50ºC
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		S = Spot 5°	
			M = Medium 8°	IP = IP67
425	12	CW = 5000K - 6350K	W = Wide 20°	
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

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Series LED Fixture

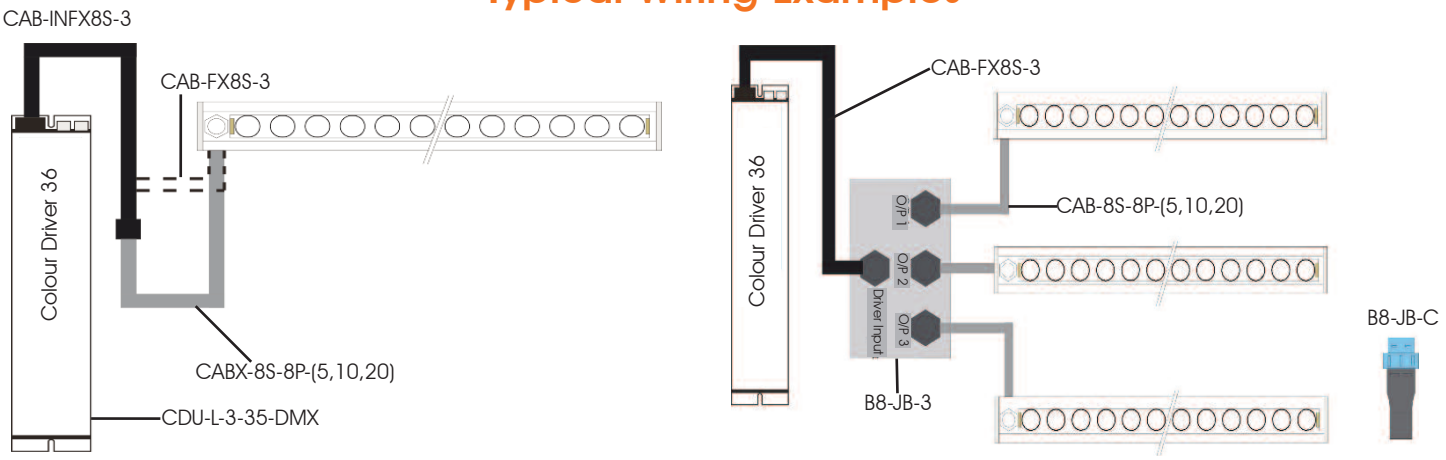
Cables and Accessories

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:
www.dialight.com/Assets/Brochures_And_Catalogs/Illumination/MDEXLUMCDX001.pdf

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