

CD Series White LED Linear Fixture



Certifications & Compliance

- $Descript{IP67}$ rated version available
- \triangleright 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
- $Descript{Low power consumption}$
- $Descript{S}$ Choice of LED colour and optical patterns available

Dialight

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: Lengths available:	28mm x 50mm x Length [1.10" x 1.97" x Length] 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:		
CD\$425mm CD\$615mm CD\$1190mm	12 LEDS 18 LEDS 36 LEDS	

CDS- <u>BBBB</u> - <u>CC</u> - <u>D</u> - <u>EE</u>				
Order Codes:				
Lengt	h (BBBB)	Typical Colour Temperature. (CC)	Lens Type (D)	IP Rating Option (EE)
Length (mm) # of LED's		$S = Spot 5^{\circ}$		
		M = Medium 8°	IP = IP67	
425	12	CW = 5000K - 6350K	$W = Wide 20^{\circ}$	
615	18	NW = 3800K - 4100K	$V = Oval 8^{\circ} X 25^{\circ}$	Blank = Non IP
1190	36	WW = 2850K - 3250K	$D = Spot Diffused 7^{\circ}$	

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		
CD 425 / NW	1200	14.4 Watts	*13.3 - 16.0 VDC (per channel)
CD 425 / WW	600		
CD 615 / CW	1800		
CD 615 / NW	1800	21.6 Watts *20.0 - 24.0 \ (per channel)	
CD 615 / WW	900		
CD 1190 / CW	3600		* 40.0 40.0 \/DO
CD 1190 / NW	3600	43.2 Watts	*40.0 - 48.0 VDC (per channel)
CD 1190 / WW	1800		

CAB-INFX8S-3

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

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