

CBXL-HD

High Density Flexible LED Strip



CBXL-HD Flex Details

Type	Dimmable 24v LED flexible strip
Fixing	3M Self adhesive backing tape
Warranty	Five Years
Class	SELV Class III
IP rating	IP20 / IP65
PCB Weight	60g
Col Consistency	Single Bin
Cut Points	25mm
Reel length	5m 10m
Pre-Wiring	200mm cable at each end
Custom	Pre-wired custom lengths cut to size

CBXL-HD LED Flex Specification & Performance

	5w	10w	15w	20w
LED/m	280	280	280	280
Lumens/m	445-545lm	890-1090lm	1410-1640lm	1880-2180lm
Power	5w	10w	15w	20w
Cut Point	25mm	25mm	25mm	25mm
Beam	120°	120°	120°	120°
CCT	2200K	2200K	2200K	2200K
	2700K	2700K	2700K	2700K
	3000K	3000K	3000K	3000K
	4000K	4000K	4000K	4000K
CRI	95Ra	95Ra	95Ra	95Ra
Constant Voltage	24v	24v	24v	24v
Rated Life	>50k hrs	>50k hrs	>50k hrs	>50k hrs
Max Total Length	12m	12m	11m	10m



Product Configurator

Example: [CBXL-HD/5M.5.927/IP65](#)

Dimming Options

LED Flex	Reel Length	Watts	CCT	IP Rating	Mains Dim / Phase Cut
CBXL-HD	5m	5	922 (2200K)	IP20	DALI
	10m	10	927 (2700K)	IP65	0-10v
	XXm (Custom)	15	930 (3000K)		
		20	940 (4000K)		

Colourbox Studio Ltd

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Drivers

Mains Dim Drivers 24v

Part Code	Max Load	Min Load	Input Current	IP Rating
CBXL-MDD-24/25	25w	2.5w / 10%	0.2A	IP20
CBXL-MDD-24/50	50w	10w / 20%	0.4A	IP20
CBXL-MDD-24/100	100w	34w / 34%	0.6A	IP20
CBXL-MDD-24/200	200w	64w / 32%	1.3A	IP65

Our mains dim drivers provide excellent low level dimming with major control systems e.g. Lutron and approved rotary dimmer modules e.g. V-Pro.

N.B. It is important to check minimum and maximum dimmer loads and the maximum dimmer load current.

DALI-2 Drivers 24v

Part Code	Max Load	Dimming Range	Input Current	IP Rating
CBXL-DALI-24/75	75w	PWM 0.1-100%	0.4A	IP20
CBXL-DALI-24/100	100w	PWM 0.1-100%	0.5A	IP20
CBXL-DALI-24/150	150w	PWM 0.1-100%	0.75A	IP20

Our DALI-2 drivers provide excellent flicker free low level dimming and are suitable for control by DALI gateways and powered DALI rotary dimmers.

0-10v Drivers 24v

Part Code	Max Load	Dimming Range	Input Current	IP Rating
CBXL-0-10v-24/36	36w	PWM 0.1-100%	0.4A	IP20
CBXL-0-10v-24/75	75w	PWM 0.1-100%	0.4A	IP20
CBXL-0-10v-24/100	100w	PWM 0.1-100%	0.4A	IP20
CBXL-0-10v-24/150	150w	PWM 0.1-100%	0.5A	IP20

Colourbox 0-10v drivers provide excellent flicker free low level dimming and are suitable for control by 0-10v control system modules e.g. Lutron RA2 Select.

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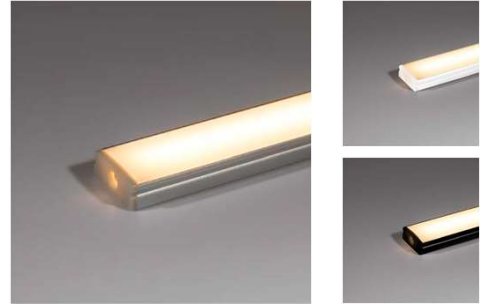
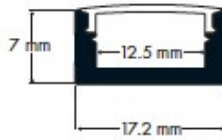
Profiles

CBXL-SP Standard Profile 2m

A versatile profile for general use in coving, uplighting and undershelf mounting. Suitable for all CBXL-HD flexible LED strips. Finished in Silver, Black or White

Part Code	Finish	Diffuser
CBXL-SP-S-OP	Silver	Opal
CBXL-SP-S-CL	Silver	Clear
CBXL-SP-B-OP	Black	Opal
CBXL-SP-B-CL	Black	Clear
CBXL-SP-W-OP	White	Opal
CBXL-SP-W-CL	White	Clear

Dimensions

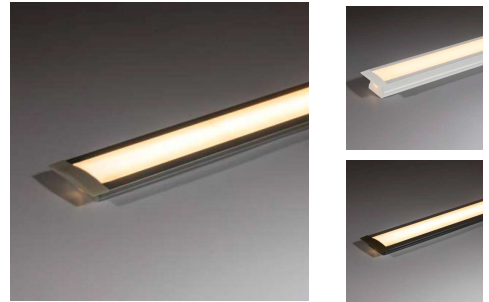
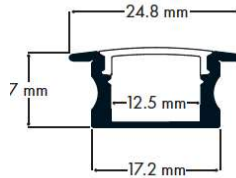


CBXL-RP Recessed Profile 2m

A shallow recessed profile designed for building into shelving and furniture. Suitable for all CBXL-HD flexible LED strips. Finished in Silver, Black or White

Part Code	Finish	Diffuser
CBXL-RP-S-OP	Silver	Opal
CBXL-RP-S-CL	Silver	Clear
CBXL-RP-B-OP	Black	Opal
CBXL-RP-B-CL	Black	Clear
CBXL-RP-W-OP	White	Opal
CBXL-RP-W-CL	White	Clear

Dimensions

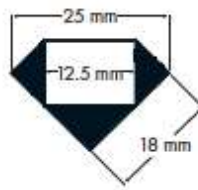


CBXL-AP 45° Angled Profile 2m

An angled profile designed to project light in one direction e.g. wall washing from coves or upper shelving. Suitable for all CBXL-HD flexible LED strips. Finished in Silver, Black or White

Part Code	Finish	Diffuser
CBXL-AP-S-OP	Silver	Opal
CBXL-AP-S-CL	Silver	Clear
CBXL-AP-B-OP	Black	Opal
CBXL-AP-B-CL	Black	Clear
CBXL-AP-W-OP	White	Opal
CBXL-AP-W-CL	White	Clear

Dimensions

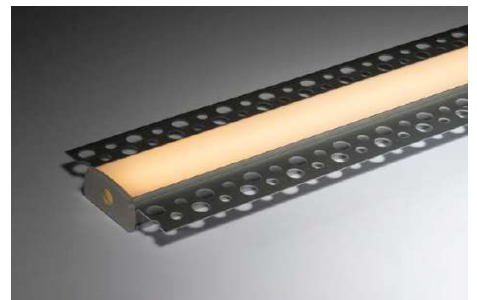
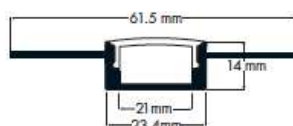


CBXL-PIP Plaster-in Profile 2m

A wider plaster-in profile for invisible trimless installation on plasterboard or rebated into a box profile. Unfinished with opal diffuser. Suitable for all CBXL-LD flexible LED strips.

Part Code	Finish	Diffuser
CBXL-PIP-OP	Unfinished	Opal

Dimensions



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