

## FLX Stix DDV

Eco-Friendly, Dynamic White LED Linear Fixture ideal for display cases and displays where an adjustable color temperature is desired  
Dynamic White LED



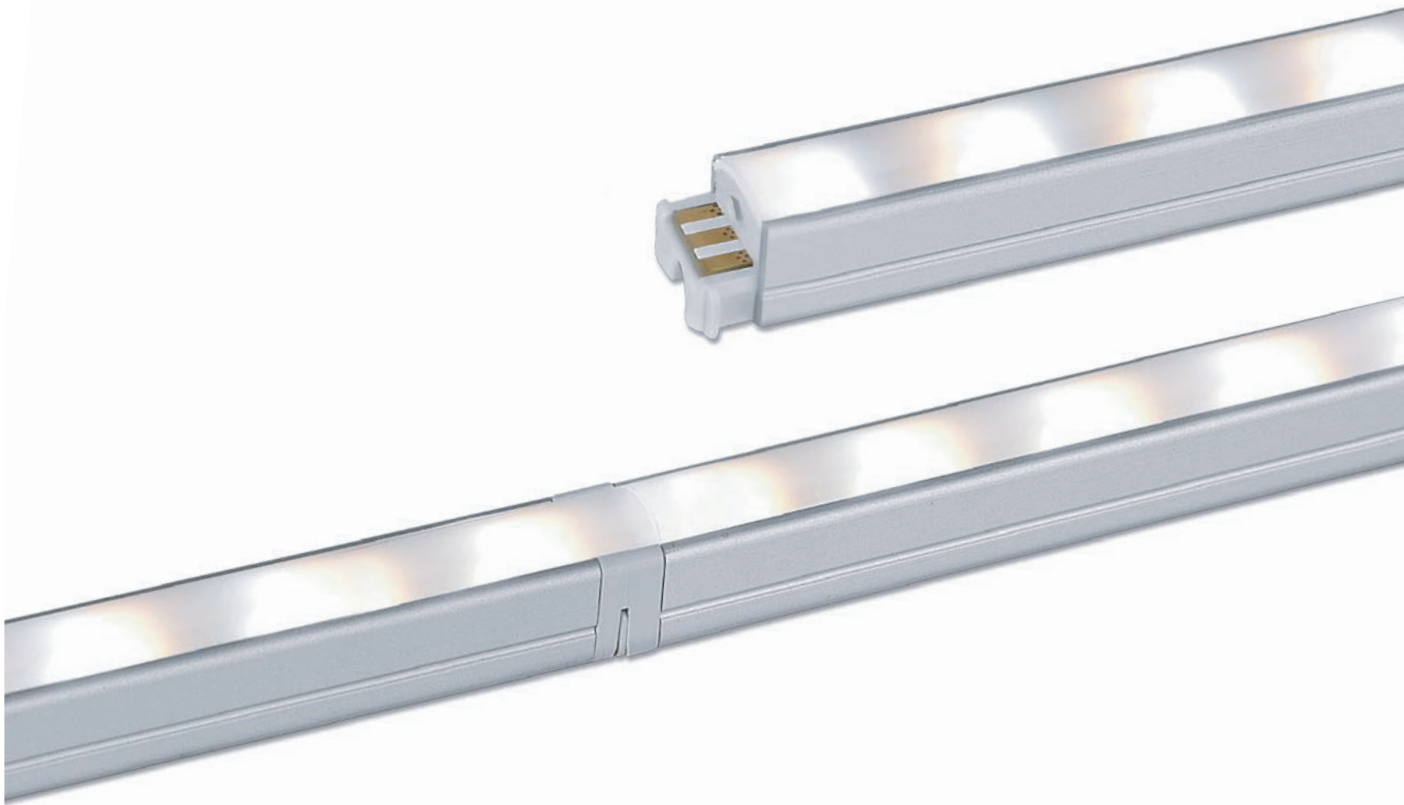


## Product Features

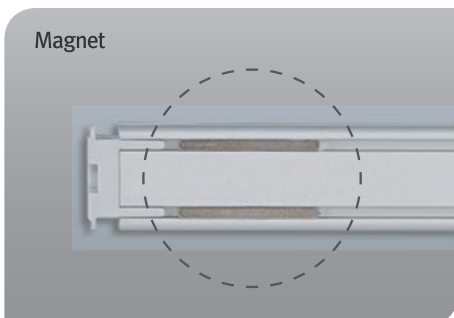
- Super Slim liner LED with white color changing output
- Quick connection system between fixtures
- Many lengths available
- Various mounting methods including magnetic
- To be used with constant voltage DC 24V driver
- Dimmable with available accessories

## Specification

- Voltage : DC 24V
- Operating temperature : 32~113F(0~45° C)
- Lamp life : 40,000hr/70%
- Available color : 2700K ~ 6000K
- Color rendering : Ra > 85
- Energy efficiency : 75 lm/W
- Degree of protection IP20



Magnet



Round Diffuser  
Spot Free LED



Square Diffuser  
Spot Free LED





**FLX Stix DDV**  
Dynamic White



FLX Stix DDV 3W (5 <sup>45</sup>/<sub>64</sub>"<sup>11</sup>)



FLX Stix DDV 6W (11 <sup>7</sup>/<sub>32</sub>"<sup>11</sup>)



FLX Stix DDV 12W (22 <sup>1</sup>/<sub>4</sub>"<sup>11</sup>)

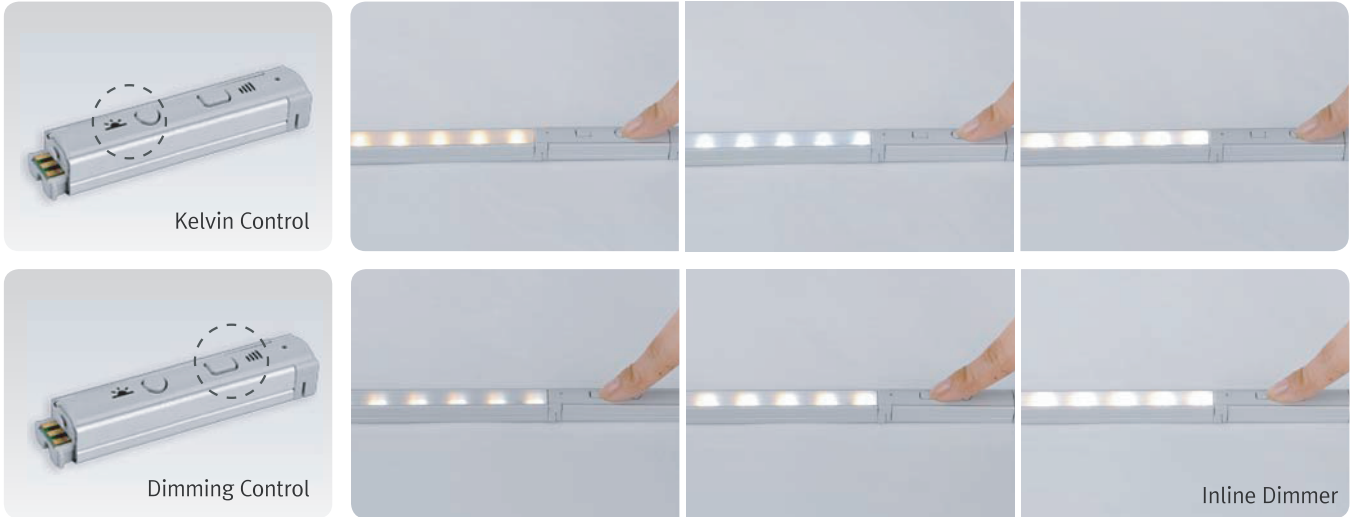


FLX Stix DDV 18W (33 <sup>17</sup>/<sub>64</sub>"<sup>11</sup>)

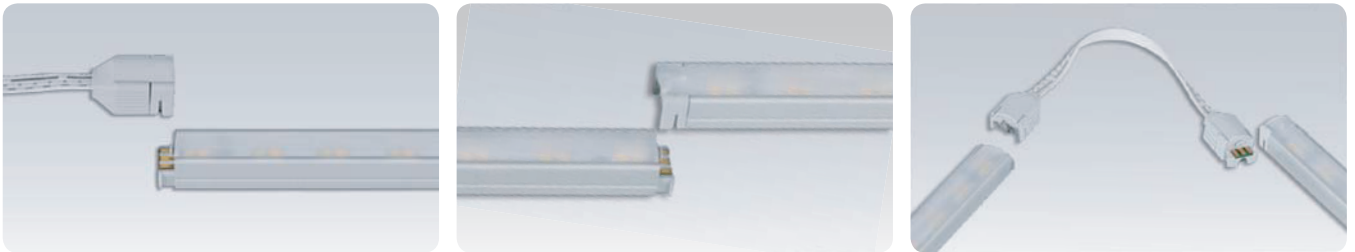


FLX Stix DDV 24W (44 <sup>7</sup>/<sub>32</sub>"<sup>11</sup>)

## Various options

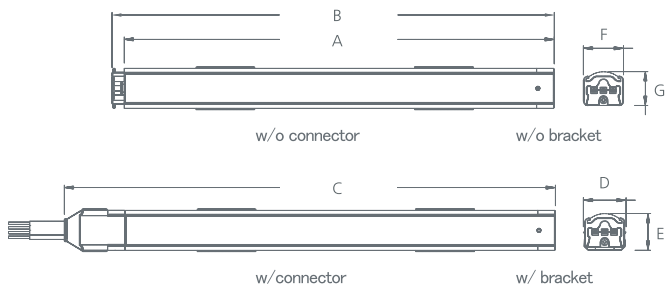


## Easy connection



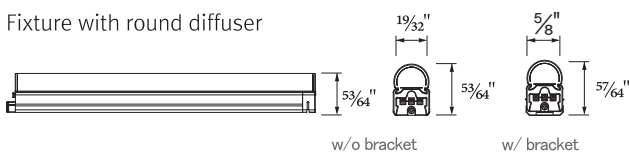
## Dimension

\* Fixture



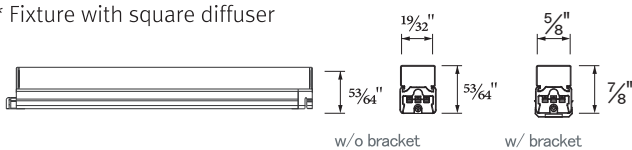
Model Name	Power Input (V)	Lamp Power (W)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
DDV3-WC-24V	DC 24	2.9	140	145	162	16	14	15	12.5
DDV6-WC-24V	DC 24	5.8	280	285	302	16	14	15	12.5
DDV12-WC-24V	DC 24	11.6	560	565	582	16	14	15	12.5
DDV18-WC-24V	DC 24	17.4	840	845	862	16	14	15	12.5
DDV24-WC-24V	DC 24	23.2	1118	1123	1140	16	14	15	12.5

\* Fixture with round diffuser

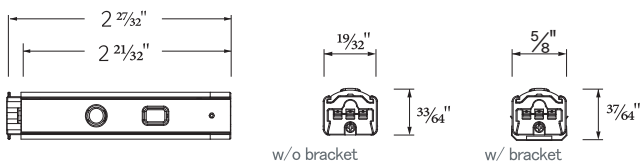


Model Name	Power Input (V)	Lamp Power (W)	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)
DDV3-WC-24V	DC 24	2.9	5 <sup>33</sup> / <sub>64</sub>	5 <sup>45</sup> / <sub>64</sub>	6 <sup>3</sup> / <sub>8</sub>	5/8	3 <sup>5</sup> / <sub>64</sub>	1 <sup>9</sup> / <sub>32</sub>	3 <sup>1</sup> / <sub>64</sub>
DDV6-WC-24V	DC 24	5.8	11 <sup>1</sup> / <sub>32</sub>	11 <sup>7</sup> / <sub>32</sub>	11 <sup>57</sup> / <sub>64</sub>	5/8	3 <sup>5</sup> / <sub>64</sub>	1 <sup>9</sup> / <sub>32</sub>	3 <sup>1</sup> / <sub>64</sub>
DDV12-WC-24V	DC 24	11.6	22 <sup>3</sup> / <sub>64</sub>	22 <sup>1</sup> / <sub>4</sub>	22 <sup>29</sup> / <sub>32</sub>	5/8	3 <sup>5</sup> / <sub>64</sub>	1 <sup>9</sup> / <sub>32</sub>	3 <sup>1</sup> / <sub>64</sub>
DDV18-WC-24V	DC 24	17.4	33 <sup>5</sup> / <sub>64</sub>	33 <sup>17</sup> / <sub>64</sub>	33 <sup>15</sup> / <sub>16</sub>	5/8	3 <sup>5</sup> / <sub>64</sub>	1 <sup>9</sup> / <sub>32</sub>	3 <sup>1</sup> / <sub>64</sub>
DDV24-WC-24V	DC 24	23.2	44 <sup>1</sup> / <sub>64</sub>	44 <sup>7</sup> / <sub>64</sub>	44 <sup>7</sup> / <sub>8</sub>	5/8	3 <sup>5</sup> / <sub>64</sub>	1 <sup>9</sup> / <sub>32</sub>	3 <sup>1</sup> / <sub>64</sub>

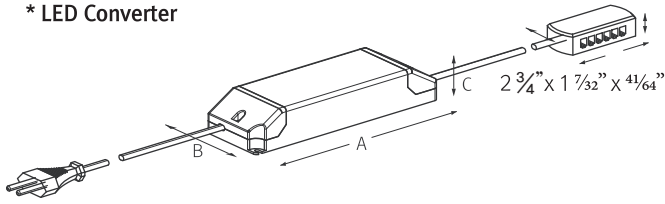
\* Fixture with square diffuser



\* Inline dimmer

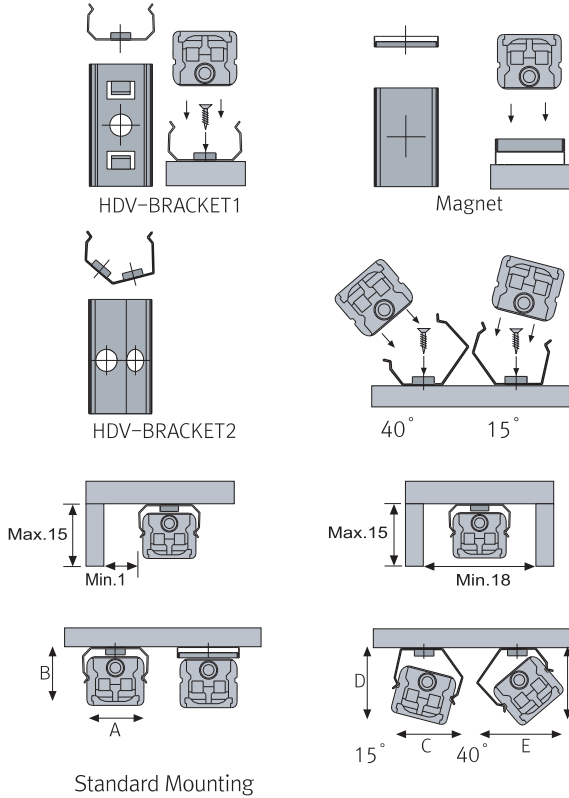


\* LED Converter



Model Name	A (mm)	B (mm)	C (mm)
FLC15-24V/XL	121	45	16
FLC30-24V/XL	150	41	31
FLC75-24V/XL	180	60	32

Installation



Max. connection

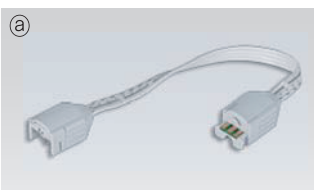
- FLX Stix DDV : 75Watt in one row (single power feed)
- LED Driver

LED Driver Model Name	Max. units for LED Driver		
	24V/15W	24V/30W	24V/75W
DDV3-WC-24V	5	10	25
DDV6-WC-24V	2	5	12
DDV12-WC-24V	1	2	6
DDV18-WC-24V	-	1	4
DDV24-WC-24V	-	1	3

	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)
Flat type	16.8	14.2	17.5	16.5	19.1	17.5
Round type	16.8	22.1	18.8	24.4	23.4	22.9
Square type	16.8	22.6	21.3	26.2	25.7	25.7

	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)
Flat type	2 <sup>1</sup> / <sub>32</sub>	9 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>32</sub>	2 <sup>1</sup> / <sub>32</sub>	1 <sup>1</sup> / <sub>16</sub>
Round type	2 <sup>1</sup> / <sub>32</sub>	7 <sup>7</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>64</sub>	6 <sup>1</sup> / <sub>64</sub>	5 <sup>9</sup> / <sub>64</sub>	2 <sup>29</sup> / <sub>32</sub>
Square type	2 <sup>1</sup> / <sub>32</sub>	5 <sup>7</sup> / <sub>64</sub>	2 <sup>7</sup> / <sub>32</sub>	1 1 <sup>1</sup> / <sub>32</sub>	1 1 <sup>1</sup> / <sub>64</sub>	1 1 <sup>1</sup> / <sub>64</sub>

Accessories



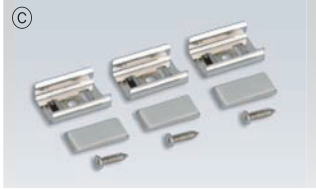
Ⓐ Connecting cables (Between FLX Stix DDV & FLX Stix DDV)

HDVPTC	HDVPTC1	HDVPTC2	HDVPTC4	HDVPTC6
5 29 <sup>5</sup> / <sub>32</sub> "	11 13 <sup>1</sup> / <sub>16</sub> "	23 5 <sup>5</sup> / <sub>8</sub> "	47 1 <sup>1</sup> / <sub>4</sub> "	70 55 <sup>5</sup> / <sub>64</sub> "



Ⓑ Power feed : HDVPC

Power feed 98 27<sup>3</sup>/<sub>64</sub>" (Between DIVA2 DUAL & 6-way distributor)



**c) Mounting bracket : HDV-BRACKET1**  
Included in fixture



**d) Angle bracket (15 & 40 ) : HDV-BRACKET2**



**e) Sidefed for seamless extension (3W) : DDV3-WC-24V-S**  
The dimension is the same as DDV3-WC-24V



**f) End cap : HDV-END-CAP**  
Included in fixture

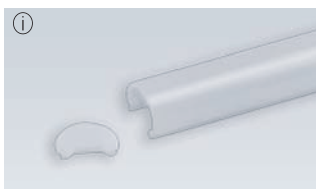


**g) LED Driver with 6way distributor, with power cord(70 55/64)**

Part No	FLC15-24V/XL	FLC30-24V/XL	FLC75-24V/XL
Capacity	15W 24V	30W 24V	75W 24V

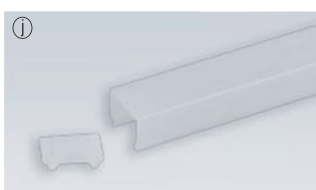


**h) Inline Dimmer : DDVDIM**  
Max 75W in a row



**i) Round Diffuser**

HDV-3W-RM	HDV-6W-RM	HDV-12W-RM	HDV-18W-RM	HDV-24W-RM
3W	6W	12W	18W	24W



**j) Square Diffuser**

HDV-3W-SM	HDV-6W-SM	HDV-12W-SM	HDV-18W-SM	HDV-24W-SM
3W	6W	12W	18W	24W



**k) Connecting bracket : HDV-BRACKET3**  
Included in fixture