

FEELUX

## FLX Stix HDV

The FLX Stix HDV is a high output version of the FLX Stix NDV where more light is needed

Little Light, Bigger Punch!



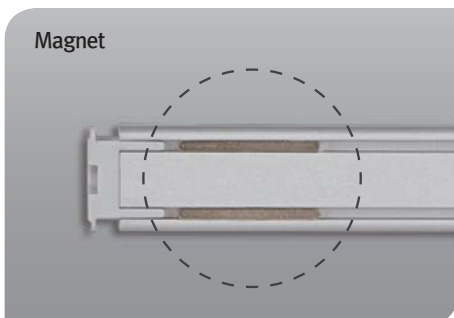


### Product Features

- Super Slim liner LED with standard 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 : 2400K, 2700K, 3000K, 3500K, 4000K, 6000K
- Color rendering : Ra > 85
- Energy efficiency : 75lm/W
- Degree of protection IP20





**FLX Stix HDV**  
High Output



FLX Stix HDV 3W (5 45/64")



FLX Stix HDV 6W (11 7/32")



FLX Stix HDV 12W (22 1/4")



FLX Stix HDV 18W (33 17/64")



FLX Stix HDV 24W (44 7/32")



Various options



Inline dimmer

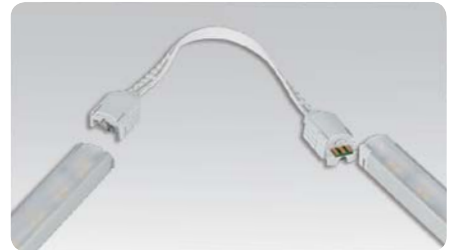
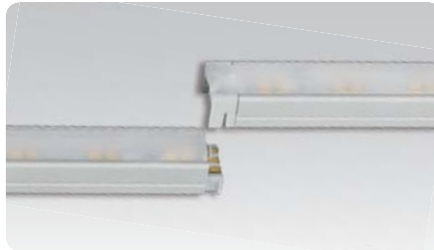
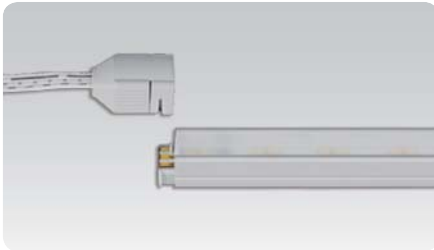


50% Output



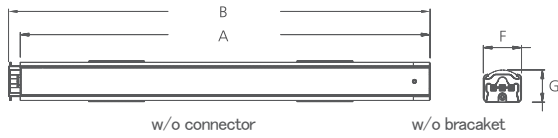
100% Output

Easy connection



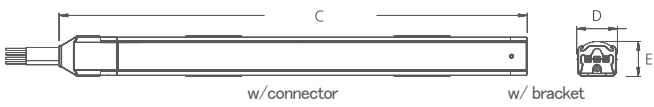
Dimension

\* Fixture



w/o connector

w/o bracket

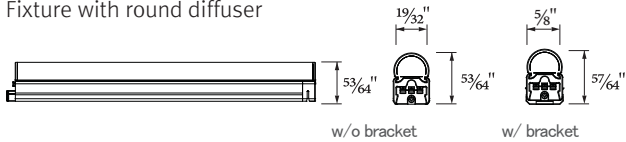


w/connector

w/ bracket

Model Name	Power Input (V)	Lamp Power (W)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
HDV3-[Color]K-24V	DC 24	2.9	140	145	162	16	14	15	12.5
HDV6-[Color]K-24V	DC 24	5.8	280	285	302	16	14	15	12.5
HDV12-[Color]K-24V	DC 24	11.6	560	565	582	16	14	15	12.5
HDV18-[Color]K-24V	DC 24	17.4	840	845	862	16	14	15	12.5
HDV24-[Color]K-24V	DC 24	23.2	1118	1123	1140	16	14	15	12.5

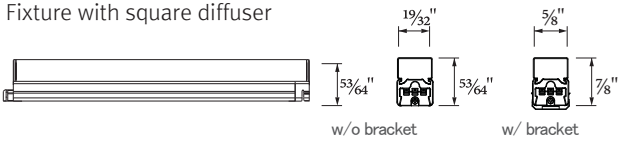
\* Fixture with round diffuser



w/o bracket

w/ bracket

\* Fixture with square diffuser

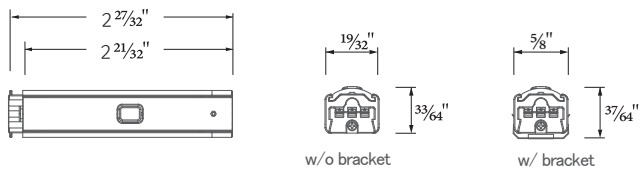


w/o bracket

w/ bracket

Model Name	Power Input (V)	Lamp Power (W)	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)
HDV3-[Color]K-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>	<sup>5</sup> / <sub>8</sub>	<sup>35</sup> / <sub>64</sub>	<sup>19</sup> / <sub>32</sub>	<sup>31</sup> / <sub>64</sub>
HDV6-[Color]K-24V	DC 24	5.8	11 <sup>11</sup> / <sub>32</sub>	11 <sup>7</sup> / <sub>32</sub>	11 <sup>57</sup> / <sub>64</sub>	<sup>5</sup> / <sub>8</sub>	<sup>35</sup> / <sub>64</sub>	<sup>19</sup> / <sub>32</sub>	<sup>31</sup> / <sub>64</sub>
HDV12-[Color]K-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>	<sup>5</sup> / <sub>8</sub>	<sup>35</sup> / <sub>64</sub>	<sup>19</sup> / <sub>32</sub>	<sup>31</sup> / <sub>64</sub>
HDV18-[Color]K-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>	<sup>5</sup> / <sub>8</sub>	<sup>35</sup> / <sub>64</sub>	<sup>19</sup> / <sub>32</sub>	<sup>31</sup> / <sub>64</sub>
HDV24-[Color]K-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>	<sup>5</sup> / <sub>8</sub>	<sup>35</sup> / <sub>64</sub>	<sup>19</sup> / <sub>32</sub>	<sup>31</sup> / <sub>64</sub>

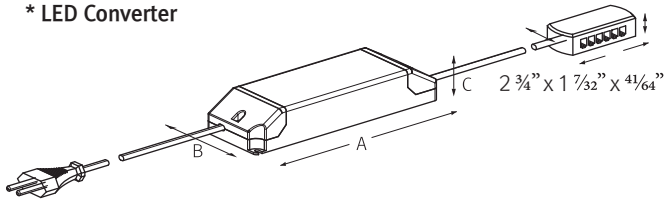
\* Inline dimmer



w/o bracket

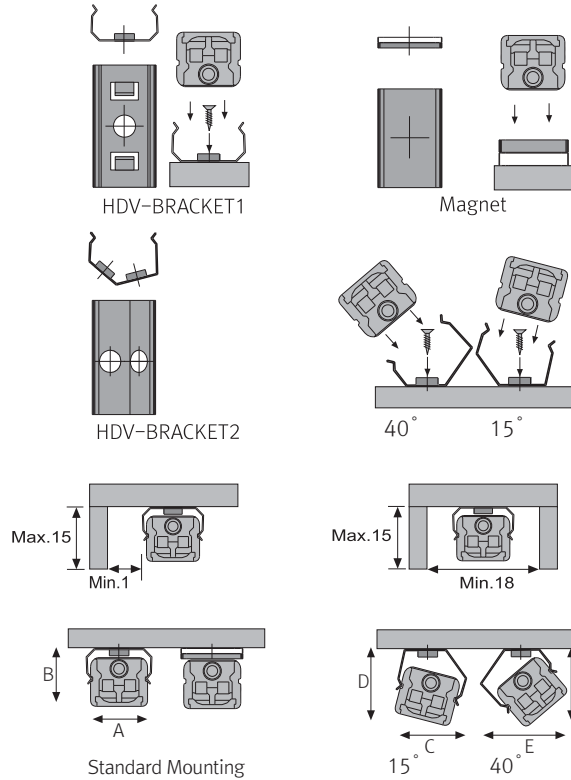
w/ bracket

\* 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

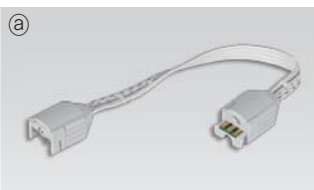
- FLX Stix HDV : 75Watt in one row (single power feed)
- LED Driver

LED Driver Model Name	Max. units for LED Driver		
	24V/15W	24V/30W	24V/75W
HDV3-[Color]K-24V	5	10	25
HDV6-[Color]K-24V	2	5	12
HDV12-[Color]K-24V	1	2	6
HDV18-[Color]K-24V	-	1	4
HDV24-[Color]K-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>9</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 HDV & FLX Stix HDV)

HDVPTC	HDVPTC1	HDVPTC2	HDVPTC4	HDVPTC6
5 29 <sup>3</sup> / <sub>32</sub> "	11 13 <sup>1</sup> / <sub>16</sub> "	23 5 <sup>1</sup> / <sub>8</sub> "	47 1 <sup>1</sup> / <sub>4</sub> "	70 55 <sup>3</sup> / <sub>64</sub> "



Ⓑ Power feed : HDVPC

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



© **Mounting Bracket : HDV-BRACKET1**  
Included in fixture



Ⓓ **Angle Bracket (15 & 40) : HDV-BRACKET2**



Ⓔ **Sidefeed for seamless extension (3W) : HDV3-[Color]K-24V-S**  
The dimension is the same as HDV3-[Color]K-24V



Ⓕ **End cap : HDV-END-CAP**  
Included in fixture



Ⓖ **LED Driver with 6way distributor, with power feed(70<sup>55/64</sup>"**

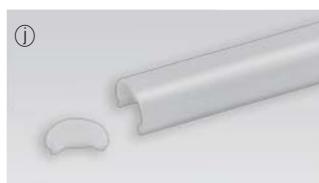
Part No	FLC15-24V/XL	FLC30-24V/XL	FLC75-24V/XL
Capacity	15W 24V	30W 24V	75W 24V



Ⓖ **Dimming Interface (1-10V) : FDC-L10 (Max.100W)**

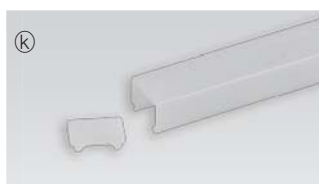


Ⓖ **Inline Dimmer : HDVDIM (Max 75W in a row)**



Ⓖ **Round Diffuser**

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



Ⓖ **Square Diffuser**

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



Ⓖ **Connecting Bracket : HDV-BRACKET3**  
Included in fixture