

## FEELUX Low Voltage LED Luminaire DC 24V, CRI 90

FLX Stix HDPro CRI90 (Pat 8,746,933)

<b>Type</b>	<b>HDP2</b> xxK-24V-C90-FLEX	1.5W, 0.06A	<b>HDP18</b> xxK-24V-C90	17.4W, 0.72A
	<b>HDP3</b> xxK-24V-C90(-S)	2.9W, 0.12A	<b>HDP24</b> xxK-24V-C90	23.2W, 0.96A
	<b>HDP6</b> xxK-24V-C90	5.8W, 0.24A	(xx=LED Color Temperature)	
	<b>HDP12</b> xxK-24V-C90	11.6W, 0.48A		



Class of protection III  
Degree of protection IP 20  
Radio-interference-suppressed

This LED Luminaire is designed for universal usage in shop constructions, counters, shelves, display units, concealed lightings, and etc. Continuous row lightings are to be connected through flexible/direct connector and power supply cord

### Mounting Dimensions



Fig.1 MAIN (HDPx xxK-24V-C90)

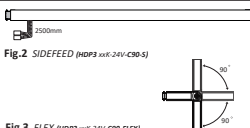


Fig.2 SIDEFEED (HDP3 xxK-24V-C90-S)

Fig.3 FLEX (HDP2 xxK-24V-C90-FLEX)

FLX Stix HDPro CRI90	Wattage	Voltage Kelvin	Length L
<b>HDP2</b> xxK-24V-C90-FLEX (xx=22,25,27,30,35,40,60)	1.5W	DC 24V	82 mm(3 7/32")
<b>HDP3</b> xxK-24V-C90, <b>HDP3</b> xxK-24V-C90-S (xx=22,25,27,30,35,40,60)	2.9W		145 mm(5 23/32")
<b>HDP6</b> xxK-24V-C90 (xx=22,25,27,30,35,40,60)	5.8W	22 : 2200K 25 : 2500K 27 : 2700K 30 : 3000K	285 mm(11 1/4")
<b>HDP12</b> xxK-24V-C90 (xx=22,25,27,30,35,40,60)	11.6W	35 : 3500K 40 : 4000K 60 : 6000K	565 mm(22 1/4")
<b>HDP18</b> xxK-24V-C90 (xx=22,25,27,30,35,40,60)	17.4W		845 mm(33 1/4")
<b>HDP24</b> xxK-24V-C90 (xx=22,25,27,30,35,40,60)	23.2W		1125 mm(44 1/4")

### Mounting Arrangements

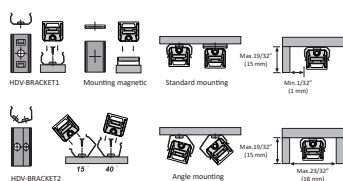


Fig.4 Mounting max. permitted ambient temperature: 45 °C

### Installation

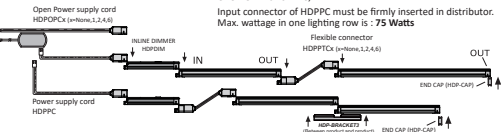


- LED DRIVER (CV mode)
- FL-C75-24V (DC 24V 75W)
  - FL-C30-24V (DC 24V 30W)
  - FL-C15-24V (DC 24V 15W)

The direction of the supply must be observed prior to installation (IN-Input connector...OUT-Output connector). Fixing of the LED Luminaire takes place via mounting clips/magnets. These must be fixed at the desired area with screw(s), then the LED Luminaire can be snapped in place.

Insert the end cap to the last luminaire of one lighting row  
**Connect only to designated LED - Drivers with constant output voltage 24V**

Feelux will not grant guarantee for LED luminaires if unspecified LED drivers are used without the written consent of Feelux II



**CAUTION Risk of Fire,**  
Input connector of HDPPC must be firmly inserted in distributor.  
Max. wattage in one lighting row is : **75 Watts**

FEELUX LED DRIVER	Maximum interconnected units for LED DRIVER					
	HDP2	HDP3	HDP6	HDP12	HDP18	HDP24
DC 24V 15W	10	5	2	1	1	1
DC 24V 30W	20	10	5	4	1	1
DC 24V 75W	50	24	12	6	4	2

### WARNING Information

This lighting is for indoor use only. Installation and removal must be performed after power supply disconnected. Installation shall be performed by a qualified electrician understanding the construction and operation of this lighting system and the electrical requirements involved. When connecting, insert connectors firmly. Pay close attention to the IN-Male...OUT-Female figures in lighting. Meaning of crossed out wheeled dustbin: Do not dispose electrical appliances as unsorted municipal waste, use designated collection facilities. Contact local government for information regarding available collection systems. If electrical appliances are disposed in landfills, hazardous substances/materials can leak into the groundwater, and obstruct food chain, damaging your health and well being. When replacing old appliances with new ones, the retailer is legally responsible for taking back old appliance for disposal with free of charge. Do not make modifications to or alter lighting housing, driver enclosure or electrical components other than those required for proper installation.

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### CAUTION Information

The unit conforms to the electromagnetic compatibility directive 2014/30/EU, and low voltage directive 2014/35/EU  
**! RISK OF FIRE (ATTENTION – RISQUE D'INCENDIE)**  
**! INHERENTLY PROTECTED (PROTECTION INHÉRENTE)**  
**! USE ONLY WITH CLASS 2 POWER UNIT (UTILISER SEULEMENT AVEC LA CLASSE 2 BLOC D'ALIMENTATION)**  
**! SUITABLE FOR DAMP LOCATIONS (CONVIENT AUX EMPLACEMENTS HUMIDES)**  
**! SUITABLE FOR UNDER-CABINET MOUNT (PEUT ÊTRE FIXE SOUS UNE ARMOIRE)**  
**! SUITABLE FOR INSTALLATION IN THE STORAGE AREA OF A CLOTHES CLOSET (APPROPRIÉ POUR L'INSTALLATION DANS LA ZONE DE STOCKAGE D'UN PLACARD)**  
**! INDOOR USE ONLY**  
 LED light may be bright and intense enough to cause injury to human eyes. The customer should never look directly into the LED light.