

FEELUX Fixed furniture LED Luminaire DC 24V

Type	HDV1 xxK-24V	1.3W, 0.06A	HDV12 xxK-24V	11.6W, 0.48A
	HDV2 xxK-24V-FLEX	2.3W, 0.10A	HDV18 xxK-24V	17.4W, 0.72A
	HDV3 xxK-24V(-S)	2.9W, 0.12A	HDV24 xxK-24V	23.2W, 0.96A
	HDV6 xxK-24V	5.8W, 0.24A	(xx=LED Color Temperature)	

FLX Stix HDV series - Pat 8,746,933

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

Intertek
 5000176

 CONFORMS TO ANSI/UL STD.2108
 CERTIFIED TO CSA STD.C22.2 NO.9.10

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


★ OPTION - Round Type or Square Type Diffuser

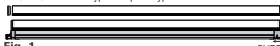
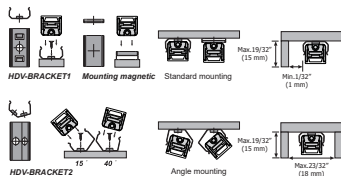

Fig. 1

Fig. 3 Flex (HDV2 xxK-24V-FLEX)

FLX Stix HDV series	Wattage	Voltage Kelvin	Length L
HDV1 xxK-24V (xx=22.27,30,35,40,60)	1.3W	DC 24V	67 mm(2 11/16")
HDV2 xxK-24V-FLEX (xx=22.27,30,35,40,60)	2.3W		105 mm(4 1/8")
HDV3 xxK-24V, HDV3 xxK-24V-S (xx=22.27,30,35,40,60)	2.9W		145 mm(5 23/32")
HDV6 xxK-24V (xx=22.27,30,35,40,60)	5.8W	22 : 2200K 27 : 2700K 30 : 3000K 35 : 3500K 40 : 4000K 60 : 6000K	285 mm(11 1/4")
HDV12 xxK-24V (xx=22.27,30,35,40,60)	11.6W		565 mm(22 1/4")
HDV18 xxK-24V (xx=22.27,30,35,40,60)	17.4W		845 mm(33 1/4")
HDV24 xxK-24V (xx=22.27,30,35,40,60)	23.2W		1125 mm(44 1/4")

Mounting Arrangements

Fig. 4 max. permitted ambient temperature: **45 °C**
Installation

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

LED DRIVER (CV mode)
 - FLC75-24V (DC 24V 75W)
 - FLC30-24V (DC 24V 30W)
 - FLC15-24V (DC 24V 15W)

The direction of the supply must be observed prior to installation (IN-Male...OUT-Female).
 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 !!

FEELUX LED DRIVER	HDV1	HDV3	HDV6	HDV12	HDV18	HDV24
DC 24V 15W	11	5	2	1	-	-
DC 24V 30W	23	10	5	2	1	1
DC 24V 75W	57	24	12	6	4	3

Maximum interconnected with the LED DRIVER

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.

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 INHERENTE)
! 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 ETRE FIXE SOUS UNE ARMOIRE)
! SUITABLE FOR INSTALLATION IN THE STORAGE AREA OF A CLOTHES CLOSET (APPROPRIE 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.