

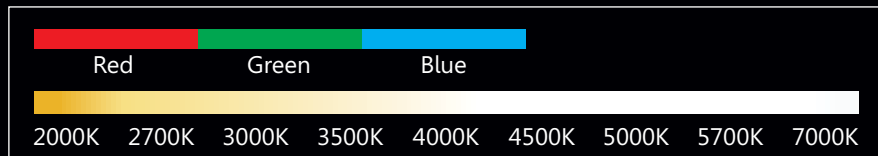
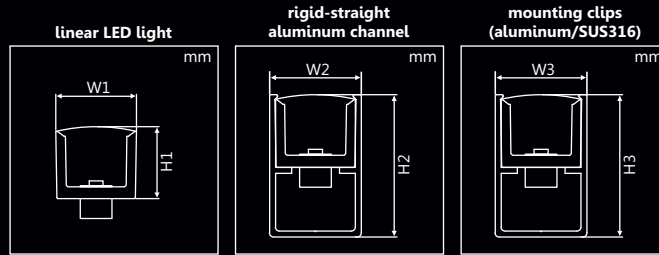
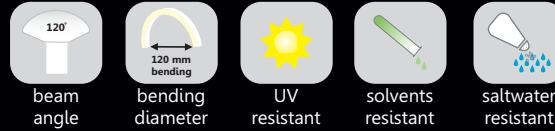
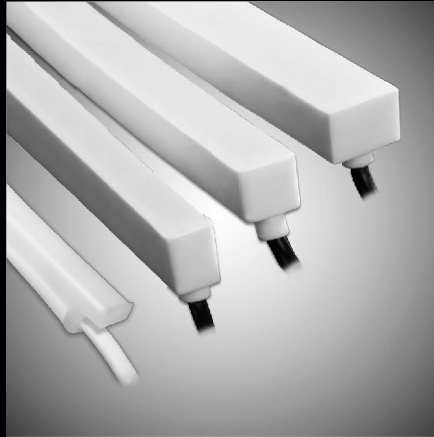
flat range horizontally/vertically flexible



Item: flexible linear LED light
material: UV-rays stabilized encapsulated polyurethane, resin surface treated, corrosion-resistant/waterproof
 flat side/top, 120° beam angle
 uniform light distribution (dots-free)
 wide range of CCT and RGB LED
 bending diameter min 120mm
mounting options: - aluminum channels:
 rigid straight (**AL.CH.RIG**) / flexible (**AL.CH.FLX**)
 - stainless steel clip bracket 1.4401/SUS316 (**BCK.SLS**)

LED: SMD (Epistar/Osram/Nichia)
CRI: >80
Binning: 3 MacAdam, one bin
LED driver/DMX: remote
Volt DC: 24V CC/CV
 ND - non-dimmable
 PH - phase dimmable
 010V - 0-10V dimmable
 DALI - compatible with DALI
 DMX - controlled by DMX

Application:
 indoors: offices, decorative areas
 outdoors: signs, architectural features
 facade, sculptures, swimming pools, parks, etc.
Operating temperature range: -30° ~ +65°C
Storage temperature range: -30° ~ +75°C
LED Lifetime: 60,000 hrs



LED color options:
 - white (2000-7000K)
 - single fixed various colors (WH/R/G/B)
 - RGB color changing
 - custom LED colors are available
 - custom color filtering is available

horizontally flexible ("side view")

Type: 11.43.S06.01
Material: industrial resin
Dimensions, mm:
 Linear light: W1-13 x H1-20
 Maximum continuous length: 3m
 Light with straight rigid aluminum profile: W2-16 x H2-40
 Light with flexible aluminum profile: W3-16 x H3-43

Ref Code	Watt/m	Lm/m	LEDs/m	SMD	Cut Unit,mm	LED color	Control
11.43.S06.01.01.05	5W	300	96	2835	62.5	single fixed	on/off
11.43.S06.01.02.08	8W	480	96	2835	62.5	single fixed	on/off
11.43.S06.01.03.14.4	14.4W	864	120	2835	50	single fixed	on/off
11.43.S06.01.04.7.2	7.2W	432	72	2835	250	single fixed	12-chn DMX/12 pix
11.43.S06.01.05.17.28	17.28W	-	72	3535	250	RGB	36-chn DMX/12 pix
11.43.S06.01.06.12	12W	668	96	2835	62.5	single fixed	on/off
11.43.S06.01.07.14.4	14.4W	-	60	5050	100	RGB	on/off



Type: 11.44.S06.02
Material: encapsulated polyurethane
Dimensions, mm:
 Linear light: W1-16 x H1-15
 Maximum continuous length: 4m
Note: * there is no flexible aluminum channel for this item

Ref Code	Watt/m	Lm/m	LEDs/m	SMD	Cut Unit,mm	LED color	Control
11.44.S06.02.01.10	10W	880	140	3014	50	single fixed	on/off
11.44.S06.02.02.10	10W	-	70	5050	100	RGB	on/off



Ordering Guide:
 11.43.S06.01.01.05+CT35+ND+AL.CH.FLX (or BCK.SLS)
 (item code+CCT+non-dim+aluminum flexible profile (or stainless steel clips))

horizontally flexible ("side view")

Type: 11.43.S06.07

Material: industrial resin

Dimensions, mm:

Linear light: W1-10 x H1-12.5

Maximum continuous length: 3m

Note: * there is no flexible aluminum channel for this item

Ref Code	Watt/m	Lm/m	LEDs/m	SMD	Cut Unit,mm	LED color	Control
11.43.S06.07.01.05	5W	339	96	2835	62.5	single fixed	on/off
11.43.S06.07.02.08	8W	400	96	2835	62.5	single fixed	on/off
11.43.S06.07.03.10	10W	720	96	2835	62.5	single fixed	on/off



vertically flexible ("top view")

Type: 11.44.S06.03

Material: encapsulated polyurethane

Dimensions, mm:

Linear light: W1-10 x H1-10

Maximum continuous length: 5m

Note: * there is no flexible aluminum channel for this item

Ref Code	Watt/m	Lm/m	LEDs/m	SMD	Cut Unit,mm	LED color	Control
11.44.S06.03.01.10	10W	900	144	3014	42	single fixed	on/off
11.44.S06.03.02.10	10W	-	72	5050	83	RGB	on/off 1-ch DMX/12 pix 36-ch DMX/12 pix



Type: 11.44.S06.04

Material: encapsulated polyurethane

Dimensions, mm:

Linear light: W1-20 x H1-12

Maximum continuous length: 4m

Note: * there is no flexible aluminum channel for this item

Ref Code	Watt/m	Lm/m	LEDs/m	SMD	Cut Unit,mm	LED color	Control
11.44.S06.04.01.10	10W	500	140	3014	50	single fixed	on/off
11.44.S06.04.02.10	10W	-	70	5050	100	RGB	on/off 1-ch DMX/12 pix 36-ch DMX/12 pix



Type: 11.43.S06.05

Material: industrial resin

Dimensions, mm:

Linear light: W1-16 x H18

Maximum continuous length: 3m (custom length of 4m is possible on request)

Light with straight rigid aluminum profile: W2-17 x H2-32

Light with flexible aluminum profile: W3-18 x H3-37

Ref Code	Watt/m	Lm/m	LEDs/m	SMD	Cut Unit,mm	LED color	Control
11.43.S06.05.01.05	5W	300	96	2835	62.5	single fixed	on/off
11.43.S06.05.02.08	8W	480	96	2835	62.5	single fixed	on/off
11.43.S06.05.03.14.4	14.4W	864	72	2835	50	single fixed	on/off
11.43.S06.05.04.7.2	7.2W	432	96	2835	250	single fixed	12-chn DMX/12 pix
11.43.S06.05.05.14.4	14.4W	-	60	5050	100	RGB	on/off
11.43.S06.05.06.17.3	17.3W	-	72	3535	250	RGB	36-chn DMX/12 pix
11.43.S06.05.07.15.3	15.3W	416	120	2835	50	turquoise	on/off
11.43.S06.05.08.16.4	16.4W	1530	120	2835	50	single fixed	on/off
11.43.S06.05.09.12	12W	750	96	2835	62.5	single fixed	on/off



Type: 11.43.S06.06

Material: industrial resin

Dimensions, mm:

Linear light: W1-20 x H18

Maximum continuous length: 3m

Light with straight rigid aluminum profile: W2-23 x H2-36

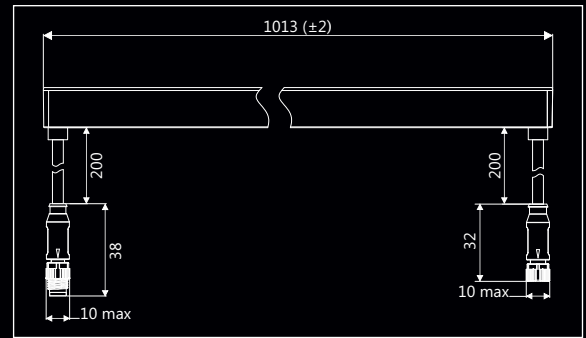
Light with flexible aluminum profile: W3-23 x H3-37

Ref Code	Watt/m	Lm/m	LEDs/m	SMD	Cut Unit,mm	LED color	Control
11.43.S06.06.01.05	5W	300	96	2835	62.5	single fixed	on/off
11.43.S06.06.02.08	8W	480	96	2835	62.5	single fixed	on/off
11.43.S06.06.03.14.4	14.4W	864	72	2835	50	single fixed	on/off
11.43.S06.06.04.7.2	7.2W	432	60	2835	250	single fixed	12-chn DMX/12 pix
11.43.S06.06.05.14.4	14.4W	-	72	5050	100	RGB	on/off
11.43.S06.06.06.17.3	17.3W	-	-	3535	250	RGB	36-chn DMX/12 pix
11.43.S06.06.07.12	12W	750	96	2835	62.5	single fixed	on/off
11.43.S06.06.08.19.2	19.2W	-	72	2835+3535	83.3	RGBW	DMX/SPI



Notes:

- * Lm data given is based on white color CCT3000k
- * mention color of LED in code when ordering
- * custom length and wattage options available on request
- * max length is 8 meters for series connection
- * power of LED driver should be 20% higher than power of the product
- * power consumption data of products is (+/-) 10%
- * power consumption tolerance is (+/-) 1W
- * CCT data is given with an accuracy of (+/-) 100K
- * Luminous flux tolerance is (+/-) 10%
- * Mention according coding for flexible or rigid aluminum channels with according width (W1), **example:**
AL.CH.FLX.13/16/20 - flexible channel for 13mm width (W1)
AL.CH.RIG.10/13/16/20 - straight rigid channel for 20mm width (W1)



LED drivers' options:

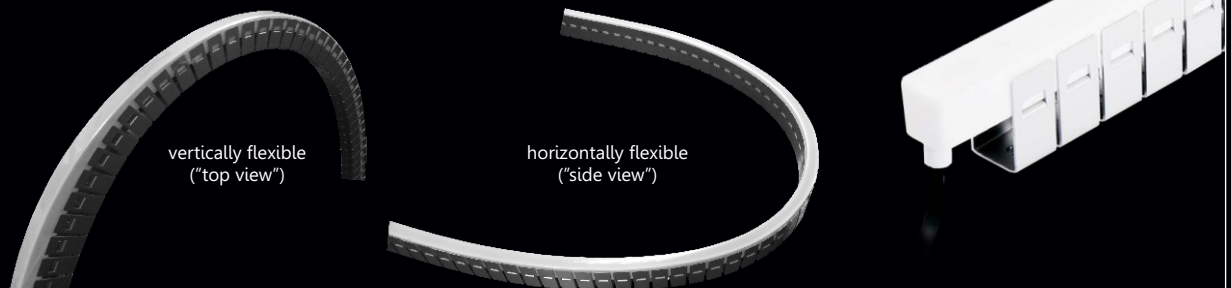
- 100W, non-dimmable, 24V DC (CV), IP67, Mean Well (HLG-100H-24)
- 150W, non-dimmable, 24V DC (CV), IP67, Mean Well (HLG-150H-24)
- 320W, non-dimmable, 24V DC (CV), IP67, Mean Well (HLG-320H-24)
- 100W, 1-10V dimmable, 24V DC (CC+CV), IP67, Mean Well (HLG-100H-24B)
- 150W, 1-10V dimmable, 24V DC (CC+CV), IP67, Mean Well (HLG-150H-24B)
- 320W, 1-10V dimmable, 24V DC (CC+CV), IP67, Mean Well (HLG-320H-24B)

RGB driver's options:

- DMX-SPI Signal Decoder LTECH (LT-DMX-1809)
- DMX Signal Amplifier LTECH (LT-123)
- DMX Controller LTECH (LT-600)

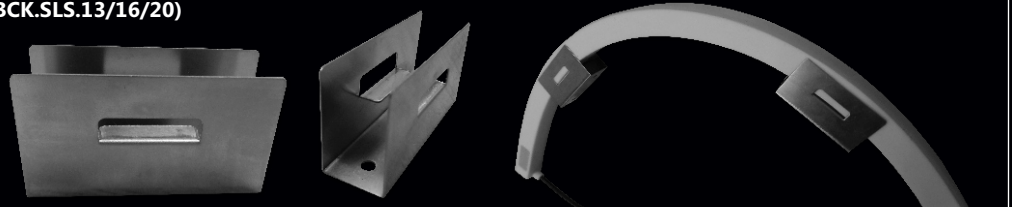


**flexible aluminum channel options
(AL.CH.FLX.13/16/20)**

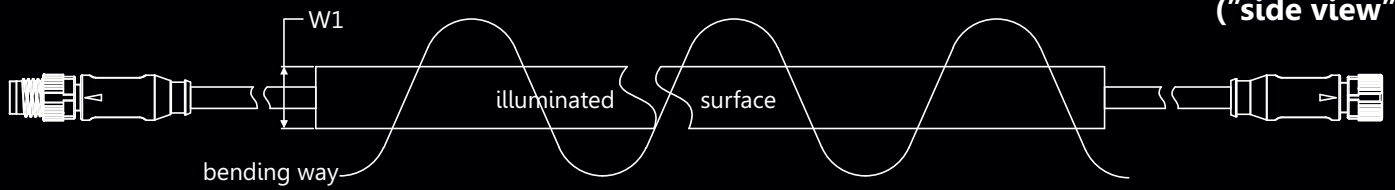


stainless steel 1.4401/SUS316 clip bracket (BCK.SLS.13/16/20)

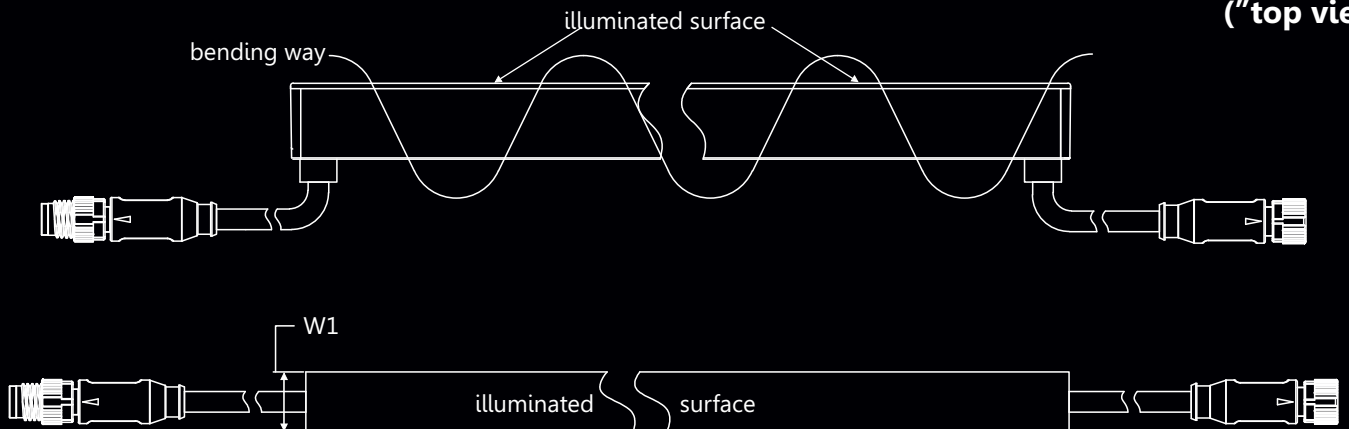
L: 50mm
3pcs/m as standard
(other qty on request)

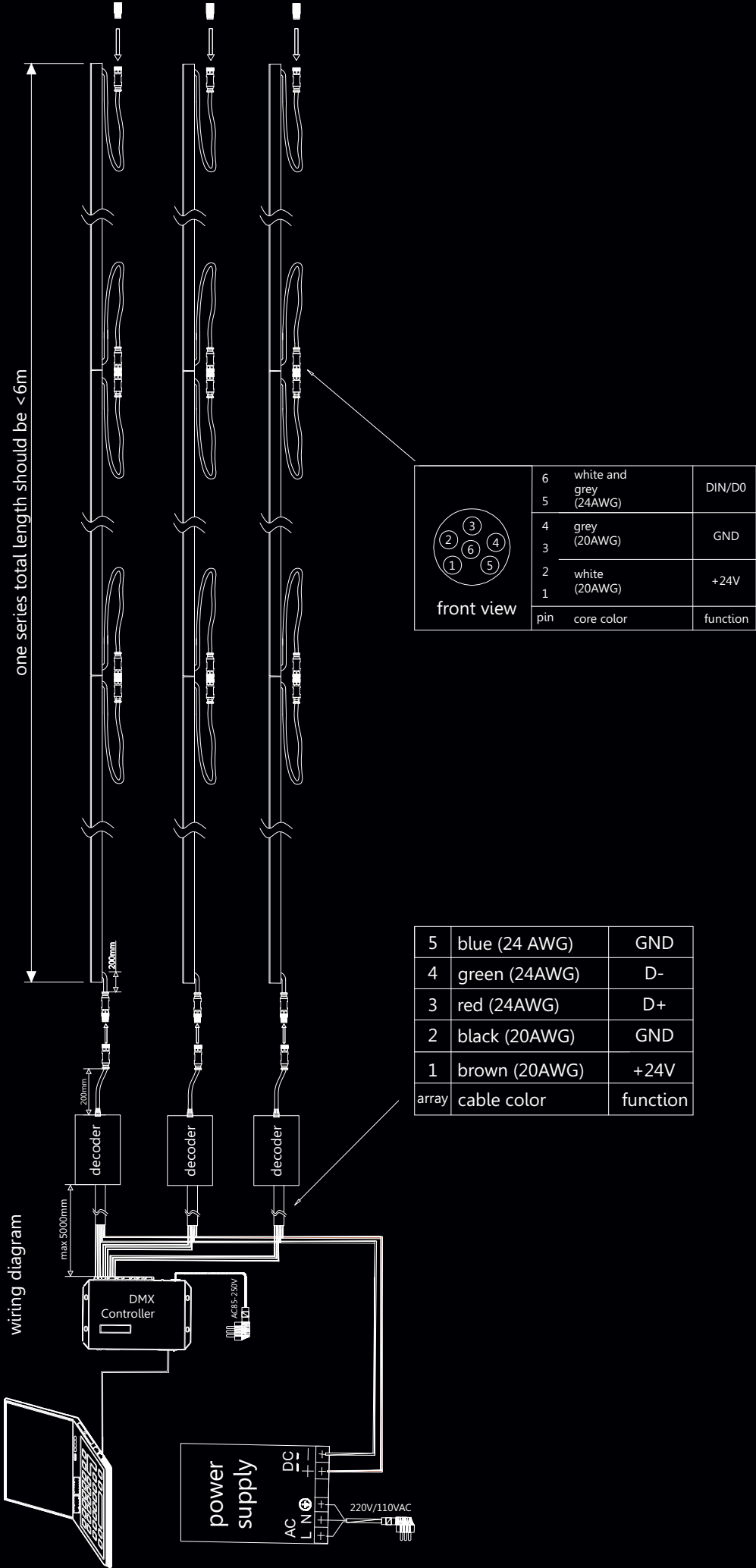


series S06.01/S06.02

horizontally flexible
("side view")

series S06.03/S06.04/S06.05/S06.06

vertically flexible
("top view")







ELTE