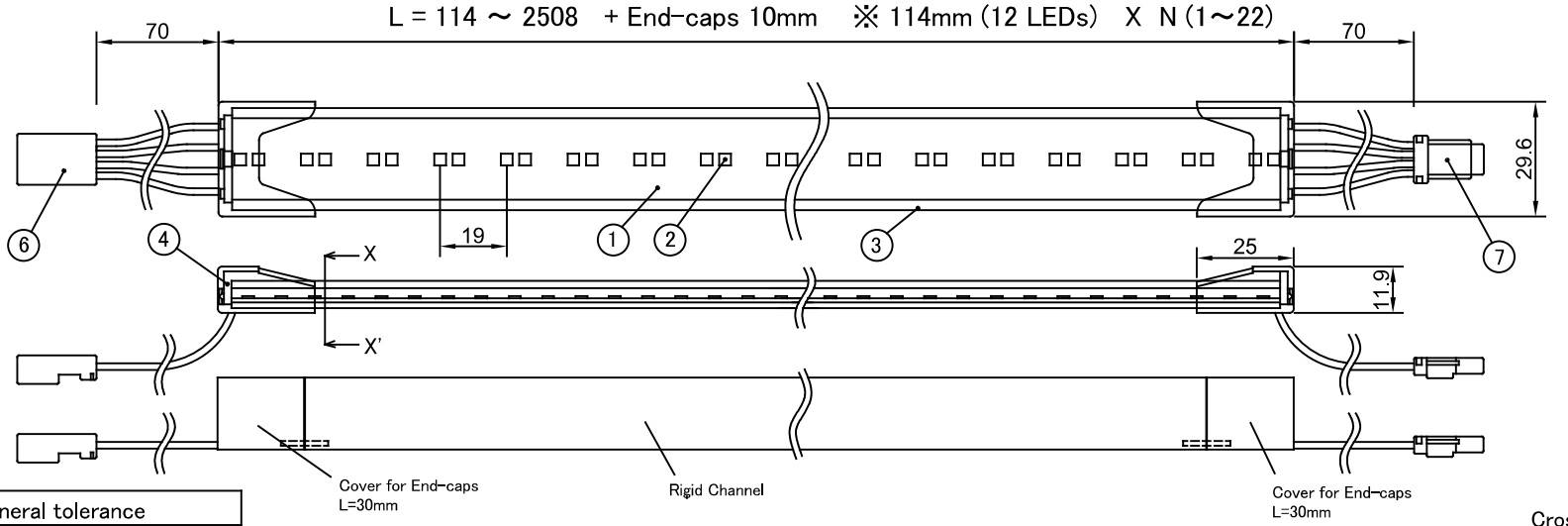
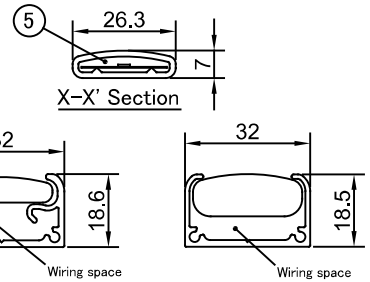
Product Name	Tape Light Addressable RGBW	Scale	1:2 (A4)

L = 114 ～ 2508 + End-caps 10mm ※ 114mm (12 LEDs) X N (1～22)





Cross-sectional sizes when installed with FAS00-01TA4/KATA4-HA

Cross-sectional sizes when installed with KATA4-EA

Alminum Rigid Channel	L=1000mm
Aluminum Cover for End Caps	L=30mm
Aluminum Mounting Bracket	L=26mm

(Unit: mm)

General tolerance

Cross-sectional direction

6 or below: ±1.0
6 to 15 or below: ±1.2
15 to 30 or below: ±1.6
30 to 50 or below: ±2.0

Tolerance values are based on 25 ℃.

Length(m)	～1	～2
Tolerance(mm)	+10 ～ −10	+10 ～ −12

※When connecting products and power supplies in parallel in multiple systems, make sure that the types and lengths of the wires in each system are the same to prevent differences inbrightness and color between the products.

Product Specifications

Type	RGBW type
Product No.	TL20-ADR-□□K (28K/50K)
Length	114mm ～ 2508mm + End-caps 10mm
Weight	200 g/m
Input Voltage	DC24V
Power Consumption	12W/m
Color	Red, Green, Blue, White (5000K / 2800K)
Luminous Flux	Red：100 lm/m, Green：200 lm/m, Blue：40 lm/m, White (5000K：365 lm/m, 2800K：310 lm/m)
Beam Angle	110°
Bending Radius	R60 mm Vertical
Dimming Signal Standard	DMX512 Standard
Compatible DMX Controller	DMX Controller Conforming to DMX512 Standard ＊Please contact our sales for recommended models.
DMX Address	From the top, 1ch: R / 2ch: G / 3ch: B / 4ch: W ... will be addressed automatically. When concatenated, DMX addresses will be consecutive from the unit in front.
DMX Control Length	114mm Unit
Number of DMX Channels	36 channels / m
Maximum DMX Controll Length	14,592mm
Max Unit Connectable	5016mm (114mm x 44) + End-caps ＊If you connect more products, the brightness and color will vary greatly.
Ambient temperature and humidity / Environment	−10℃ − 55℃ , 45 − 85% RH / Indoor / Outdoor (IP67 rated)

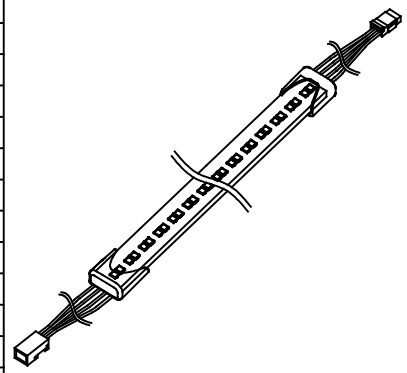
Parts List

	Parts Name	Material	Note
7	DMX Signal Output Cable	Silicone rubber coating	Waterproof Connector (FWS series, 4pin) White AWG22, Red(24V), White(DO+), Green(DO−), Black(GND)
6	DMX Signal Input Cable	Silicone rubber coating	Waterproof Connector (FWS series, 4pin) Black AWG22, Red(24V), White(DO+), Green(DO−), Black(GND)
5	Filler	Silicone rubber	Clear
4	End Cap	Silicone rubber	Clear
3	Case	Silicone rubber	Clear
2	Color LED	SMD LED	
1	FPC	Polyimide	Flexible Printed Circuits

Accessories (Option)

1	Aluminum Rigid Channel	FAS00-01TA4	Length=1000mm
2	Aluminum Cover for End Caps	KATA4-EA	2pcs per pack use only FAS00-01TA4
3	Aluminum Mounting Bracket (for curvy line)	KATA4-HA	5pcs per pack Please use 5pcs per mater.
4	Power and DMX Relay Cable	WCADR-4CR	Length=1000mm waterproof type
5	Waterproof Termination Connector	WCADR-4TC	
6	DC/DMX Input Cable DMX Output Cable	WCADR-DCDMXIN WCADR-DMXOUT	Input and Output cable for using No. 7 to 10.
7	DMX Input Cable for XLR3	WCADR-XLR3S	Length=1000mm waterproof type except XRL3
8	DMX Input Cable for XLR5	WCADR-XLR5S	Length=1000mm waterproof type except XRL5
9	DMX Input Cable for RJ45	WCADR-RJ45S	Length=1000mm waterproof type except RJ45
10	DMX Relay Cable	WCADR-DMXRC3S	Length=1000mm waterproof type

3D image



Drawn	Reviser	Approved
Shiokawa	Kawasaki	Tanimizu
2025.2.5	2025.10.27	2025.10.27

Please note that content descrided above may be changed without any advance notice

Atex Co.,Ltd

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