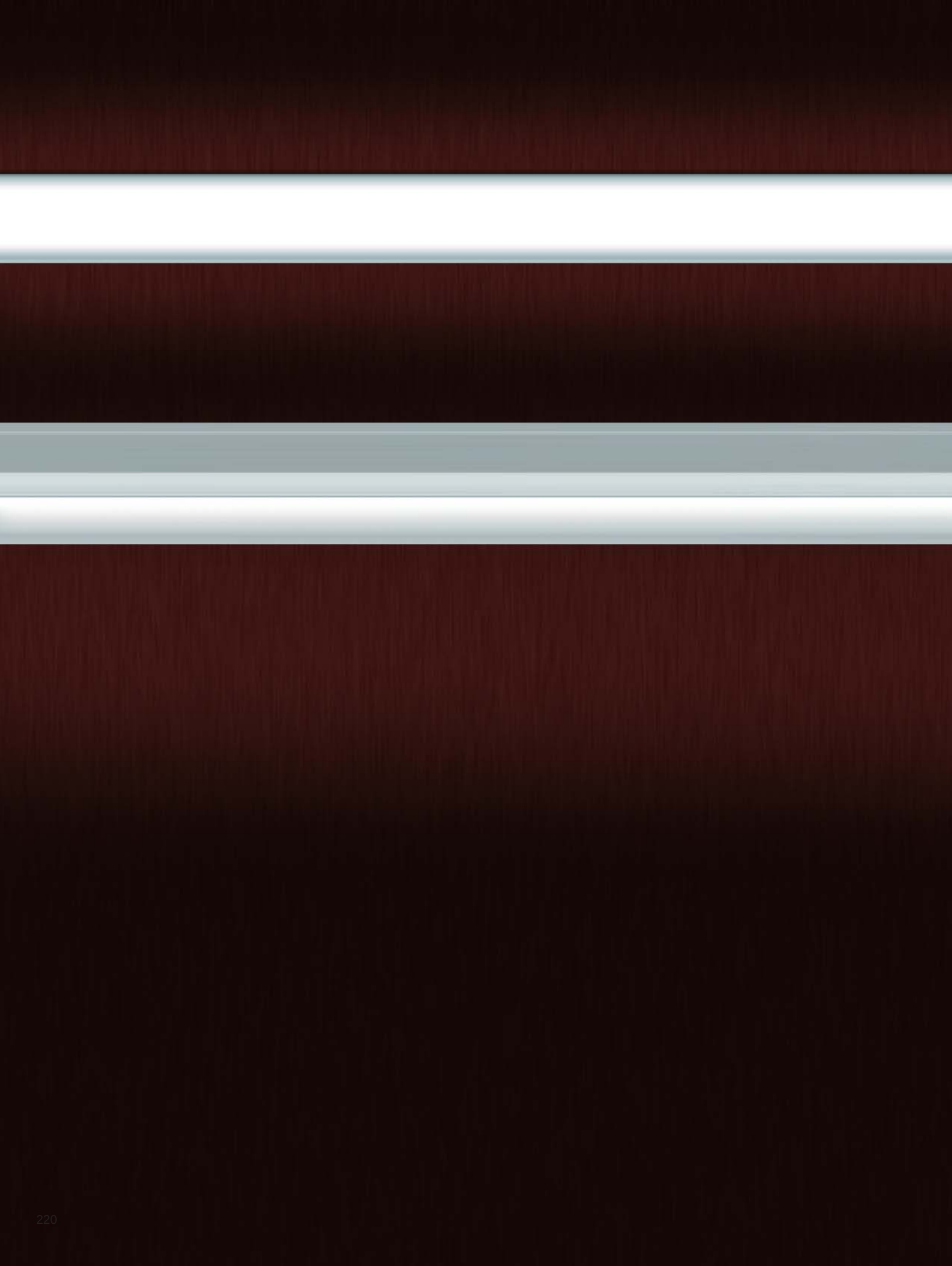
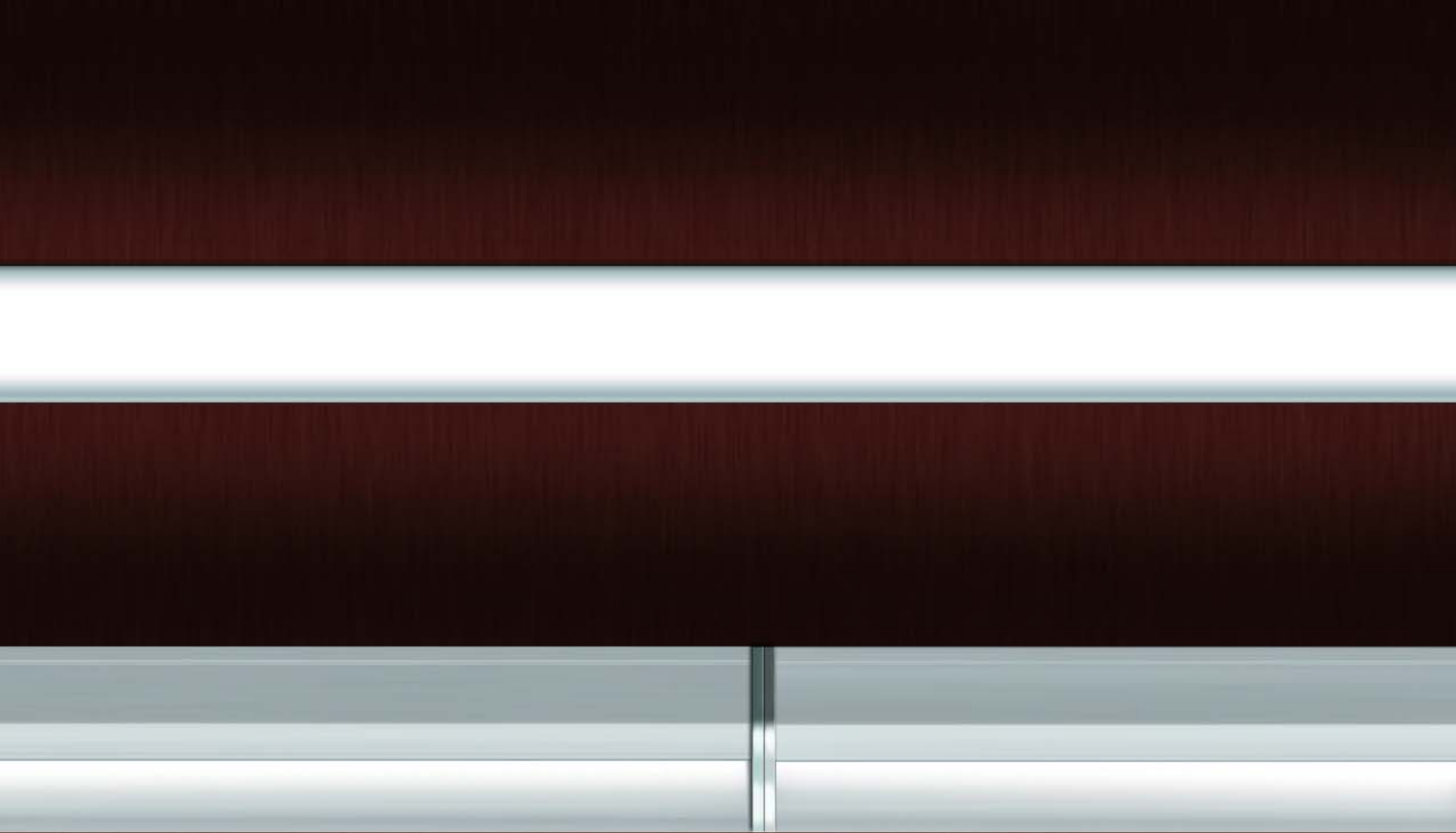






STICK-LINE

The perfect solution for new installations that require low upfront costs.

It provides a price-effective way to upgrade existing fluorescent fixtures to the latest trend of LED lighting. With the same output as T5 fluorescent tube, LED uses less power and has almost twice the lifespan.

Installation : ceiling and wall mounted.

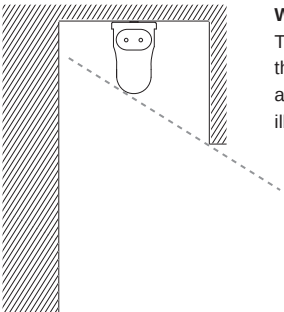
Insulation : Class II, 100-240V AC.

Protection : IP20

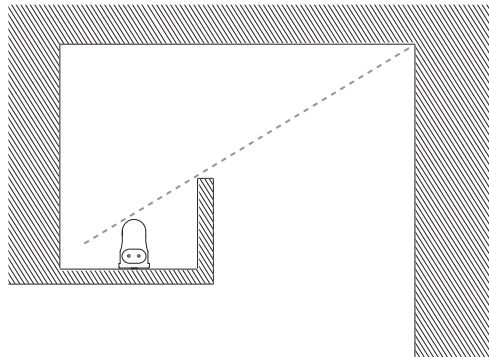
Approval : CE



Application for cove lighting :



Wall washer down:
The higher the plate cover the luminaire, the lower glare, and can provide more comfy illumination.

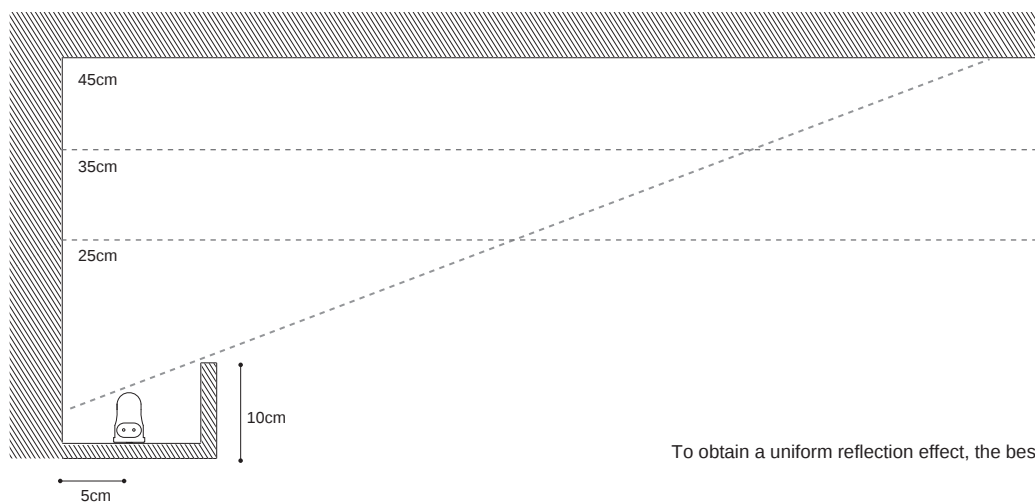


Wall washer up:
If calculated a good lighting source truncated, you can make the corner full of light.

Twice reflected light will make uniform illumination on the wall.

Because the light source can't be seen, so it will not directly stimulate the eyes.

But the washer distance will be shorter than washer down.



Washer on the ceiling:

The farther from the ceiling, the farther range and distance can be washed.

If the ceiling needs to be wash by the left and right sides of the wall at the same time, make the blackout line extends to the middle of the ceiling, so that the whole ceiling is full of light with better performance.

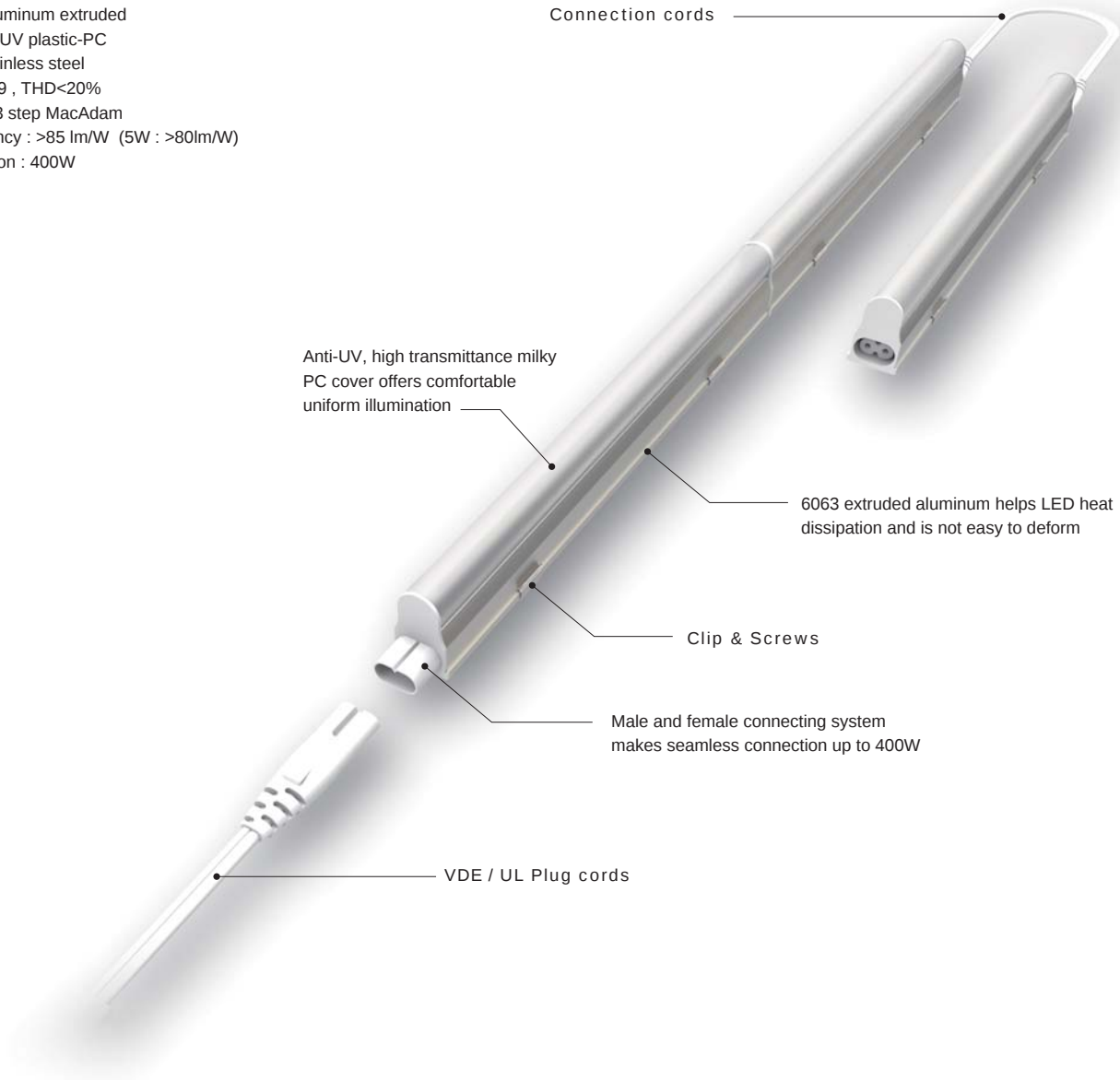
To obtain a uniform reflection effect, the best use roughness material on lighting surface.



STICK-LINE

Product specification

Luminaire : aluminum extruded
Diffuser : Anti-UV plastic-PC
Clips : 301 stainless steel
Driver : PF>0.9 , THD<20%
CCT range : 3 step MacAdam
Energy efficiency : >85 lm/W (5W : >80lm/W)
Max. connection : 400W



Colours  Anodized Alum.



VDE Plug cords
EP-14-180 Length:180cm



VDE Connection cords
CSE-29-25 Length:25cm
CSE-29-50 Length:50cm



Clip & Screws
NS-0603



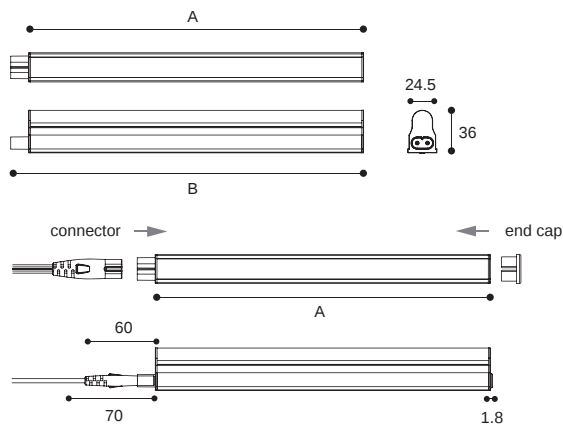
UL Plug cords
AP-14-180 Length:180cm



UL Connection cords
CSA-29-25 Length:25cm
CSA-29-50 Length:50cm



STICK-LINE



Wattage	A(mm)	B(mm)
5W	280	295
9W	536	551
10W / 13W	836	851
14W / 18W	1136	1151
16W / 22W	1436	1451



MM mark:
DIN 57710-14:1982
(Test by Intertek)



ROHS
for Directive 2011 / 65 / EU
(Test by Electronics Testing
Center, Taiwan)



LVD :
EN 60598-2-1:1989
EN 60598-1:2015
EN 62031:2008+A1:2012+A2:2015
EN 61347-2-13:2006
EN 61347-1:2008+A1:2011+A2:2013
(Test by Electronics Testing
Center, Taiwan)



EMC :
EN 55015:2013/A1:2015
EN 61000-3-2:2014
EN 61000-3-3:2013
EN 62493:2009
EN 62493:2010
(Test by Electronics Testing
Center, Taiwan)



Blue light hazard to light
sources and luminaires:
RG0 Group
IEC/TR 62778:2014
EN 62471:2008
(Test by Electronics Testing
Center, Taiwan)

Colours  Anodized Alum.

Article number	LED Consumption	Voltage	Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1610.003A.3BTB	5W	100-240V AC	355 (lm)	120°	SMD	24	30/80+
1610.003A.3DTB	5W	100-240V AC	365 (lm)	120°	SMD	24	40/80+
1610.003B.3BTB	9W	100-240V AC	760 (lm)	120°	SMD	48	30/80+
1610.003B.3DTB	9W	100-240V AC	800 (lm)	120°	SMD	48	40/80+
1610.003C.3BTB	10W	100-240V AC	870 (lm)	120°	SMD	60	30/80+
1610.003C.3DTB	10W	100-240V AC	900 (lm)	120°	SMD	60	40/80+
1610.003D.3BTB	13W	100-240V AC	1170 (lm)	120°	SMD	72	30/80+
1610.003D.3DTB	13W	100-240V AC	1200 (lm)	120°	SMD	72	40/80+
1610.003E.3BTB	14W	100-240V AC	1240 (lm)	120°	SMD	84	30/80+
1610.003E.3DTB	14W	100-240V AC	1300 (lm)	120°	SMD	84	40/80+
1610.003F.3BTB	18W	100-240V AC	1620 (lm)	120°	SMD	96	30/80+
1610.003F.3DTB	18W	100-240V AC	1680 (lm)	120°	SMD	96	40/80+
1610.003G.3BTB	16W	100-240V AC	1480 (lm)	120°	SMD	96	30/80+
1610.003G.3DTB	16W	100-240V AC	1580 (lm)	120°	SMD	96	40/80+
1610.003H.3BTB	22W	100-240V AC	1924 (lm)	120°	SMD	120	30/80+
1610.003H.3DTB	22W	100-240V AC	2024 (lm)	120°	SMD	120	40/80+



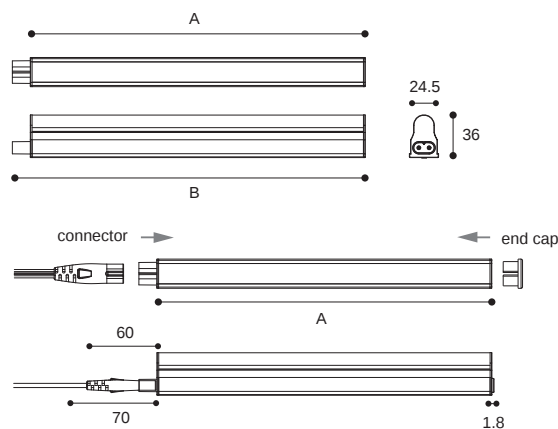


Flicker free



Flicker

STICK-LINE-FF



Wattage	A(mm)	B(mm)
9W	536	551
10W / 13W	836	851
14W / 18W	1136	1151
16W / 22W	1436	1451

Flicker free

Product features

Flickering is an inevitable phenomenon in LED.

Through the development of technology, now we can take advantage of high brightness and high refresh rate to avoid the human eye perceives lamps are flickering.

But more or less it will still affect the visual, because the optic nerve will continue to operate to adapt to the flash frequency changes from black to white and often leads to eye fatigue and other symptoms of CVS.

STICK-LINE uses RISE's professional circuit design to level the power ripple output to LED to achieve no flickering.

Application:

Suitable for home, office, studio, shops, libraries, museums, production lines, etc

where need to photography or using long-term vision place.

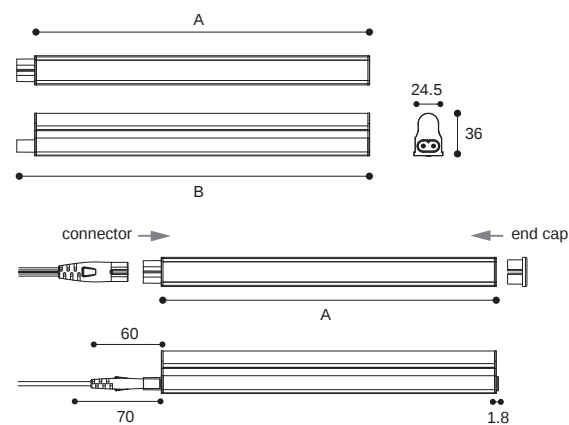
Colours  Anodized Alum.

Article number	LED Consumption	Voltage	Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1610.003B.3BTB-FF	9W	100-240V AC	760 (lm)	120°	SMD	48	30/80+
1610.003B.3DTB-FF	9W	100-240V AC	800 (lm)	120°	SMD	48	40/80+
1610.003C.3BTB-FF	10W	100-240V AC	870 (lm)	120°	SMD	60	30/80+
1610.003C.3DTB-FF	10W	100-240V AC	900 (lm)	120°	SMD	60	40/80+
1610.003D.3BTB-FF	13W	100-240V AC	1170 (lm)	120°	SMD	72	30/80+
1610.003D.3DTB-FF	13W	100-240V AC	1200 (lm)	120°	SMD	72	40/80+
1610.003E.3BTB-FF	14W	100-240V AC	1240 (lm)	120°	SMD	84	30/80+
1610.003E.3DTB-FF	14W	100-240V AC	1300 (lm)	120°	SMD	84	40/80+
1610.003F.3BTB-FF	18W	100-240V AC	1620 (lm)	120°	SMD	96	30/80+
1610.003F.3DTB-FF	18W	100-240V AC	1680 (lm)	120°	SMD	96	40/80+
1610.003G.3BTB-FF	16W	100-240V AC	1480 (lm)	120°	SMD	96	30/80+
1610.003G.3DTB-FF	16W	100-240V AC	1580 (lm)	120°	SMD	96	40/80+
1610.003H.3BTB-FF	22W	100-240V AC	1924 (lm)	120°	SMD	120	30/80+
1610.003H.3DTB-FF	22W	100-240V AC	2024 (lm)	120°	SMD	120	40/80+





STICK-LINE-DIM



Wattage	A(mm)	B(mm)
5W	280	295
9W	536	551
10W / 13W	836	851
14W / 18W	1136	1151
16W / 22W	1436	1451

Dimmable



Product features

Smooth and soft dimming process: Using RISE dimming circuit design switch to low without flicker and noise.

Dimming through LUTRON, LEVITON Dimmer, etc. and according to your own preferences to adjust the intensity of light, dimming to dark in daytime or sleeping time at midnight.

Dimming range from 1 to 100% to be bright at work or reading time.

Suitable for home, shops, indirect lighting and so on.

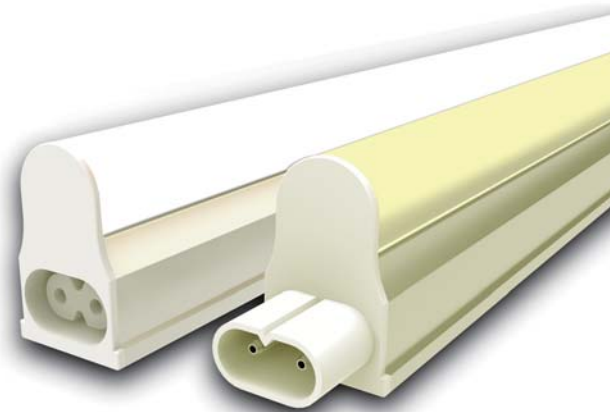
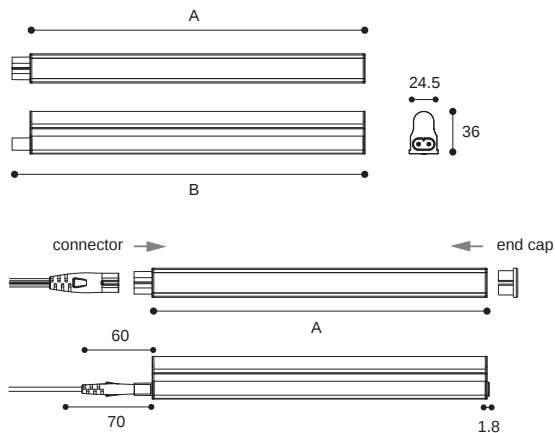
Colours  Anodized Alum.

Article number	LED Consumption	Voltage	Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1610.003A-DIM	5W	230V AC	355 (lm)	120°	SMD	24	30/80+
	5W	230V AC	365 (lm)	120°	SMD	24	40/80+
1610.003B-DIM	9W	230V AC	760 (lm)	120°	SMD	48	30/80+
	9W	230V AC	800 (lm)	120°	SMD	48	40/80+
1610.003C-DIM	10W	230V AC	870 (lm)	120°	SMD	60	30/80+
	10W	230V AC	900 (lm)	120°	SMD	60	40/80+
1610.003D-DIM	13W	230V AC	1170 (lm)	120°	SMD	72	30/80+
	13W	230V AC	1200 (lm)	120°	SMD	72	40/80+
1610.003E-DIM	14W	230V AC	1240 (lm)	120°	SMD	84	30/80+
	14W	230V AC	1300 (lm)	120°	SMD	84	40/80+
1610.003F-DIM	18W	230V AC	1620 (lm)	120°	SMD	96	30/80+
	18W	230V AC	1680 (lm)	120°	SMD	96	40/80+
1610.003G-DIM	16W	230V AC	1480 (lm)	120°	SMD	96	30/80+
	16W	230V AC	1580 (lm)	120°	SMD	96	40/80+
1610.003H-DIM	22W	230V AC	1924 (lm)	120°	SMD	120	30/80+
	22W	230V AC	2024 (lm)	120°	SMD	120	40/80+





STICK-LINE-WCW



Wattage	A(mm)	B(mm)
9W	536	551
10W / 13W	836	851
14W / 18W	1136	1151
16W / 22W	1436	1451

Tunable White

CCT	2700K	off/on	4000K	off/on	5000K
brightness	1%				100%

Product features

Using Rise dimming technology, allowing the fixture change color temperature and brightness via TRIAC dimmers (e.g. Lutron, Leviton, etc.).

User can change color temp (2700K / 4000K / 5000K) and brightness level to suit their need.

5000K is suitable during day time or summer.

2700K is suitable during night time or winter.

4000K sits between the two.

Brightness change provides smooth and soft dimming, best cove lighting solution for residential and shop application.

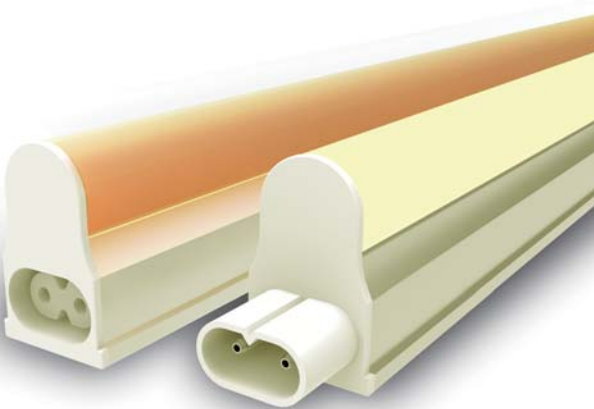
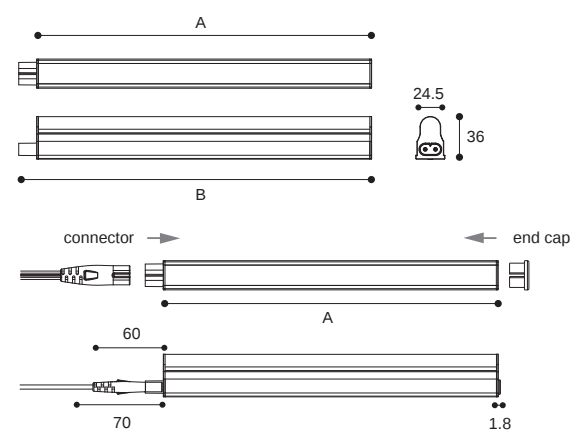
Colours Anodized Alum.

Article number	LED Consumption	Voltage	Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1610.003B-WCW	9W	230V AC	760 (lm)	120°	SMD	96	27,40,50/80+
1610.003C-WCW	10W	230V AC	870 (lm)	120°	SMD	120	27,40,50/80+
1610.003D-WCW	13W	230V AC	1170 (lm)	120°	SMD	144	27,40,50/80+
1610.003E-WCW	14W	230V AC	1240 (lm)	120°	SMD	168	27,40,50/80+
1610.003F-WCW	18W	230V AC	1620 (lm)	120°	SMD	192	27,40,50/80+
1610.003G-WCW	16W	230V AC	1480 (lm)	120°	SMD	192	27,40,50/80+
1610.003H-WCW	22W	230V AC	1924 (lm)	120°	SMD	240	27,40,50/80+





STICK-LINE-DW



Wattage	A(mm)	B(mm)
5W	280	295
9W	536	551
10W / 13W	836	851
14W / 18W	1136	1151
16W / 22W	1436	1451

Dim to Warm

CCT and brightness	
2000K / 1%	3000K / 100%

Product features

Using Rise dimming technology, allowing the fixture dim to warm via TRIAC dimmers (e.g. Lutron, Leviton, etc.). In replacing traditional light bulbs / tubes.
Low brightness level – close to 2000K
High brightness level – close to 3000K
Smooth and soft dimming provides warm welcome environment, best cove lighting solution for residential , restaurant and hotel application.

Colours  Anodized Alum.

Article number	LED Consumption	Voltage	Lumen	Beam Angle	LED Type	LED q'ty	CCT/CRI
1610.003A-DW	5W	230V AC	355 (lm)	120°	SMD	34	20-30/80+
1610.003B-DW	9W	230V AC	760 (lm)	120°	SMD	68	20-30/80+
1610.003C-DW	10W	230V AC	870 (lm)	120°	SMD	102	20-30/80+
1610.003D-DW	13W	230V AC	1170 (lm)	120°	SMD	102	20-30/80+
1610.003E-DW	14W	230V AC	1240 (lm)	120°	SMD	136	20-30/80+
1610.003F-DW	18W	230V AC	1620 (lm)	120°	SMD	136	20-30/80+
1610.003G-DW	16W	230V AC	1480 (lm)	120°	SMD	136	20-30/80+
1610.003H-DW	22W	230V AC	1924 (lm)	120°	SMD	170	20-30/80+

