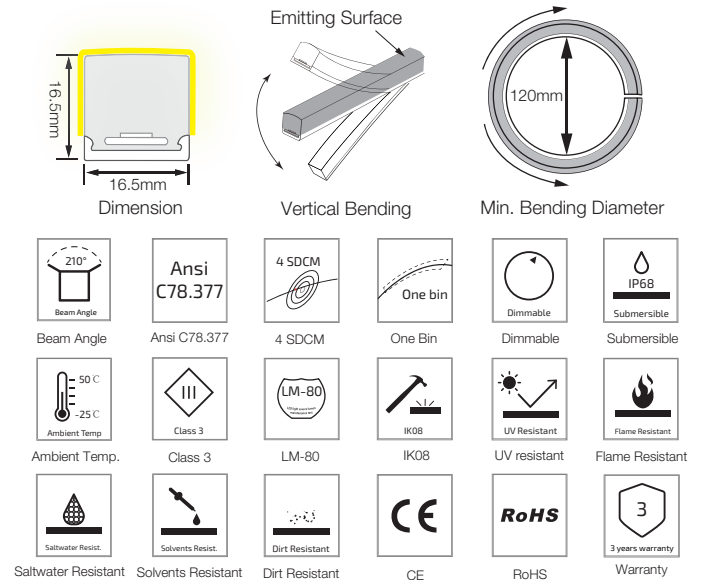
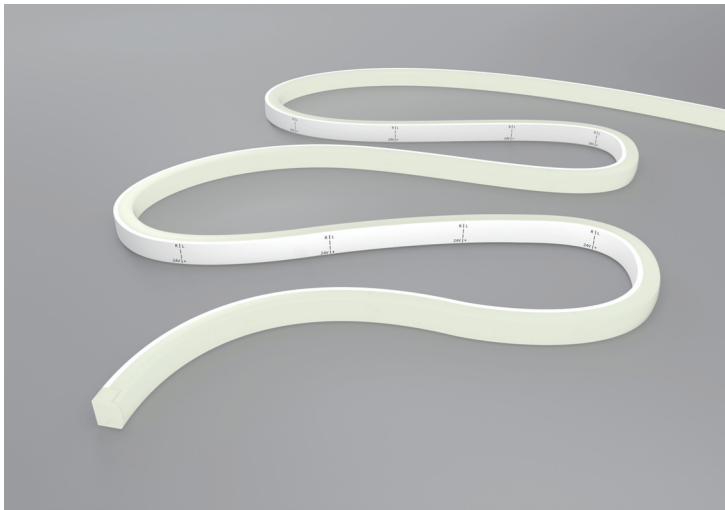


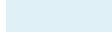
PHOTONS-F18-MONOLED-24V-68-XXX-10W

Specification

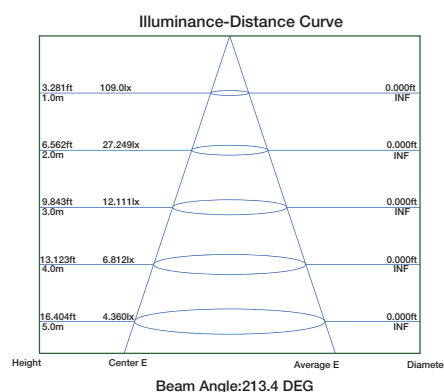
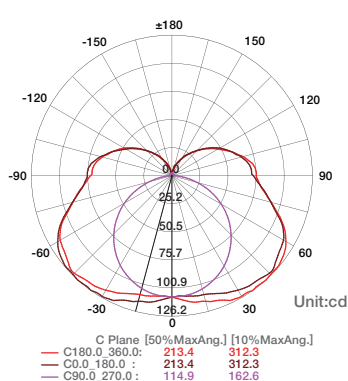


Technical Parameters

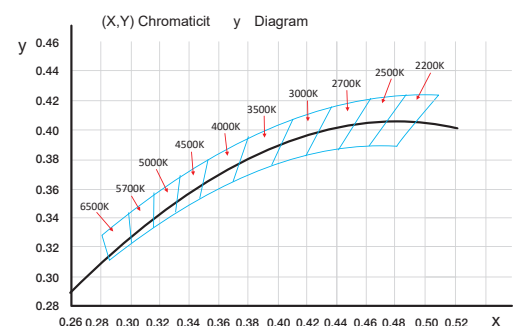
Electrical	
Input Voltage	24V DC
Power Consumption	10W/m
Physical	
LED Count	144 LEDs/m
Cutting Unit	12 LEDs
Cutting Unit Length	83.3 mm
Minimum Bend Diameter	120mm
Output	
LED Light	Epistar SMD LED 3528
CRI	>80, >90
Max Run Length*	
Single Feed	10M
Double Feed	20 M
Beam Angle	210°
Lumen Maintenance	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C
Temperature Ranges	
Installation	0°C to 50°C
Operating	-25°C to 50°C
Dependability	
Warranty	5 Years Warranty
IP Rating	IP68 Wet location submersible <2m

Optional Color	Lumen Output
	2200K(2238±102K) 399lm/m
	2700K(2725±145K) 481lm/m
	3000K(3045±175K) 400lm/m
	3500K(3465±245K) 457lm/m
	4000K(3985±275K) 670lm/m
	4500K(4503±24K) 619lm/m
	5000K(5029±283K) 410lm/m
	6500K(6532±510K) 493lm/m
	Green(520-530nm) 399lm/m
	Blue (455-465nm) 61lm/m
	Red (620-630nm) 133lm/m
	Pink(610-620nm) 216lm/m
	Amber (585-595nm) 137lm/m
	Orange(595-605nm) 358lm/m

Illuminance Distribution



White Color Charts



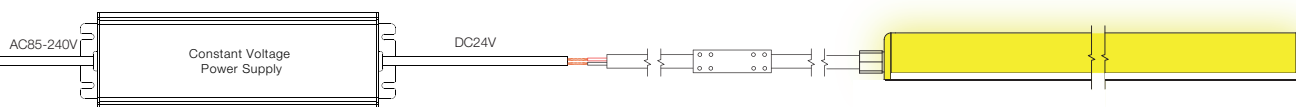
F18 Mono Color LED Linear Flex

Connection

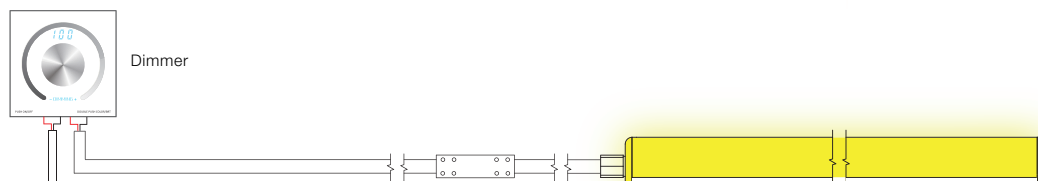
FG (Green)
AC/L (Brown)
AC/N (Blue)

⊕ L N

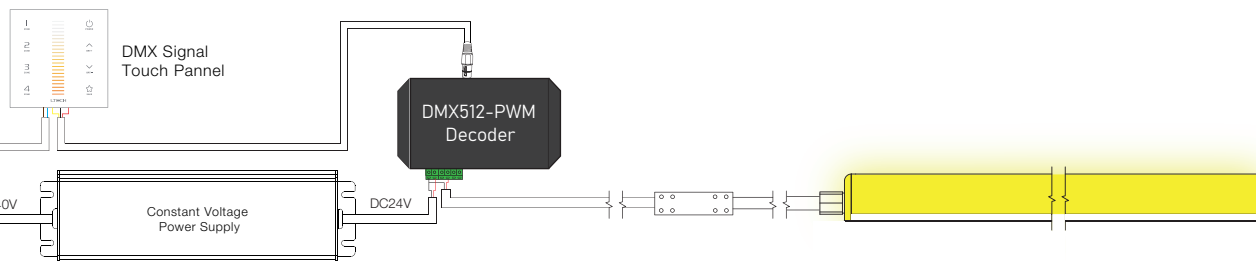
① Regular Connection



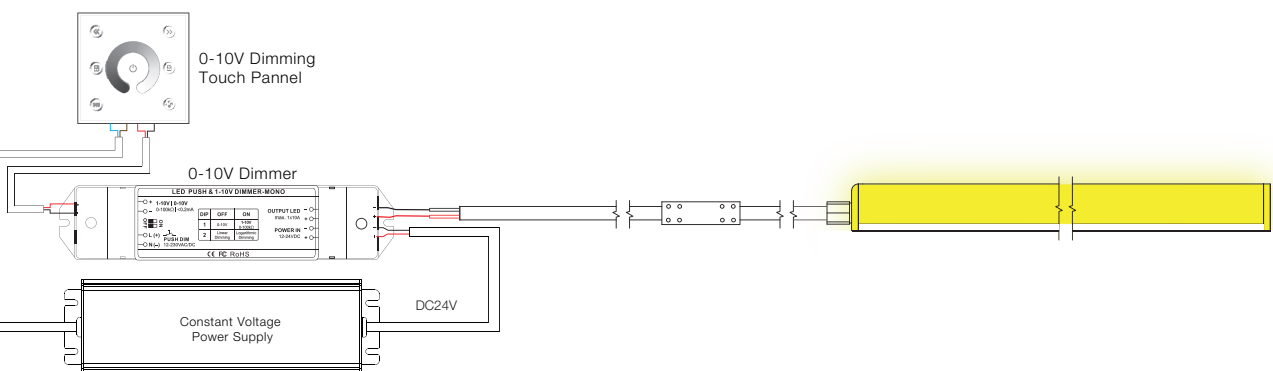
② PWM Dimming



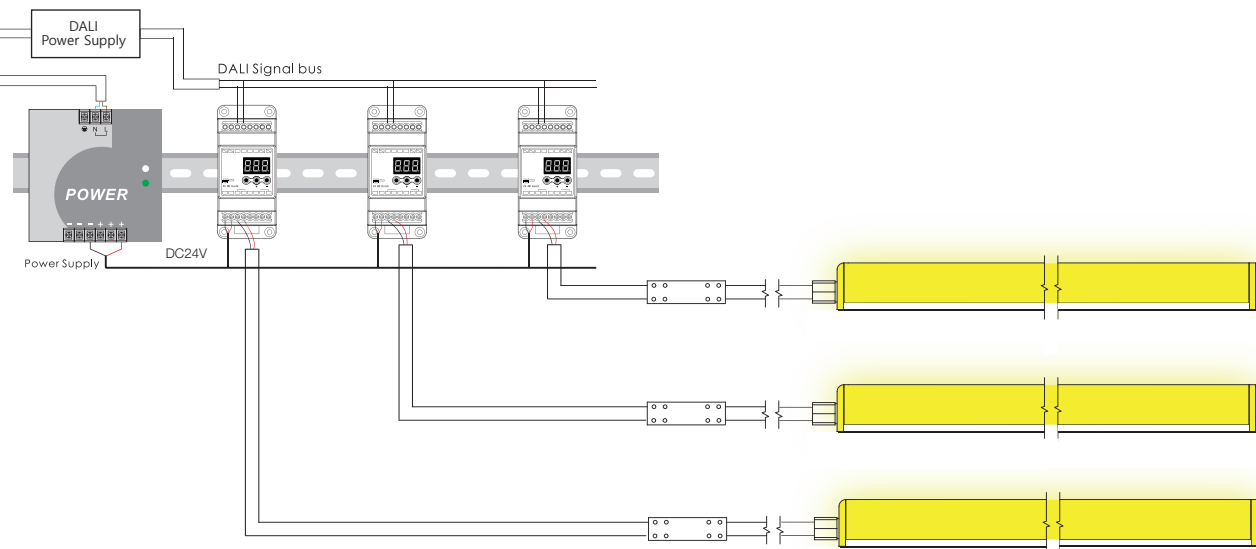
③ DMX Dimming



④ 0-10V Dimming



⑤ Dali Dimming



⊖ L N