TiGHT™

TAPE

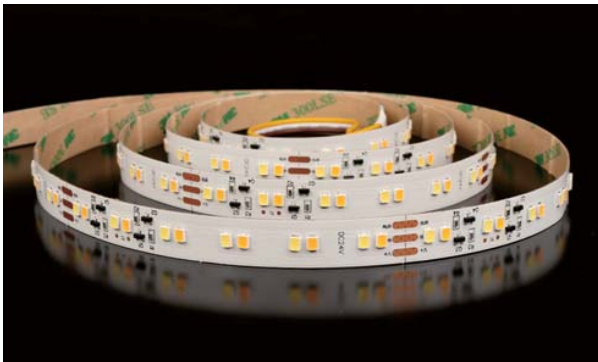## 170W SUPERLONG TW 15m 12mm

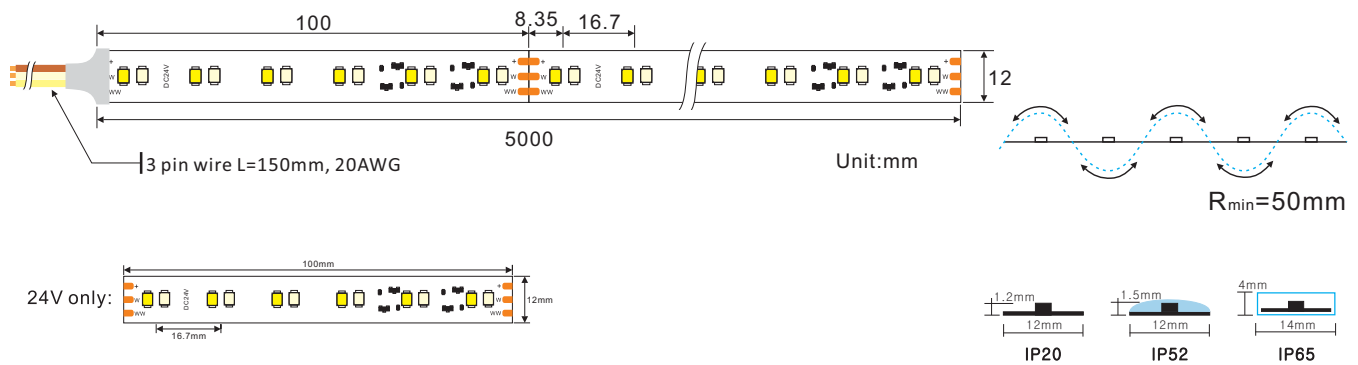Note: TiGHT may change product specifications and installation guidance without prior notice.

Description

24V, super long flexible LED strip (12LED/step =100mm) with 3M adhesive tape on the back for easy installed. 1128.481lm/m at 12W/m. 120° beam angle. Very good color reproduction with CRI>90. "One Bin Only" within 3 MacAdam guarantees constant color temperature and high light quality at a lifetime of 54,000 hours (L_{70}).Double-layer FPC(3Oz) for good heat dissipation.

Dimensions & Waterproof

100   8.35   16.7   12

5000

3 pin wire L=150mm, 20AWG

Unit:mm

R_{min}=50mm

24V only: 100mm   12mm
16.7mm

1.2mm 12mm IP20
1.5mm 12mm IP52
4mm 14mm IP65

Product Specification

Dimension	15000x12x1.2mm
Chip Type	2835SMD
Chip Density	120LEDs/m
Step LEDs	12LEDs
Step Length	100mm

Voltage(V)	DC24V
Current(A/m)	0.5A
Power(W/m)	12W(2 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

Product Photometrics (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
						Rf (Fidelity)	Rg (Gamut)
2700 only	526.02	6	87.67	91.33	78.82	92.91	101.87
6000 only	604.02	6	100.67	94.52	92.90	91.82	103.88
2700+6000 both	1128.48	12	94.04	95.71	91.95	91.86	102.96

15m 120LEDs TUNABLE WHITE SUPERLONG STRIP

Bining
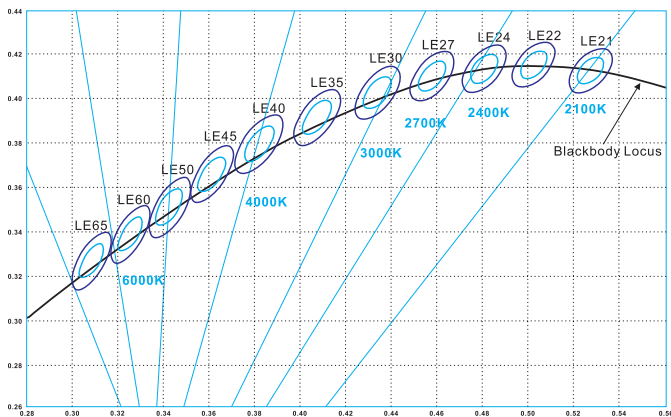
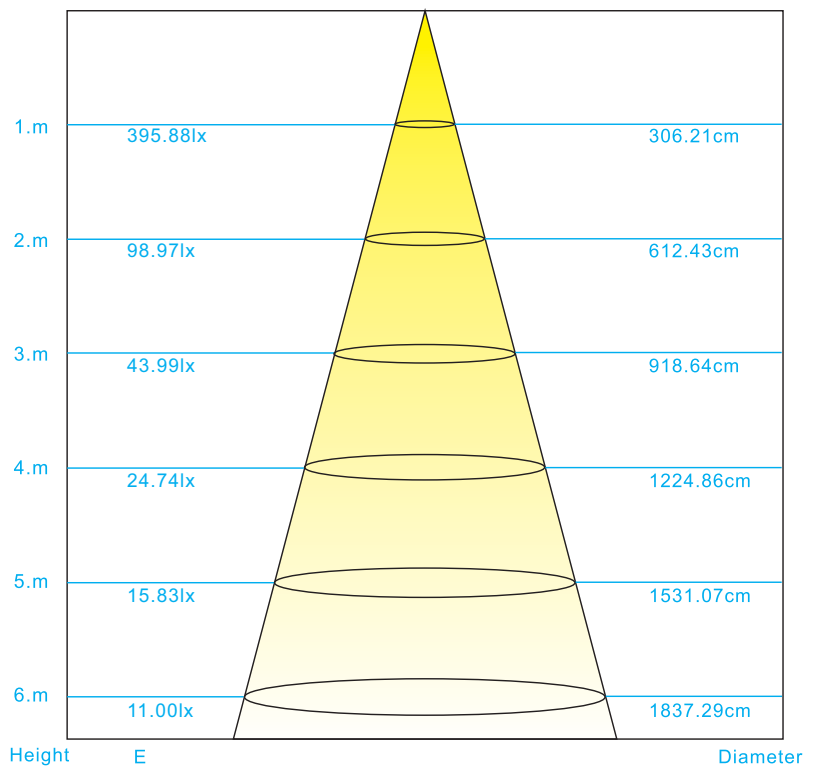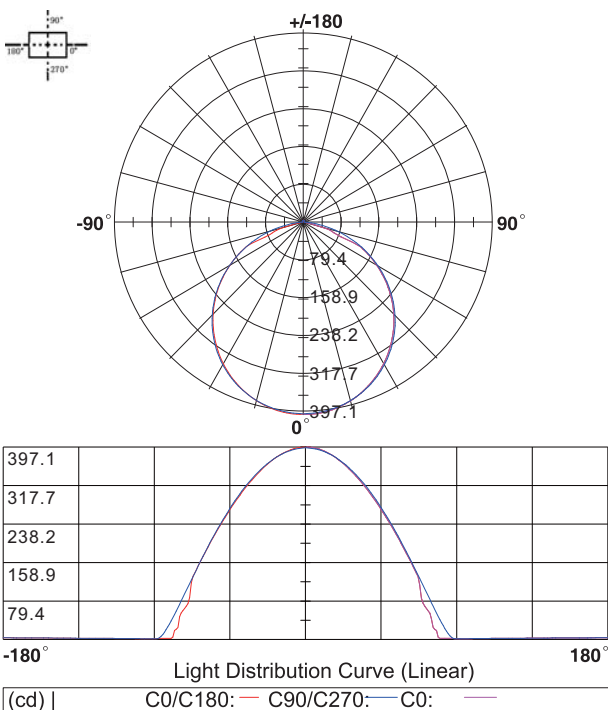Graphic Description:

LEDYI 3-step MacAdam
5-step MacAdam
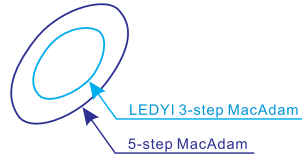
IP20: bare, max. light output and the best color consistency, indoor use.

IP52: Silicone coating, ~5% less output and 3rd best color consistency, indoor use, for damp environments.

IP65: Silicon tube / Heat shrink tube / Extrusion tube / U milky tube + clear cover, ~3% less output and 2nd best color consistency, Indoor use or semi-outdoor use, for raining environments.

Light Distribution Curve[Data base on 1m IP20 2700K+6000K CRI>90, Unit:cd]

Luminaire

+/-180

-90°   90°

79.4
158.9
238.2
317.7
397.1

0°

| 397.1 |
| 317.7 |
| 238.2 |
| 158.9 |
| 79.4 |

-180°   180°

Light Distribution Curve (Linear)

(cd) | C0/C180: — C90/C270: — C0: —

Height		Diameter
1.m	395.88lx	306.21cm
2.m	98.97lx	612.43cm
3.m	43.99lx	918.64cm
4.m	24.74lx	1224.86cm
5.m	15.83lx	1531.07cm
6.m	11.00lx	1837.29cm

E

Beam Angle:116.20°

Packing Information(Data base on IP20)

LED Strip   Anti-static bag

15meters/reel   1reel/bag   40bags/carton   26x28x68cm, 9.3kgs/carton