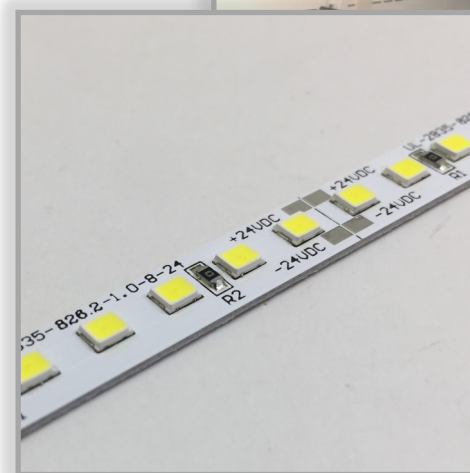
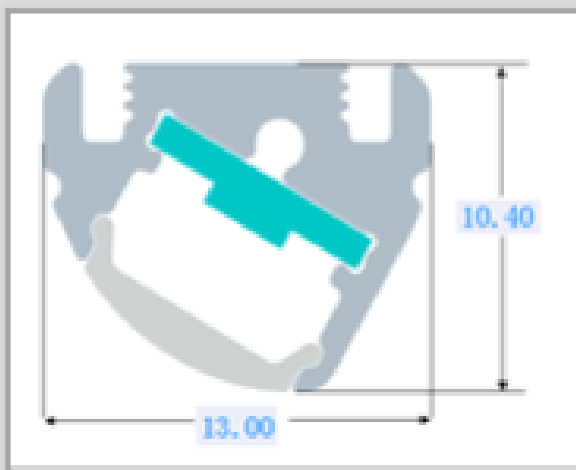


- 2835 LED PCB 24v CV
- 168 LED/ 12w /m
- CRI80, CRI90, IP20
- STANDARD LENGTH 1166x8mm
- CUT POINT 48.6mm
- FOR USE WITH PROFILE 1010, 1310

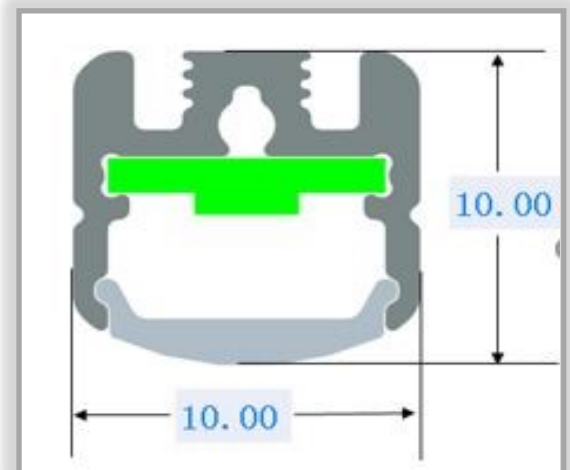


CODE	COL TEMP	LM/M	V	W/M	CRI
MLB168.27.90	2700k	1110	24	12	90
MLB168.30.90	3000k	1150	24	12	90
MLB168.35.90	3500k	1160	24	12	90
MLB168.40.90	4000k	1170	24	12	90
MLB168.60.90	6000k	1200	24	12	90

CODE	COL TEMP	LM/M	V	W/M	CRI
MLB168.27.80	2700k	1200lm	24	12	80
MLB168.30.80	3000k	1230lm	24	12	80
MLB168.35.80	3500k	1240lm	24	12	80
MLB168.40.80	4000k	1250lm	24	12	80
MLB168.60.80	6000k	1280lm	24	12	80



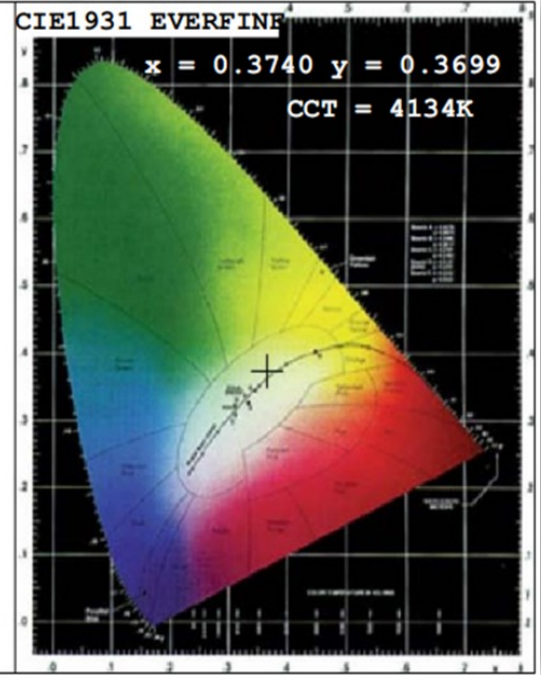
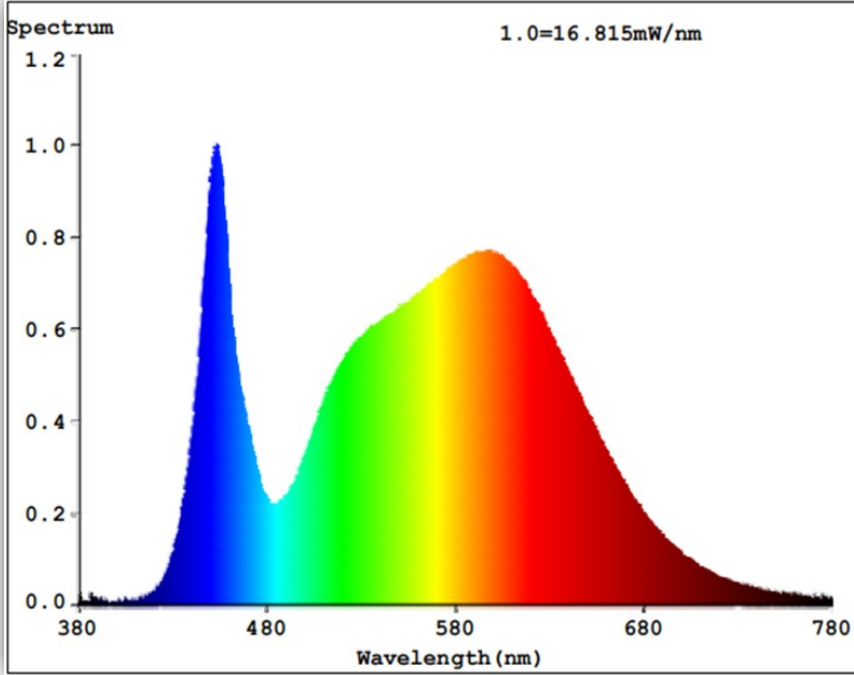
1310



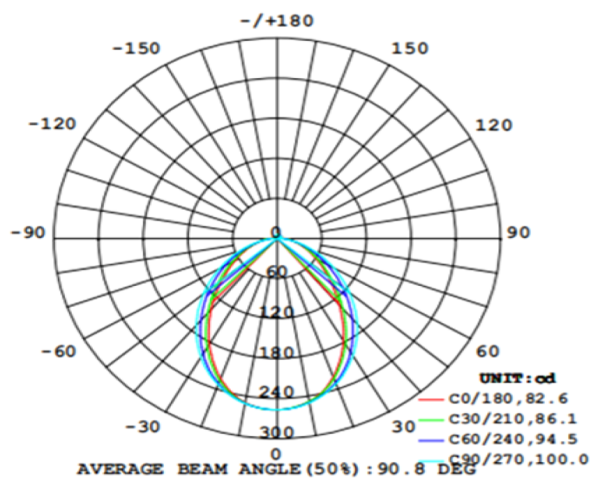
1010

Please refer to separate data sheets for profiles 1010 and 1310 using MLB168 PCB

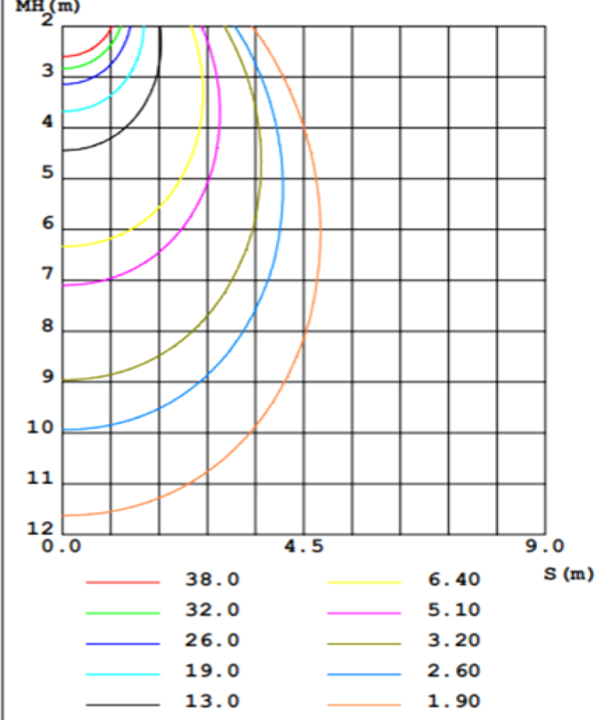




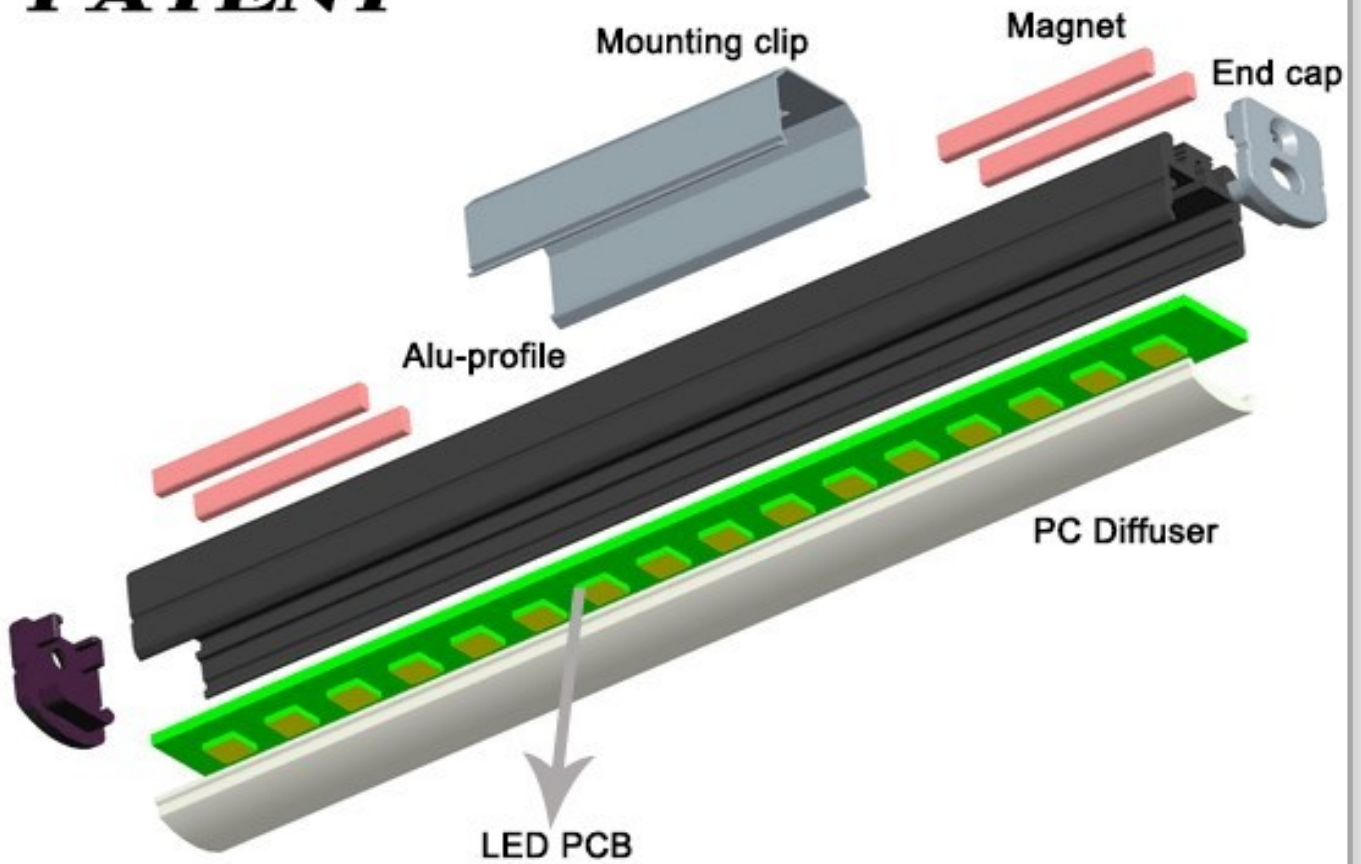
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

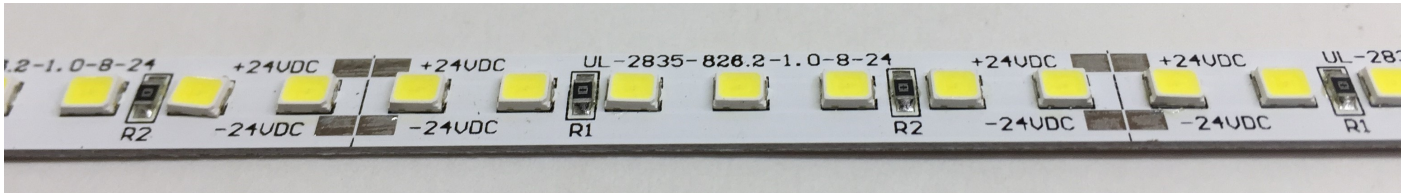


PATENT



APPLICATION EXAMPLES





Technical Features:

Resistors

Brand: FENCHUA

1 • 2pcs 0603 pack 820 (82Ω)

Working Current: 21 mA

LEDs

Brand: Epistar Chip 2835 LED

Standard Lumen: 60-65lm/LED

Maximum rating 150mA

Color Parameters:

Chromaticity Coordinate: $x=0.3740$ $y=0.3699/u'=0.2235$
 $v'=0.4976$

CCT=4134K(Duv=-0.0013) Dominant WL:Ld =579.3nm Purity=23.2%

Ratio: R=18.2%

G=78.2% Peak WL:Lp=453.1nm
 B=3.6%

FWHM=21.1nm

Render Index:Ra=83.7

R1 =83 R2 =90
 R8 =68 R9 =17

R3 =93 R4 =82 R5 =82 R7 =87
 R10=73 R11=81 R12=58 R13=85 R14=96 R15=78

Photo Parameters:

Flux = 759.9 lm Eff. : 88.4 lm/W Fe = 2.346 W

Electrical parameters:

V=24V I=0.36A P = 8.6W PF = 0 LEVEL:OUT WHITE:ANSI_4000K

LEVEL: OUT WHITE: ANSI_4000K

Status: Integral T = 855 ms Ip = 42070 (64%)

Model: Lightrail 1010-MLB168-085-840-24

Temperature: 28.4Deg Humidity: 70.0%

