Performance series
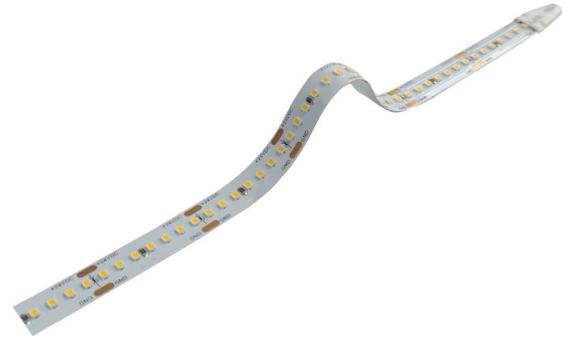# SMD

2216 | 14.4W/m | 10mm

p/n: VFL-PF2216-930K-210-10-24V14

VALS LIGHTING®

Features

- 210x SMD LED per meter
- Cost effective
- Up to 1,584Lm per meter
- High efficacy of 110Lm/W
- CRI>90
- Durable, flexible and low profile
- Double sided 3M tape mounting

CE · RoHS COMPLIANT · LM80

Electrical Data

Voltage	24V DC
Wattage per meter	**14.4W**
Current per meter	0.6A/24V

LED Data

LED type	**SMD 2216**
Manufacturer	Lumileds
Chips per meter	210

Photometric Data

Color temperature	2700K / 3000K 4000K / 6500K
Color redering index Ra	>90
Luminous flux per meter	1,667 lm >4,000K 1,584 lm <3,000K
Luminous efficacy	110 lm/W >3,000K
Beam angle	120°
Dimmable	0~100%

Construction / Protection

Substrate	Double layer FPCB
Thickness of FPCB	2 oz
Mounting	Double sided tape 3M
IP rating	See figure 3.
Operating temperature	-20 ~ +45 C°
Storage temperature	-20 ~ +70 C°

Dimensions

Cutting increments	33.3 mm See figure 1.
Length	5,000 mm
Width	10 mm
Height	1.6 mm

Lifetime

Lifespan (L70)	>54,000 hours

Testing environment temperature = 25 C°

Figure 1.

Dimensions & Cutting increments
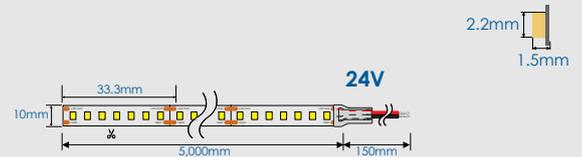
Figure 2.

Suitable Accessories

Connector-IP20

Code: MN-FC-2P-10
Feeding connector with
2-wire cable 150mm

Code: MN-JC-2P-10
Joint connector with
2-wire cable 150mm

Code: MN-MC-2P-10
Middle connector

Profile

Surface-Mount
Code: VL-SF1507

Recessed-Mount
Code: VL-RC2207

Corner-Mount
Code: VL-TR1616

Figure 3.

IP Protection Ratings

| IP20 (Dry) | IP54 (Damp) | IP65 (Damp) | IP67 (Wet) | IP68 (Outdoor) |

- LED
- FPCB
- Silicone Gel
- Double-sided tape 3M 300LSE (indoor)
- Double-sided tape 3M VHB (outdoor)