Tunable White
Flex Panel

2835 | 288 | 40W

P/N: VFL-TWBL2835-2765-288-24V40

Vals LIGHTING®

Features

- 288x chips per sheet
- MONO modular
- Built-in terminal ports easy to connect to power
- Flexible, ideal for back lighting of acrylic, marble and glass
- Tunable White
- Durable, flexible and low profile
- Double sided 3M tape or screw mounting
- 50,000 hours rated life, and 5-year limited warranty

UL CE RoHS COMPLIANT CUSTOM SHAPES LM 79/80 COMPLIANT

Tunable-White
2700K .6500K
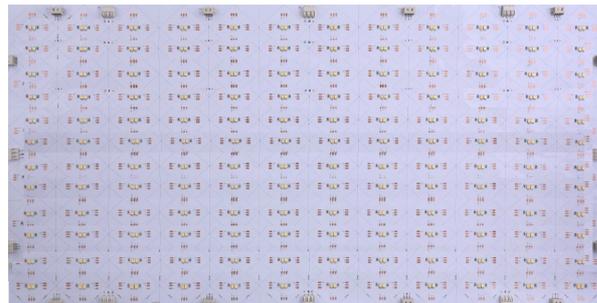
Electrical Data

Voltage	24.0V DC
Wattage per sheet	**40W**
Current per sheet	1.6A/24V

LED Data

LED type	**2835**
Manufacturer	Lumileds
Chips per sheet	288

Photometric Data

CCT	2700K~6500K
CRI	90+

	2700K	3000K	4000K	6500K
Luminous flux	3,346 Lm/sheet	3,532 Lm/sheet	3,717 Lm/sheet	3,792 Lm/sheet
	10 Lm/unit	11 Lm/unit	12 Lm/unit	13 Lm/unit
	29,191 Lm/m²	30,813 Lm/m²	32,435 Lm/m²	33,083 Lm/m²

Luminous efficacy	93 Lm/W@4000K
Beam angle	120°
Dimmable	1~100%

Construction / Protection

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

Dimensions

Cutting increments	50.8mm*25.4mm See figure 1.
Length	610mm
Width	305mm
Height	2 mm

Lifetime

Lifespan (L70)	>50,000 hours

Testing environment temperature = 25 C°

Figure 1.

Dimensions & Cutting increments

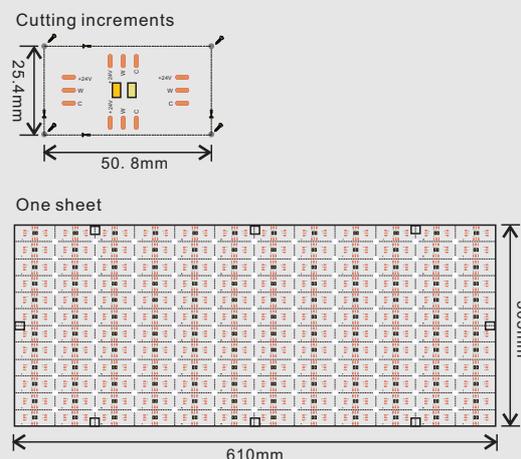Cutting increments

25.4mm

50. 8mm

One sheet

305mm

610mm

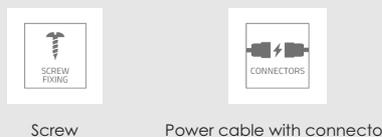## Figure 2.

Suitable Accessories

SCREW FIXING

CONNECTORS

Screw   Power cable with connector

Figure 3.

IP Protection Ratings

IP20   **IP54**

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