Datasheet

TUV LED Panel 620 x 620, 50W

RS Pro Stock No. 893-6929

620

620

9

RoHS
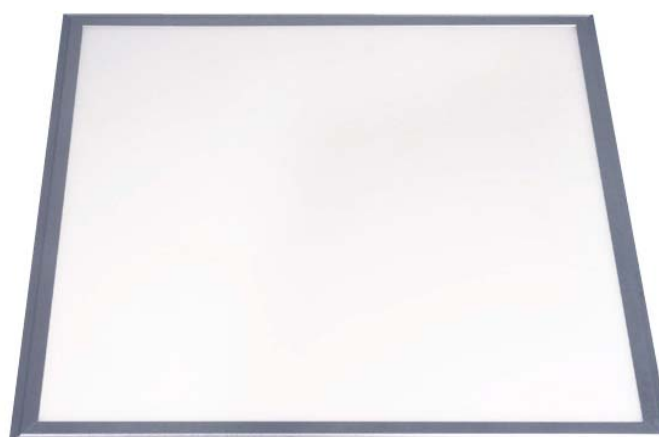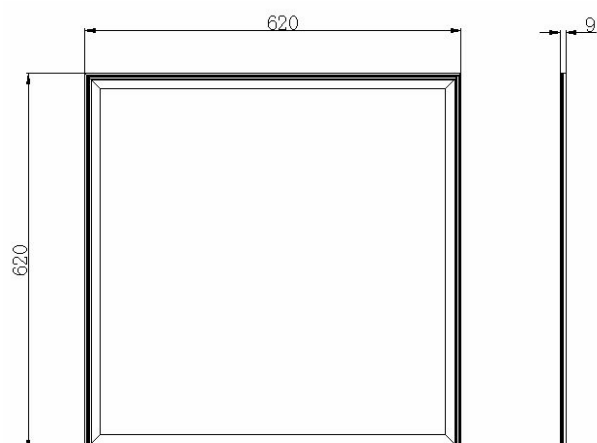
For Indoor Use Only

Specification

RS stock number: 893-6929

Colour temperature: 6200 – 6800K cool white
Material: Aluminium and polycarbonate
Luminaire colour: Silver white
Heat sink: 6063 Aviation aluminium
Protected against single LED failure, should one fail, the rest continue operating
Diffuser: Polycarbonate
Light source: 4014 Type SMD LEDs
Driver certification: TUV\UL\CUL\ SAA\ENEC\FCC\CE\PSE

Rated Power	50W±5%
Input Voltage	200V-240V AC
Input current	Max0.8A
Working Frequency	50Hz
THD	$<$15%
Power Factor	$>$0.90
Driver Efficiency	≥86%
Driver Output Voltage/Current	Volt：27-42VDC Current：1200mA±5%
Lumen output/LED	≥55-60lm/150mA
LEDs	SMD 4014
LED Qty	192PCS
CCT	6200 – 6800K cool white
Lumen output	4300±10%LM
Beam Angle	$>$110°
Ra	≥80
Working Temp.	-20~+45°C
Store Temp.	-30~+65°C
Lamp Life	30000 Hours
IP Rating	IP40

Feature:
1. Suitable for use in office buildings, shopping malls, super markets, schools, hospitals, hotels, parking lots and workshops
2. Energy-saving: SMD LEDs provide up to 80% energy savings compared to incandescent equivalents
3. Eco friendly: Luminaires contain no mercury or lead, and do not emit infrared or UV
4. Long Lifespan: Over 50000 hours
5. These luminaires run cool, using small low power LED chips and efficient heat sinks
6. Constant current led driver; no strobe effect
7. High quality light guide plate for an even, soft and comfortable light

Light distribution curve and intensity

Distribution Curve of Meridian

Unit: cd
— c0 /180
— c30/210
— c60/240
— c90/270

Conical Intensity Distribution Curve of Max Intensity

House Side   Street Side

Location of Peak: $\gamma = 0.9°$