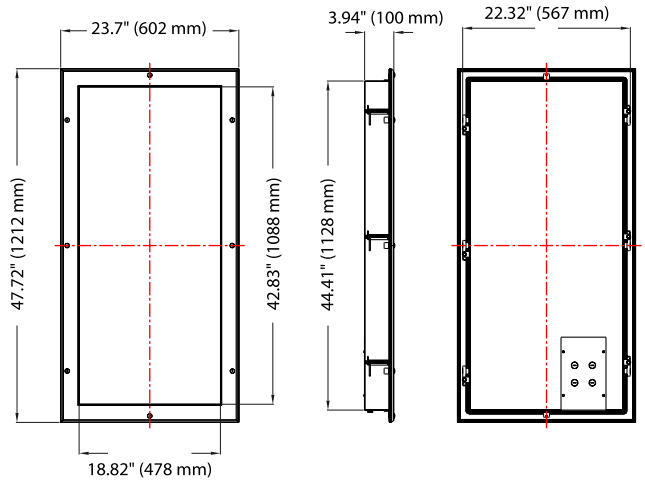
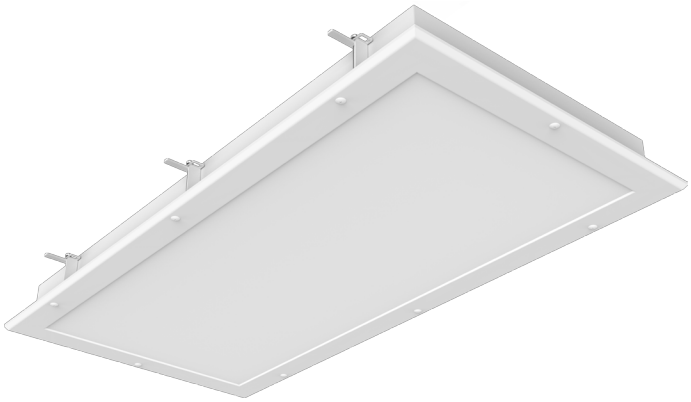
TLCPUS24W100AD

Cleanroom panel





Electrical specifications	
Model no.	TLCPUS24W100AD
DLC ID	-
Power ±10%	60W / 80W / 100W
Input voltage	100-347 V
Frequency	50/60 Hz
Efficacy ±3%	125 lm/W
Power factor	>0.9
Dimmable	0-10 V
Surge protection	CM(L/N):2KV, DM (L/N-PE) :2KV
Total harmonic distortion	≤20%

Photometric specifications	
CRI	>80
CCT	3500K / 4000K / 5000K
Beam angle	110°
Light output ±3%	60W: 7 500 lm
	80W: 10 000 lm
	100W: 12 500 lm

Mechanical specifications	
IP rating	IP65 / IK03
Material	Aluminum
Lens	Frosted polycarbonate
Net weight	18.6 kg
Product dimensions	± 47.72" x 23.7" x 3.94"
	± 1212 x 602 x 100 mm
Operating humidity	10% ~ 90%
Operating temperature	-25°C ~ 40°C
Lumen maintenance	>85% at 100 000 hours

Product description:

- Selectable power and CCT.
- Fully welded construction.
- Concealed front mounting brackets.
- Antibacterial coating.
- Fraunhofer IPA certified for cleanrooms.
- Compliant with cleanrooms of ISO cleanliness classes 3 to 9.
- UGR <22.

Applications:

Dust-free factories, laboratories, hospitals, pharmaceutical plants, etc.