

CLEANROOM LED PANEL

Lighting Precision.
Ensuring Purity.



WARRANTY



**100,000
HOURS
LIFE TIME**



**CLEANROOM
COMPLIANT**

Designed to meet the
highest standards.



**PRECISE &
COMFORTABLE LIGHT**

Uniform illumination for
critical environments.



**EASY
INSTALLATION**

Sleek design for quick
and secure setup.



**RELIABLE
PERFORMANCE**

Built for durability and
long-term efficiency.



ISO 9001:2015
QMS



ISO 45001:2018
HSE

ALROUF CLEANROOM LED PANEL

Precision Lighting for
Critical Environments



SUPERIOR BRIGHTNESS

Uniform, flicker-free light
for high-precision tasks



CLEANROOM COMPLIANT

Designed for hygiene,
safety & performance



ENERGY EFFICIENT

Lower energy consumption,
higher efficiency



EASY INSTALLATION

Sleek design with
hassle-free setup

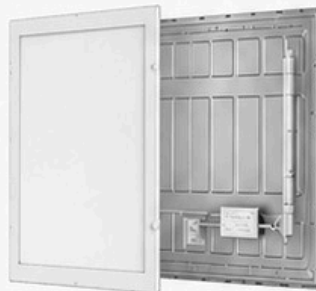


ENGINEERED FOR EXCELLENCE

Reliable, durable, and efficient
lighting solutions from
Alrouf Lighting Technology –
designed to meet the highest
standards in critical environments.

EDGE-LIT CLEANROOM PANEL

- Light emits from sides, more soft and even
- Super slim and surface-mounted design
- PMMA LGP, longer lifespan and no yellowing
- IP54 Front & IP65 Back
- Diffuser option: PC & Tempered glass
- 5 years warranty, lifespan > 50,000hrs



PC
IK03



Anti-virus PC
IK03



Tempered glass
IK08



IP54



Flicker
Free

CE RoHS

SPECIFICATIONS



SIZE (FT)

- 2 × 2
- 2 × 4
- 4 × 4



EFFICIENCY (LM/W)

- 100
- 120



WATTAGE

- 30W – 72W



FUNCTIONAL

- 0-10V
- DALI
- Emergency
- CCT Dimming
- CCT Switch



CCT

- 2700K – 6500K



LOW GLARE

- UGR < 19
- UGR < 22



IP RATING

- IP54
- IP65

DESIGN DETAILS



Bevel-designed frame,
smooth surface, easy to clean,
without dust accumulation



Perfect sealing between
panel and ceiling achieved
by silicon stripes
designed on the back



Screwing from
front side



QMS
Quality Management System



HSE
Health, Safety & Environment
Management System



**5 YEARS
WARRANTY**

INSTALLATION INSTRUCTION



1 Step1: Open a Hole

2 Step2: Connect the Lamp to the Driver

3 Step3: Fix the lamp on the clean plate through screws

4 Step4: Plug the T-rubber plug into the screw hole

RECESSED CLEANROOM PANEL

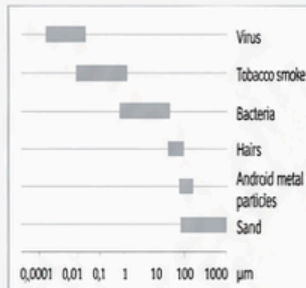


- Sleek recessed design
- Smooth surface for cleanroom safety
- Reliable performance
- Easy installation
- Long life operation

CLEANLINESS CLASS OF CLEANROOMS

Cleanliness class

According to ISO 14644-1
Cleanrooms and associated controlled environments - Part 1: Classification of air cleanliness by particle concentration



ISO14644-1

ISO (N)	(particles/m ³)					
	0.1µm	0.2µm	0.3µm	0.5µm	1µm	5µm
ISO Class 1	10	2	-	-	-	-
ISO Class 2	100	24	10	4	-	-
ISO Class 4	1 000	237	102	35	8	-
ISO Class 5	10 000	23 700	10 200	3 520	83	-
ISO Class 6	100 000	237 000	10 2000	3 5200	832	29
ISO Class 7	1 000 000	2 370 000	10 20000	35 2000	8 3200	293
ISO Class 7	-	-	-	3 520 000	8 320 000	2 930
ISO Class 8	-	-	-	3 520 0000	8 320 0000	29 300
ISO Class 9	-	-	-	35 200 000	8 320 0000	293 000

N: Maximum concentration limits (particles/m³ of air) for particles equal to and larger than the considered sizes shown above

TRUSTED QUALITY. CERTIFIED STANDARDS.



**ISO 9001:2015
QMS**



**ISO 45001:2018
HSE**

DESIGN DETAILS



Bevel-designed frame

Smooth surface, easy to clean, without dust accumulation



Perfect sealing

Perfect sealing between panel and ceiling achieved by silicon stripes designed on the back



Front side screws

Screwing from front side for easy installation and maintenance

CLEANROOM LED PANEL



MOUNTED TYPE

M-C1 Series
(Surface Mounting Installation)



RECESSED TYPE

BL-C1 Series
(Recessed Installation)

CONTACT US



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ISO 9001:2015
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ISO 45001:2018
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