

# Halo

Impactrum Product

# Halo

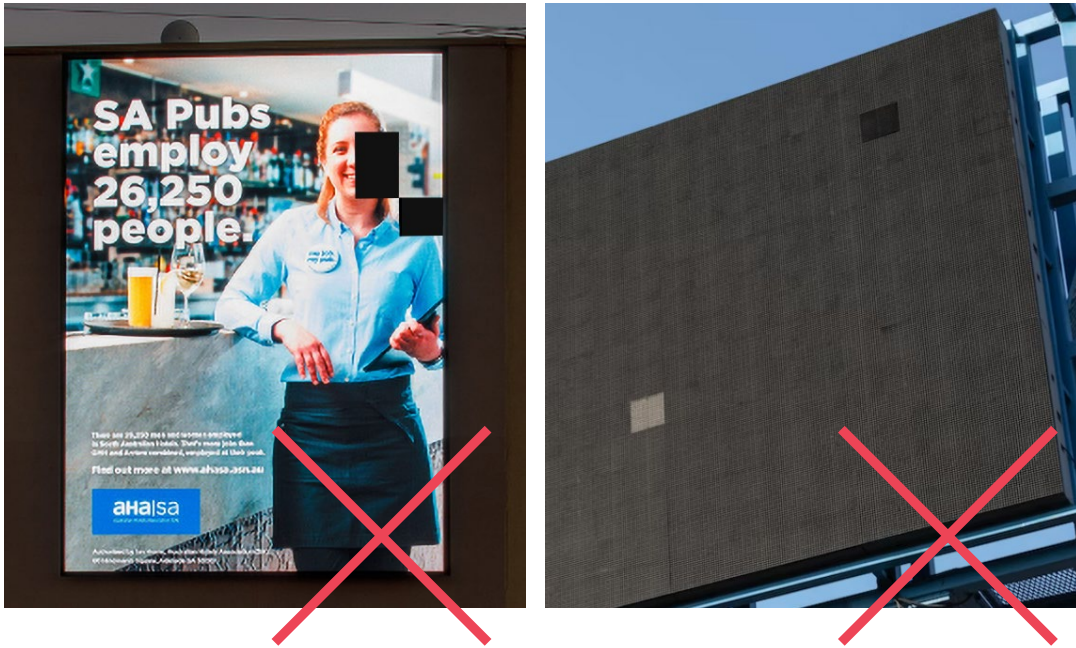
Performance  
enhanced further,  
price made  
economical.



# The essence of outdoor advertising screens.

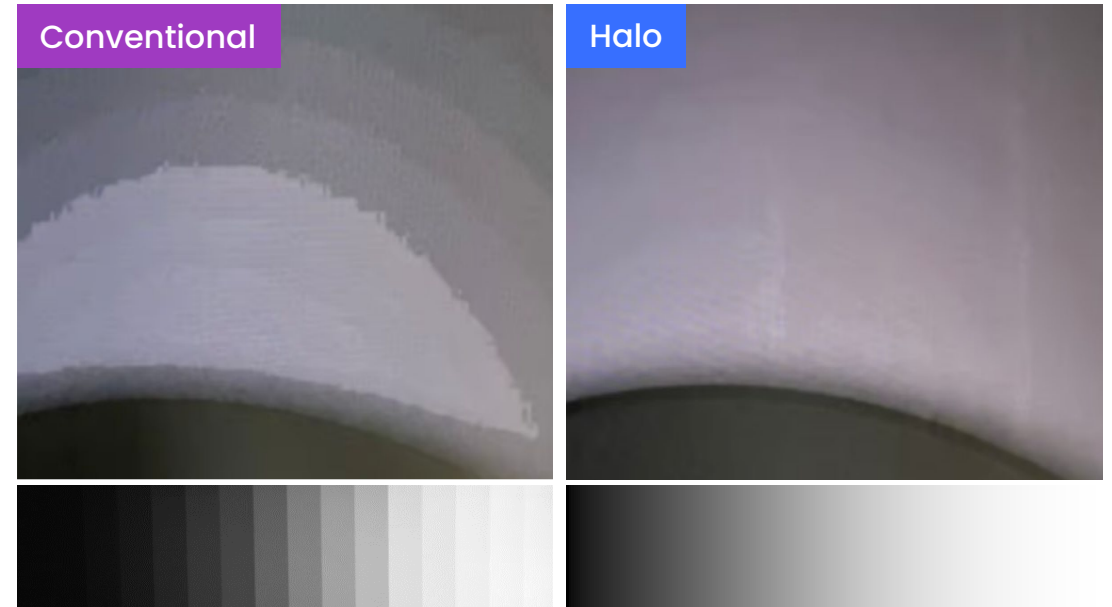
## Minimization of failure rate

Failures not only incur maintenance costs but can also lead to advertising failures, potentially causing various losses.

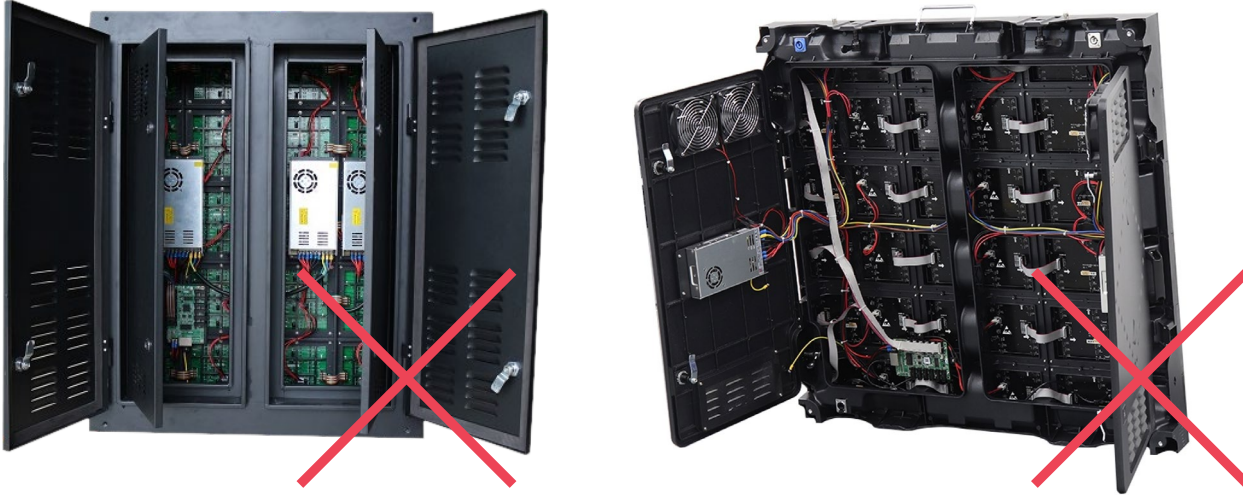


## Superior image quality

Grayscale significantly enhanced to express the finest gradations, regardless of day or night.



## Waterproof and dustproof comparison



### 1st, 2nd generation legacy products.

#### Dust ingress

Due to the presence of fan holes, fine dust continuously enters the system.

#### Moisture ingress

When installed in humid areas, or during severe rain and typhoons, moisture ingress occurs.

#### IP54

Since it is not a sealed design, only an IP54 rating can be achieved.



### 4th generation Halo

A premium product that fundamentally prevents the ingress of water and dust through a complete sealed structure.

IP66  
rating

# Perfect sealing.

Perfect waterproof and dustproof, without even a fan hole.

## IP66.

Designed with a structure that completely blocks dust and moisture, ensuring no moisture ingress even in humid weather or during typhoons.





## Use with confidence in extreme conditions.

typhoons  
sandstorms  
rain

direct sunlight  
condensation  
snowstorms

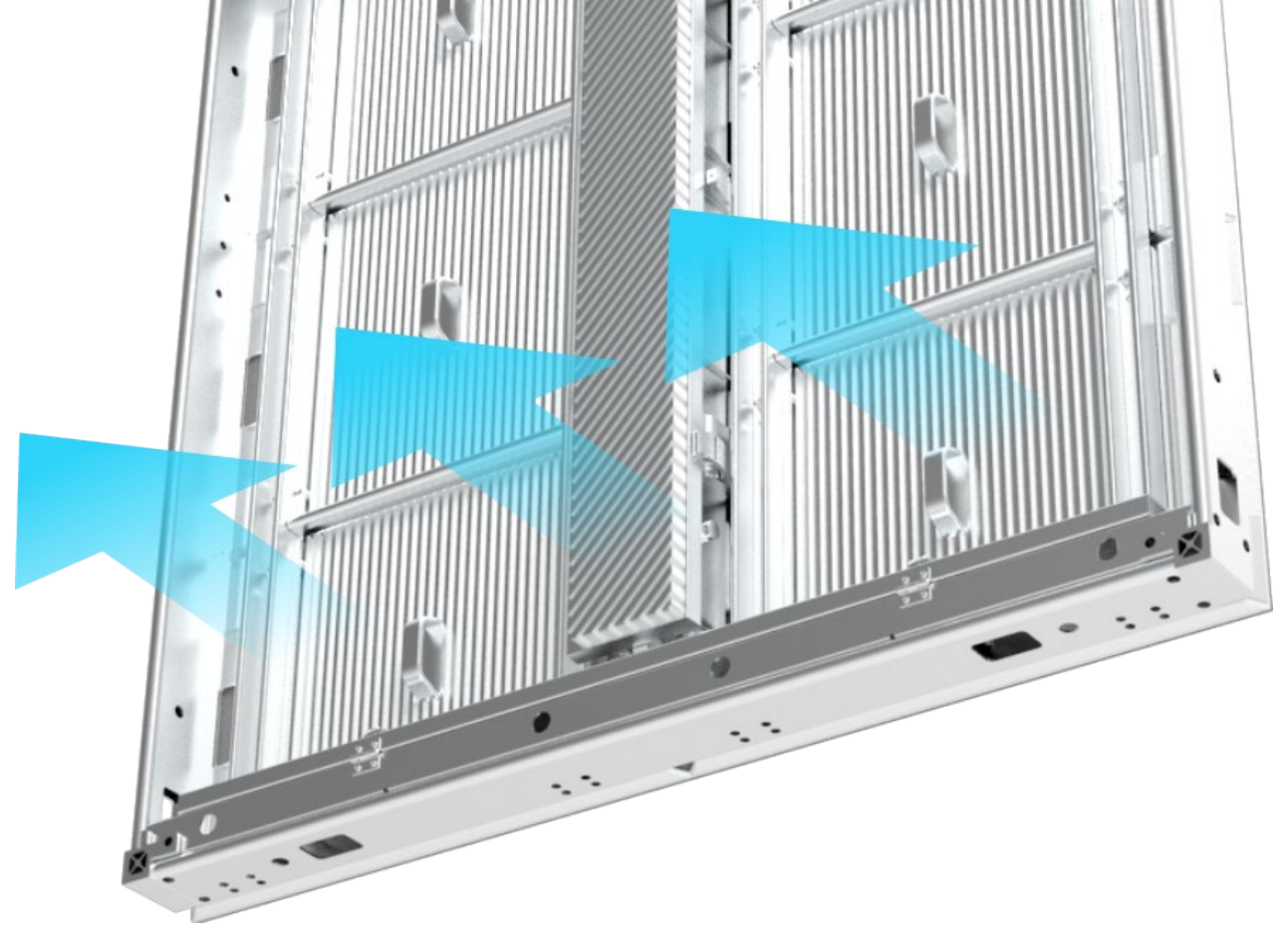
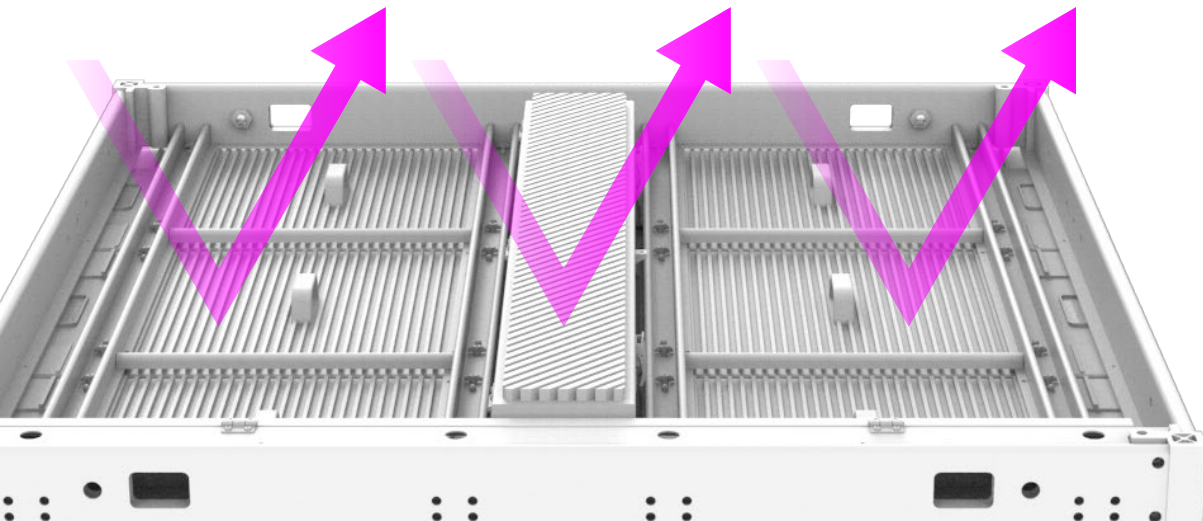
Working Temp.  
-30°C - +65°C.

## Dual heat dissipation

Heat dissipation is a critical function that prevents malfunctions and aging of LED screens.

### Light-reflecting white coating.

All parts are coated in white to increase light reflectivity, preventing malfunctions due to heat.



Even the modules  
are fully aluminum.

All modules are made entirely  
of aluminum, ensuring rapid  
heat dissipation.

# CCT low-power technology applied

Low-power technology extends beyond energy savings to quality-related aspects.

## Slow aging rate

High power generates thermal shock, which accelerates aging. Halo has an exceptionally slow aging rate.

## Sustaining long-term quality.

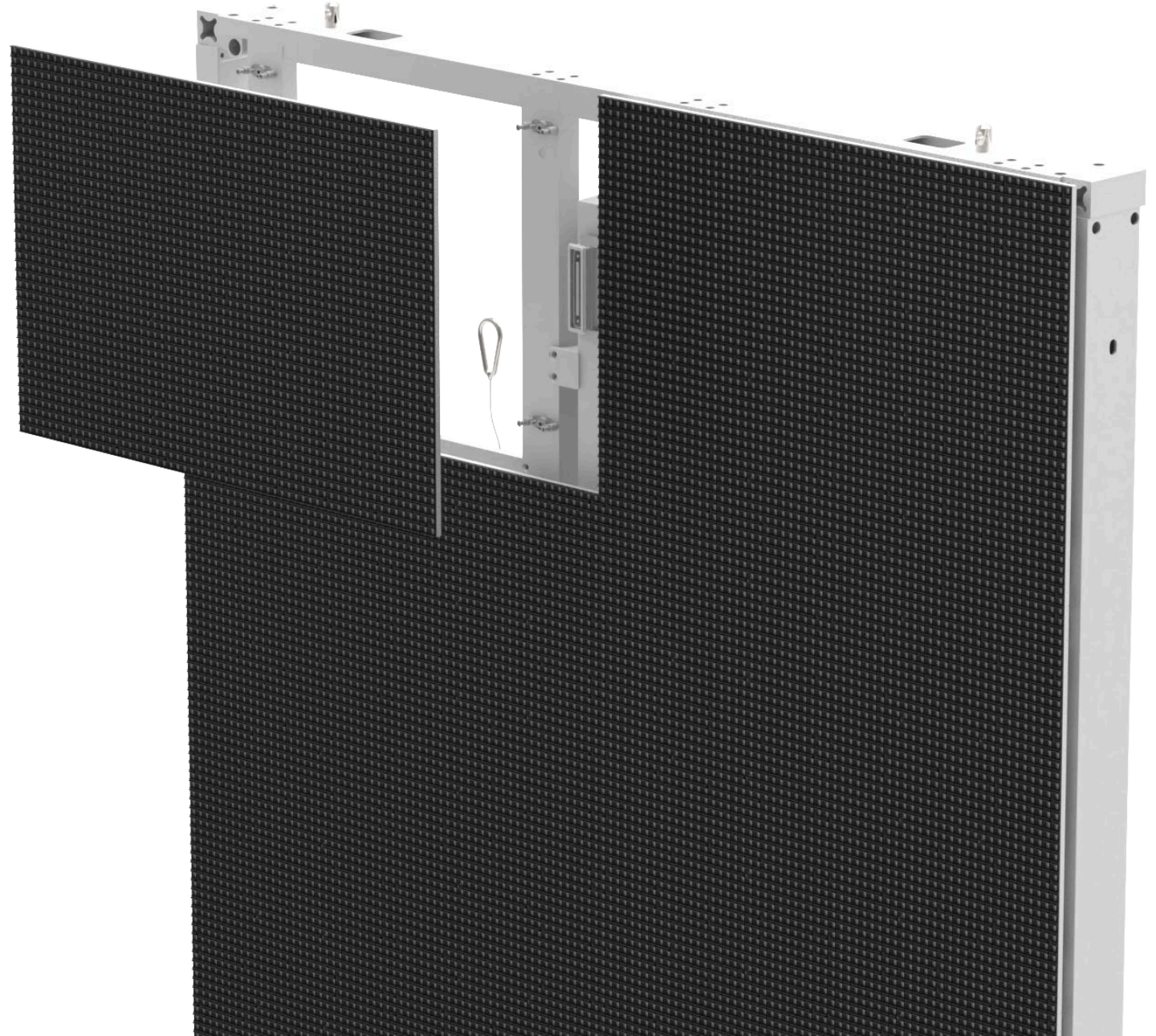
As heat increases, the color deviation of individual LEDs grows larger, causing lower-quality products to experience screen flickering within a few months.





## Front and rear maintenance.

Both front and rear maintenance options alleviate concerns about on-site space configuration.



## Halo Economy Specification.

Product	Halo 6.6	Halo 8	Halo 10
Pixel Pitch	6.66 mm	8 mm	10 mm
Brightness (Peak)	5,500 nits	6,000 nits	6,000 nits
Module Size	480 x 320 mm	480 x 320 mm	480 x 320 mm
Panel Size	960 x 960 mm		
Panel Resolution	144 x 144 px	120 x 120 px	96 x 96 px
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
Viewing Angle	H 140°   V 90°	H 140°   V 90°	H 140°   V 90°
Weight	29.5 kg / panel	29.5 kg / panel	29.5 kg / panel
Maintenance	Front   Rear	Front   Rear	Front   Rear
Power Consumption	Max. 600   Avg. 200 w / sqm	Max. 600   Avg. 200 w / sqm	Max. 600   Avg. 200 w / sqm
Life Span	70,000 hrs	70,000 hrs	70,000 hrs

## Halo Pro Specification.

Product	Halo 6.6	Halo 8	Halo 10
Pixel Pitch	6.66 mm	8 mm	10 mm
Brightness (Peak)	9,000 nits	10,000 nits	10,000 nits
Module Size	480 x 320 mm	480 x 320 mm	480 x 320 mm
Panel Size	960 x 960 mm		
Panel Resolution	144 x 144 px	120 x 120 px	96 x 96 px
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
Viewing Angle	H 140°   V 90°	H 140°   V 90°	H 140°   V 90°
Weight	29.5 kg / panel	29.5 kg / panel	29.5 kg / panel
Maintenance	Front   Rear	Front   Rear	Front   Rear
Power Consumption	Max. 600   Avg. 200 w / sqm	Max. 600   Avg. 200 w / sqm	Max. 600   Avg. 200 w / sqm
Life Span	70,000 hrs	70,000 hrs	70,000 hrs

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