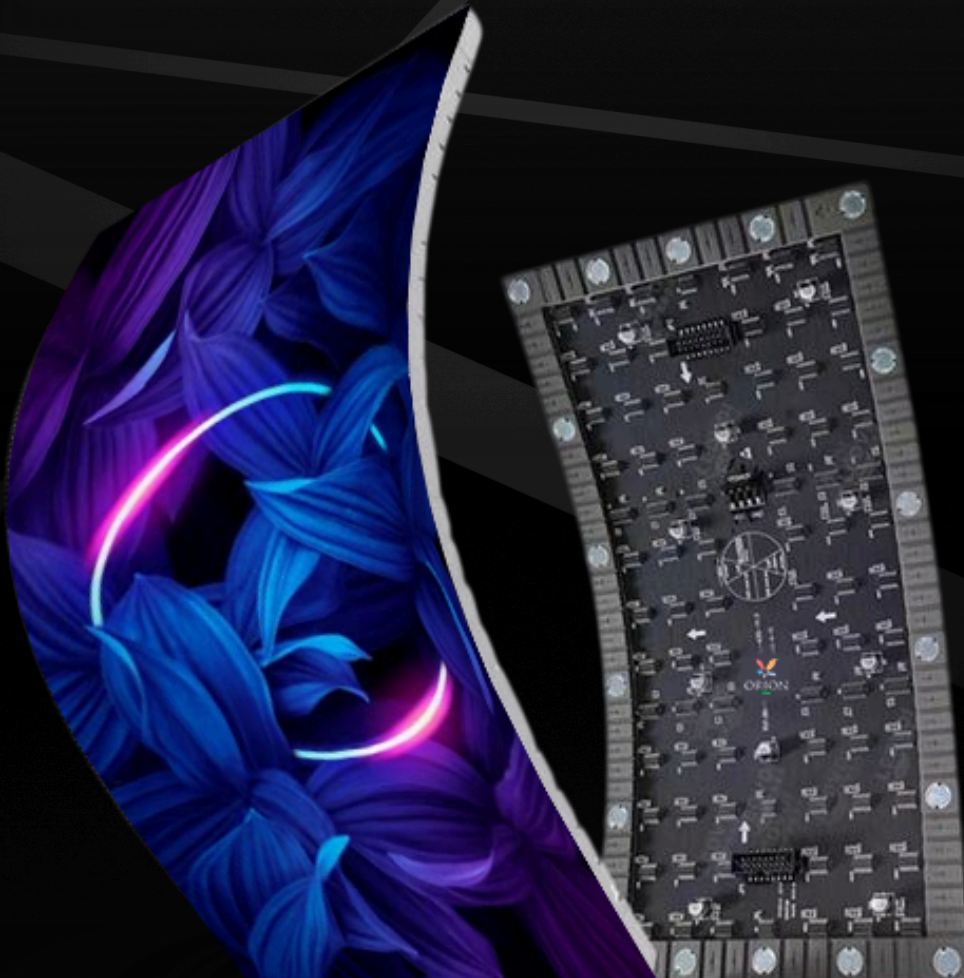


FLEXIBLE LED DISPLAY

NEBULA SERIES



 Flexible & Customizable

 Lightweight & Slim

 High Refresh Rate

 Magnetic Installation

KEY FEATURES



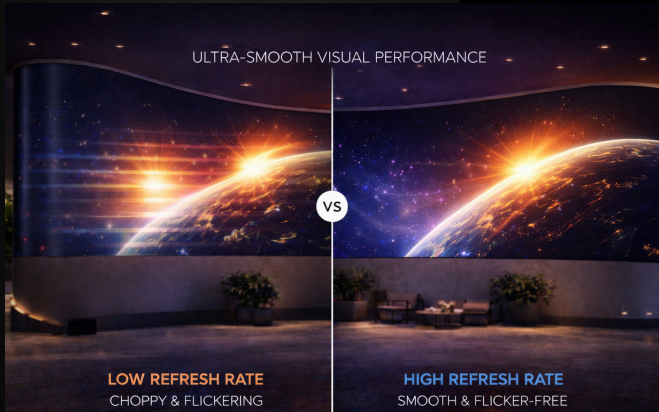
Flexible & Customizable

Adapts easily to various designs and configurations, enabling creative and tailored installations.



Lightweight & Slim

Designed for easy handling and installation with a sleek, space-saving profile.



High Refresh Rate

Ensures smooth, flicker-free visuals for dynamic and high-speed content.



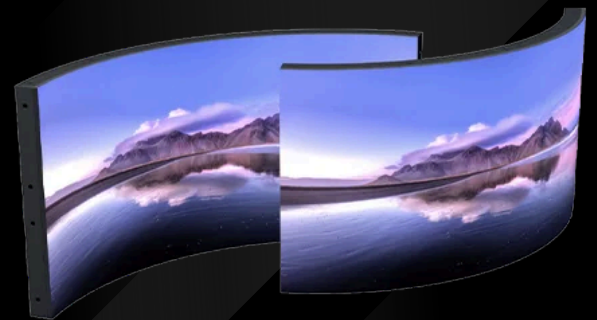
Magnetic Installation

Allows quick and hassle-free setup with convenient front access for maintenance.



Versatile Use

Suitable for a wide range of applications across different indoor environments



Concave & Convex Design

Enables curved installations, supporting both inward and outward display shapes.

APPLICATIONS

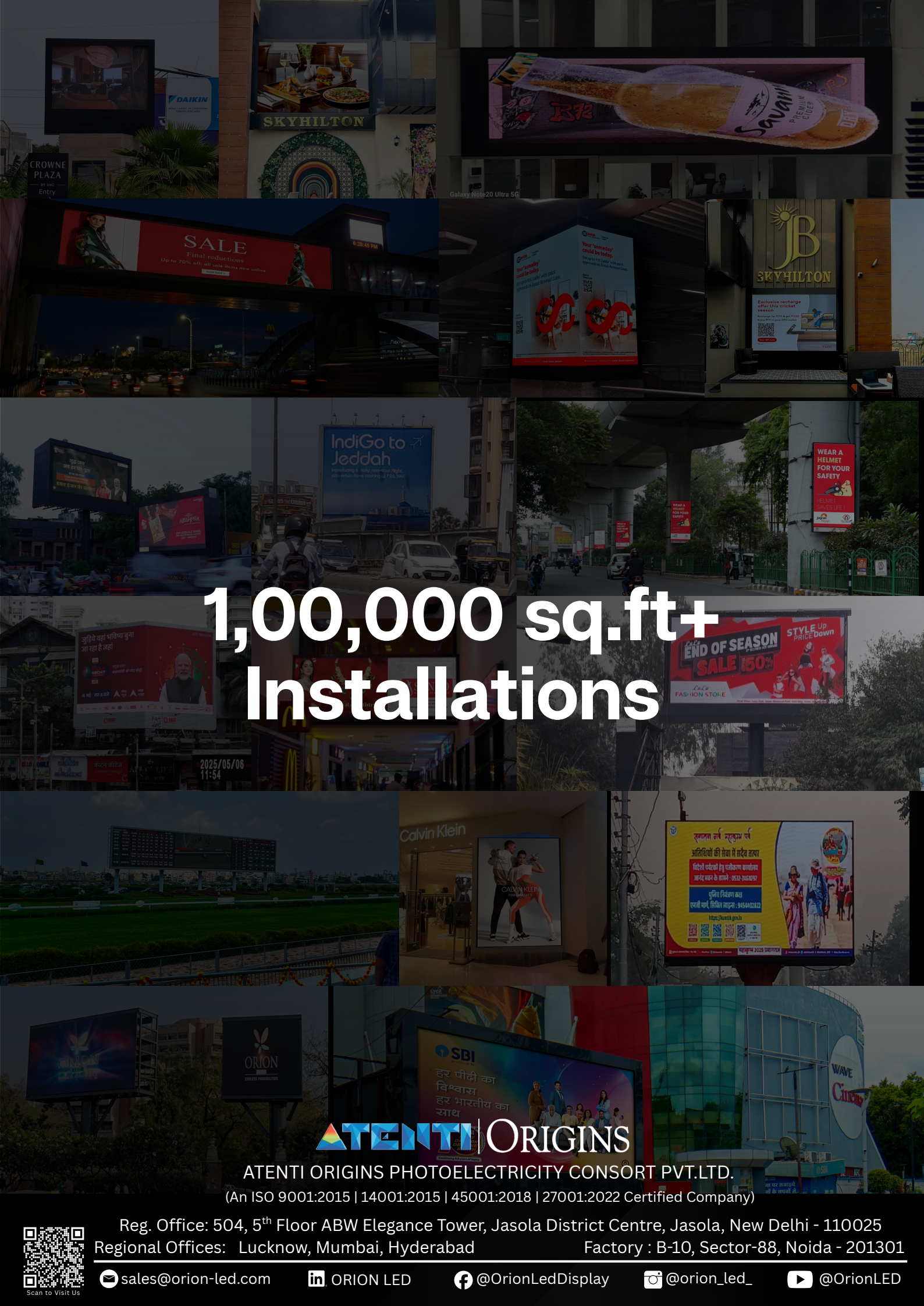


TECHNICAL SPECIFICATIONS

S. No.	Product Parameter	Module Base (Indoor)			
		P1.53	P1.86	P2.5	P3
1	LED Type	Black SMD1212	Black SMD1515	Black SMD2020	Black SMD2121
2	Pixel Pitch(mm)	1.53	P1.86	2.5	3
3	Drive Method	1/43	1/43	1/32	1/32
4	Module Size(mm)	320 x 160mm	320 x 160mm	320 x 160mm	240 x 120mm
5	Module Resolution(pixel)	208 x 104	172 x 86	128 x 64	80 x 40
6	Pixel Density	427,185pixels/m ²	288,906pixels/m ²	160,000 pixels/m ²	111,111piels/m ²
7	Viewing Angle	H 140°, V 140°	H 140°, V 140°	H 140°, V 140°	H 140°, V 140°
8	Brightness	300-800cd/m ²	300-800cd/m ²	300-800cd/m ²	300-800cd/m ²
9	Refresh Rate(Hz)	≥3840	≥3840	≥3840	≥3840
10	Frame Rate(Hz)	≥50-60	≥50-60	≥50-60	≥50-60
11	Voltage(V)	AC 110/220V	AC 110/220V	AC 110/220V	AC 110/220V
12	Avg. Power Consumption	200W/m ²	200W/m ²	200W/m ²	200W/m ²
13	Max. Power Consumotion	600W/m ²	600W/m ²	600W/m ²	600W/m ²
14	Service Access	Total Front Access	Total Front Access	Total Front Access	Total Front Access
15	IP Grade	IP31	IP31	IP31	IP31
16	Operating Temp/Humidity	0C~50° °C ,10~90%RH	0C~50° °C ,10~90%RH	0C~50° °C ,10~90%RH	0C~50° °C ,10~90%RH
17	Storage Temp/Humidity	C-60° °C ,10~90%RH	C-60° °C ,10~90%RH	C-60° °C ,10~90%RH	C-60° °C ,10~90%RH
18	Lifetime(Normal Temp)	≥100.000H@50% brightness	≥100.000H@50% brightness	≥100,000H@50% brightness	≥100.000H@50% brightness
19	Cabinet Frame Size(mm)	Customized Cabinet	Customized Cabinet	Customized Cabinet	Customized Cabinet
20	Cabinet Type and Material	Sheet metal	Sheet metal	Sheet metal	Sheet metal
21	Screen resolution	Customized	Customized	Customized	Customized
22	Cabinet Weight (Kg)	32 KG Per sqm	32 KG Per sqm	32 KG Per sqm	32 KG Per sqm

TECHNICAL SPECIFICATIONS

S. No.	Product Parameter	Cabinet Base
		P2.9
1	LED Type	Black SMD 2121 / Black SMD 2020
2	Pixel Pitch(mm)	2.97
3	Pixel Density (pixels/ m ²)	112,896
4	Cabinet Dimension(mm)	500 x 500 x 87
5	Cabinet Resolution(dot)(WXM)	168 x 168
6	Module Dimension(mm)	250 x 250
7	Module Resolution(dot)(WXM)	84 x 84
8	Module quantity(WXM)	2 x 2
9	Cabinet material	Die-casting Aluminum
10	Viewing Angle	H 140° , V 140°
11	Brightness	≥800cd/ m ²
12	Contrast Ratio	10000:1
13	Color Temperature	3200-9300 Optional
14	Frame-changing Frequently	50/60
15	Drive Method	1/21
16	Refresh rate (Hz)	≥3840
17	Max. Power Consumption (w/m ²)	800
18	Avg. Power Consumption (w/m ²)	280
19	Service Access	FRONT
20	IP Grade	IP31/43
21	Operating Temp/Humidity	0 °C~ 50 °C , 10 ~ 90%RH
22	Storage Temp/Humidity	0 °C~ 60 °C , 10 ~ 90%RH
23	Weight/Cabinet(KGS)	≤8
24	System Controller	Novastar
25	Compliant Standard	CE/BIS/CCC/FCC/CB



1,00,000 sq.ft+
Installations

ATENTI | ORIGINS

ATENTI ORIGINS PHOTOELECTRICITY CONSORT PVT.LTD.

(An ISO 9001:2015 | 14001:2015 | 45001:2018 | 27001:2022 Certified Company)

Reg. Office: 504, 5th Floor ABW Elegance Tower, Jasola District Centre, Jasola, New Delhi - 110025

Regional Offices: Lucknow, Mumbai, Hyderabad

Factory : B-10, Sector-88, Noida - 201301

sales@orion-led.com

ORION LED

@OrionLedDisplay

@orion_led_

@OrionLED



Scan to Visit Us