

MODULAR LED DISPLAY

RIGEL SERIES



Scalable &
Customizable



Seamless
Display



Easy
Maintenance



Heat
Dissipation

KEY FEATURES



Scalable & Customizable

Easily adapts to different sizes and configurations based on project needs. It offers flexibility for creative and large-scale installations.



Seamless Display

Ensures smooth, gap-free panel integration for a unified visual experience. It enhances content impact with a clean and continuous screen.



Easy Maintenance

Designed for quick access and hassle-free servicing. It reduces downtime and ensures long-term operational efficiency.



High-Quality Visuals

Delivers sharp, vibrant, and consistent image quality. It enhances viewing experience with superior clarity and color performance.



Versatile Applications

Suitable for a wide range of indoor and outdoor environments. It adapts easily to various use cases and installation setups.



Efficient Heat Dissipation

Optimized for effective heat dissipation during continuous operation. It ensures stable performance and extends product lifespan.

APPLICATIONS



TECHNICAL SPECIFICATIONS

Rigel Series

Front and Rear Service - IP65 product series - Profile cabinet - Wall mount - Fixed installation product

S.No.	Product Parameter	P3.91	P4.81	P6.25	P7.81	P10.41
1	SMD Type	Nationstar SMD1921	Nationstar SMD1921	Nationstar SMD2727	Nationstar SMD2727	Nationstar SMD2727
2	Physical Density (dots/sqm)	65536	43264	25600	16384	9216
3	Panel Dimension Wx H X Depth in mm	1000 x 1000 x 83	1000 x 1000 x 83	1000 x 1000 x 83	1000 x 1000 x 83	1000 x 1000 x 83
4	Module size W x H in mm	500mm x 250mm	500mm x 250mm	500mm x 250mm	500mm x 250mm	500mm x 250mm
5	Cabinet resolution	256 x 256	208 x 208	160 x 160	128 x 128	96 x 96
6	Module resolution	128 x 64	104 x 52	80 x 40	64 x 32	48 x 24
7	Cabinet weight in Kg	25	25	25	25	25
8	Cabinet material	Aluminum profile	Aluminum profile	Aluminum profile	Aluminum profile	Aluminum profile
9	Maintenance Mode	Front and Rear	Front and Rear	Front and Rear	Front and Rear	Front and Rear
10	Brightness nits	5500nits	5500nits	6000nits	6000nits	6500nits
11	Viweing Angle H/V	140/140	140/140	140/140	140/140	140/140
12	Contrast Ratio	5000:1	6000:1	5000:1	5000:1	6000:1
13	Scan Ratio	1:8	1:7	1:8	1:4	1:2
14	Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz
15	Max power consumption per sqm	650watt	650watt	650watt	650watt	650watt
16	Average power consumption per sqm	230watt	230watt	230watt	230watt	230watt
17	Working Temperature	NEGATIVE 20C TO +65C	NEGATIVE 20C TO +65C	NEGATIVE 20C TO +65C	NEGATIVE 20C TO +65C	NEGATIVE 20C TO +65C
18	Storage Temperature	0C TO +35C	0C TO +35C	0C TO +35C	0C TO +35C	0C TO +35C
19	IP rating Front / Rear	IP65	IP65	IP65	IP65	IP65
20	Certification	CE, BIS,ROHS	CE, BIS,ROHS	CE, BIS,ROHS	CE, BIS,ROHS	CE, BIS,ROHS

Note: Specifications and product information are subject to change without prior notice due to ongoing innovation and development. For the most up-to-date details, please visit www.orion-led.com.

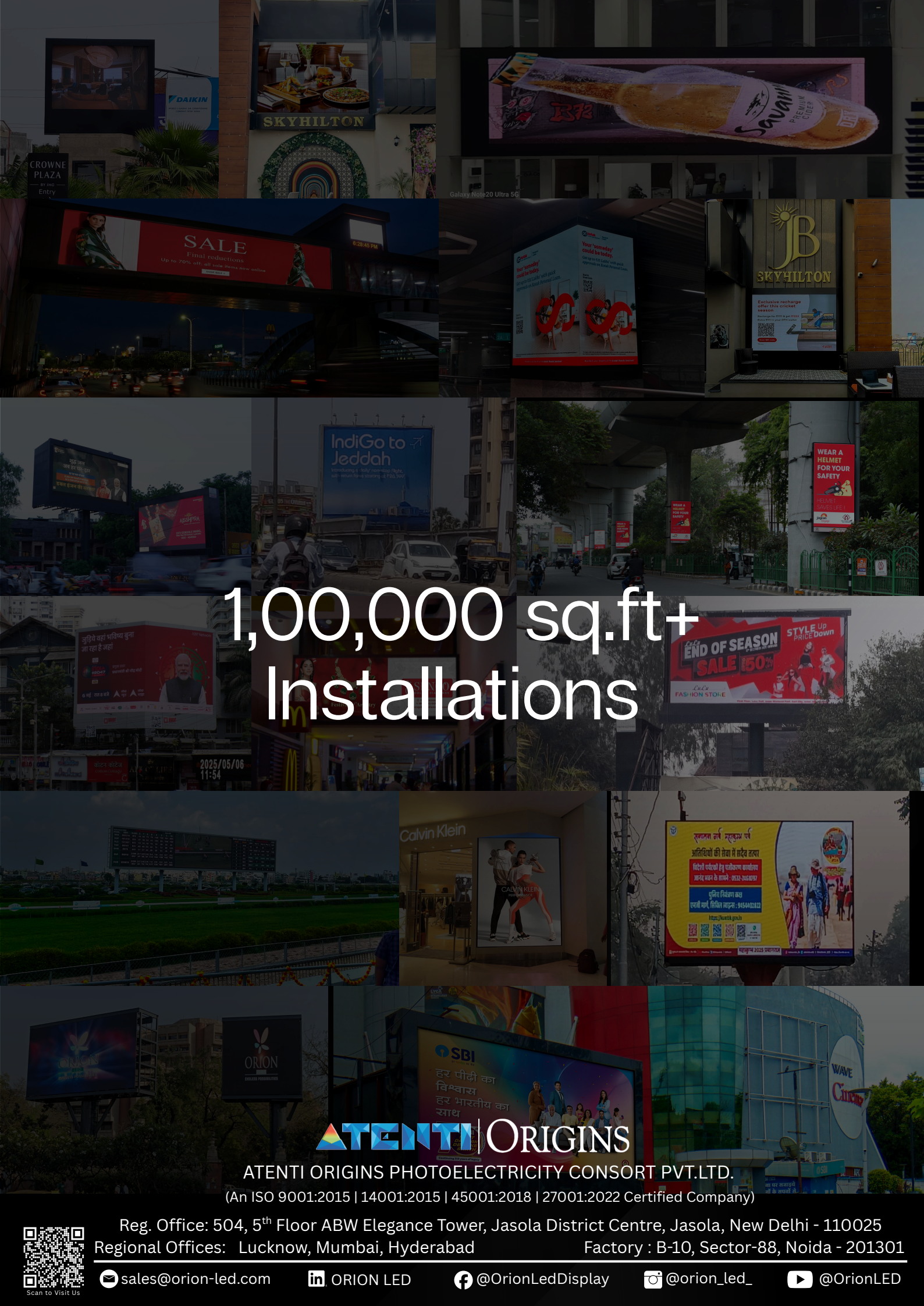
TECHNICAL SPECIFICATIONS

Rigel Series

Front and Rear Service - IP65 product series - Profile cabinet - Wall mount - Fixed installation product

S.No.	Product Parameter	P4	P5	P6.67	P8	P10
1	SMD Type	Nationstar SMD1921	Nationstar SMD1921	Nationstar SMD2727	Nationstar SMD2727	Nationstar SMD2727
2	Physical Density (dots/sqm)	62500	40000	22500	15625	10000
3	Panel Dimension Wx H X Depth in mm	960 x 960 x 83	960 x 960 x 83	960 x 960 x 83	960 x 960 x 83	960 x 960 x 83
4	Module size W x H in mm	480mm x 320mm	480mm x 320mm	480mm x 320mm	480mm x 320mm	480mm x 320mm
5	Cabinet resolution	240 x 240	192 x 192	144 x 144	120 x 120	96 x 96
6	Module resolution	120 x 80	96 x 64	72 x 48	60 x 40	48 x 32
7	Cabinet weight in Kg	25	25	25	25	25
8	Cabinet material	Aluminum profile	Aluminum profile	Aluminum profile	Aluminum profile	Aluminum profile
9	Maintenance Mode	Front and Rear	Front and Rear	Front and Rear	Front and Rear	Front and Rear
10	Brightness nits	5500nits	6000nits	6000nits	6000nits	6500nits
11	Viweing Angle H/V	140/140	140/140	140/140	140/140	140/140
12	Contrast Ratio	5000:1	6000:1	5000:1	5000:1	6000:1
13	Scan Ratio	1:8	1:8	1:8	1:4	1:2
14	Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz
15	Max power consumption per sqm	650watt	650watt	650watt	650watt	650watt
16	Average power consumption per sqm	230watt	230watt	230watt	230watt	230watt
17	Working Temperature	NEGATIVE 20C TO +65C	NEGATIVE 20C TO +65C	NEGATIVE 20C TO +65C	NEGATIVE 20C TO +65C	NEGATIVE 20C TO +65C
18	Storage Temperature	0C TO +35C	0C TO +35C	0C TO +35C	0C TO +35C	0C TO +35C
19	IP rating Front / Rear	IP65	IP65	IP65	IP65	IP65
20	Certification	CE, FCC, EMC, BIS,ROHS	CE, FCC, EMC, BIS,ROHS	CE, FCC, EMC, BIS,ROHS	CE, FCC, EMC, BIS,ROHS	CE, FCC, EMC, BIS,ROHS

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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)

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