



Features

- IP65 protection
- 2-layer PCB
- Surface mount technology
- 24-hour PCB heat-treatment
- Color-coded cables
- Cabinet fuse protection
- 2 Years Standard Warranty (extendable up to 3 years)

The Orion P6.6 Outdoor Bellatrix series is engineered for exceptional performance in challenging outdoor environments. It boasts an IP65 rating, ensuring durability against the elements while delivering high brightness and sharp contrast. With a 14-bit color depth and a 3840 Hz refresh rate, it offers vivid, fluid visuals ideal for a wide range of viewing conditions. Built using advanced surface mount technology, each unit undergoes precise paste application monitoring to ensure a higher yield rate. This display series is a robust and efficient solution for any large-format LED installation.

Technical Specification

S.NO.	Product Parameter	SMD P6.6
1	Pixel Pitch in mm	6.6
2	Pixel Density in sqm	23,104
3	Module Size in mm	320 x 160
4	Cabinet Size in mm	960 x 960
5	Cabinet Weight in KG	27
6	Viewing Angle in H/V	140/140
7	Brightness in cd/sqm	5,500
8	Color Depth	14 bit
9	Refresh Rate in Hz	≥3840
10	Voltage	220v
11	Avg. Power Consumption (W)	400
12	Max Power Consumption (W)	700
13	Service Excess	Rear
14	IP Grade Front/Rear	65/54
15	Operating Temperature (-/+)	-10°C~+65°C
16	Operating Humidity	0-99%
17	Life Time in hrs	50,000
18	MTBF in hrs	5,000

S.No.	Component Parameter	SMD P6.6
1	LED Chip	Atenti SMD
2	PCB	2 layer
3	Driver IC	ICN/SM/DP
4	Power Supply	Rong
5	Controller	Nova
6	Cabinet Material	Die- Cast

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.

ATENTI | ORIGINS

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