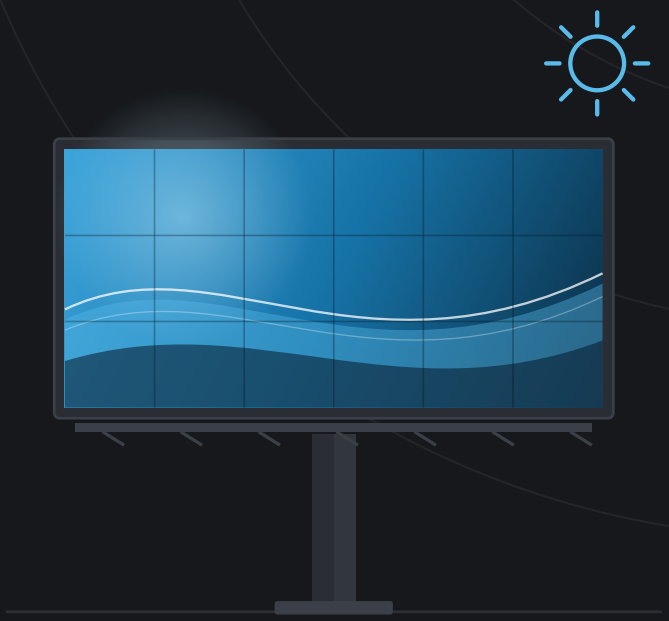
OUTDOOR LED · FIXED INSTALLATION

Skyco Outdoor Fixed

Weatherproof, sunlight-readable LED for billboards, façades and stadiums, from P2.5 to P16.

P2.5 · P4 · P6 · P8 · P10 · P16 DIP



15,000 nits
Brightness, up to

IP66
Front and rear

7,680 Hz
Refresh rate

N+1
Power redundancy

Built for outdoors. Sun, rain and long hours.

Our fixed outdoor range is built for screens that run all day in direct sun and all night in the rain. Two cabinet standards, 960 × 960 and 1000 × 1000 mm, keep structures simple. Smart monitoring, N+1 power and front-and-rear service keep the screen on air, and high-brightness LEDs with automatic dimming keep content readable at noon and comfortable at night. P2.5 covers close-viewing sites and P16 DIP covers long-distance roadside sites.

Sunlight readable
Up to 15,000 nits, with automatic dimming from a light sensor.

IP66, front and rear
Sealed cabinets for rain, dust and summer storms.

Two cabinet standards
960 × 960 and 1000 × 1000 mm, 68 mm deep, about 20.5 kg/m².

Smart monitoring
Temperature, humidity and power checks with remote diagnostics.

N+1 power
A backup supply keeps the screen running if one fails. 8 W standby.

Front and rear service
Choose to suit the structure: front on walls, rear on billboards.

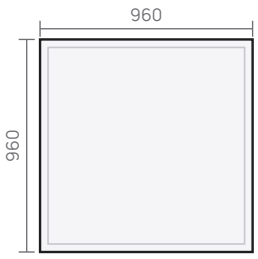
APPLICATIONS

DOOH and billboards · Building façades · Stadiums and sport · Transport and forecourts · Retail and malls · Public information

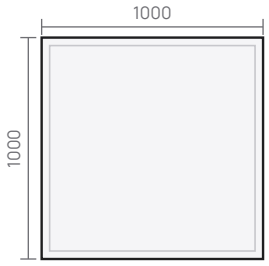
Specifications. Per pitch.

	P2.5	P4	P6	P8	P10	P16 DIP
Pixel pitch, 960 / 1000 cabinet	2.5 / 2.5 mm	4.0 / 3.91 mm	6.67 / 5.95 mm	8.0 / 7.81 mm	10.0 / 10.42 mm	16.0 / 15.63 mm
960 × 960 cabinet	384 × 384	240 × 240	144 × 144	120 × 120	96 × 96	60 × 60
1000 × 1000 cabinet	400 × 400	256 × 256	168 × 168	128 × 128	96 × 96	64 × 64
Pixel density (px/m²)	160,000 / 160,000	62,500 / 65,536	22,500 / 28,224	15,625 / 16,384	10,000 / 9,216	3,906 / 4,096
LED type	SMD	SMD	SMD	SMD	SMD	DIP
Viewing distance from	2.5 m	4 m	6 m	8 m	10 m	16 m

CABINET OPTIONS



960 × 960 × 68 mm



1000 × 1000 × 68 mm

1000 × 750 and 1000 × 1250 mm, curved and 90° corner cabinets also available.

COMMON SPECIFICATIONS

Brightness (SMD)	Up to 15,000 nits, auto-dimming
Refresh rate (SMD)	7,680 Hz
Grey scale	16 bit
Protection	IP66, front and rear
Cabinet depth	68 mm
Weight	About 20.5 kg/m²
Average power	From about 100 W/m²
Standby power	8 W
Power supply	N+1 redundant
Monitoring	Temperature, humidity and power
Service access	Front and rear

Billboard sizes. Resolution by pitch, 1000 mm cabinets.

Screen	Cabinets	P2.5	P4	P6	P8	P10	P16
3 × 2 m	6	1200 × 800	768 × 512	504 × 336	384 × 256	288 × 192	192 × 128
6 × 3 m	18	2400 × 1200	1536 × 768	1008 × 504	768 × 384	576 × 288	384 × 192
12 × 4 m	48	4800 × 1600	3072 × 1024	2016 × 672	1536 × 512	1152 × 384	768 × 256

P2.5 is the close-viewing outdoor pitch, for entrances, walkways and drive-thrus seen from about 2.5 m. Its brightness and power are confirmed in the project proposal.

P16 DIP uses discrete high-brightness DIP LEDs for long viewing distances. Its full specification is supplied with the project proposal.

Specifications are typical values and may change without notice. Final specifications, structure and power design are confirmed in your Skyco project proposal.

Talk to our LED team.

We survey the site, design the screen and structure, install, commission and support it.

1. **Site survey**
2. **Design and quote**
3. **Installation**
4. **Control and handover**
5. **Support**