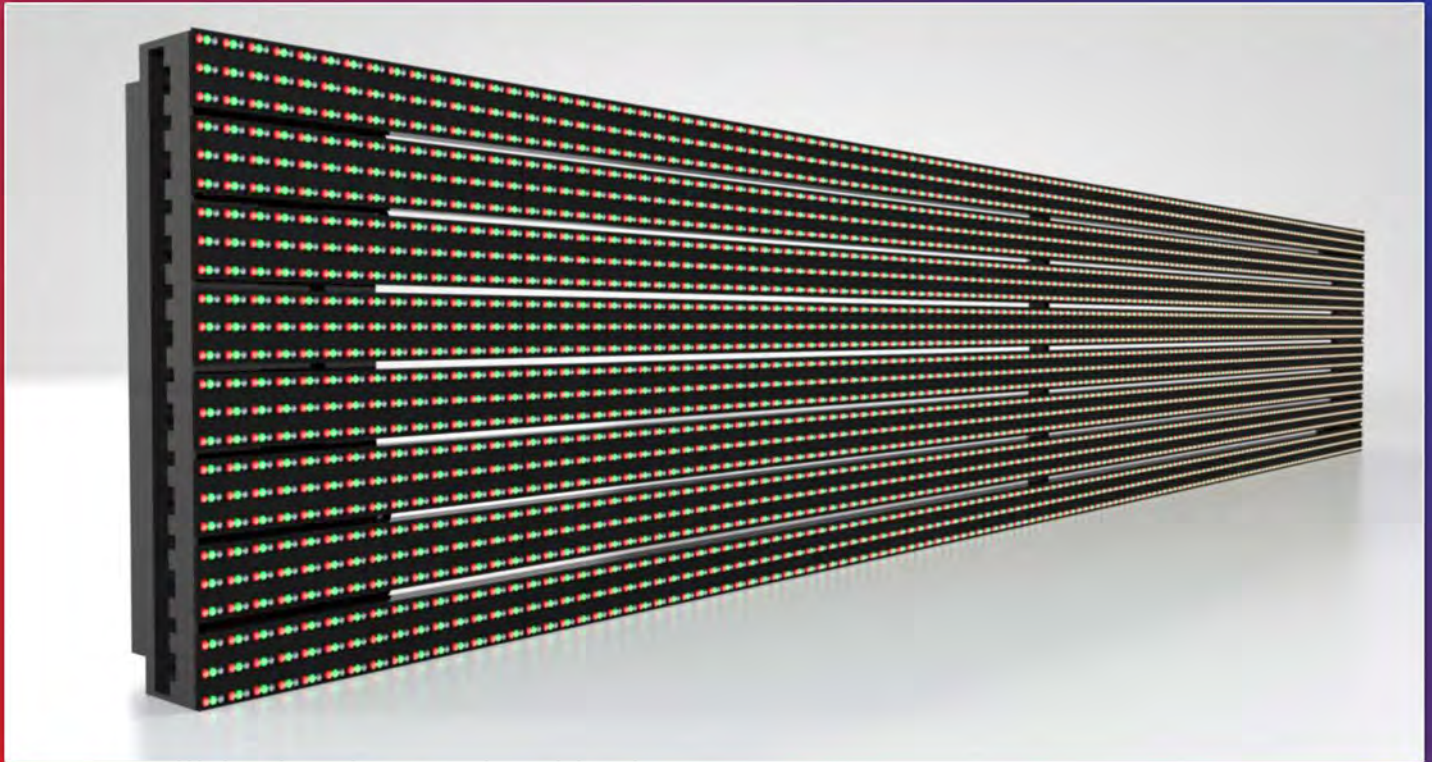


# DYNAMO P16 OUTDOOR LED DISPLAY



## CATALOGUE

2015-V1.0

Contact Us For More Information:

☎ 0845 257 2300 ✉ [Sales@dynamo-led-displays.co.uk](mailto:Sales@dynamo-led-displays.co.uk)

## 1.1 LED

COLOUR	MODEL	WAVELENGTH	BRIGHTNESS
Red	DIP 346	625-630nm	≥2000mcd
Green	DIP 346	515-520nm	≥4000mcd
Blue	DIP 246	465-470nm	≥800mcd

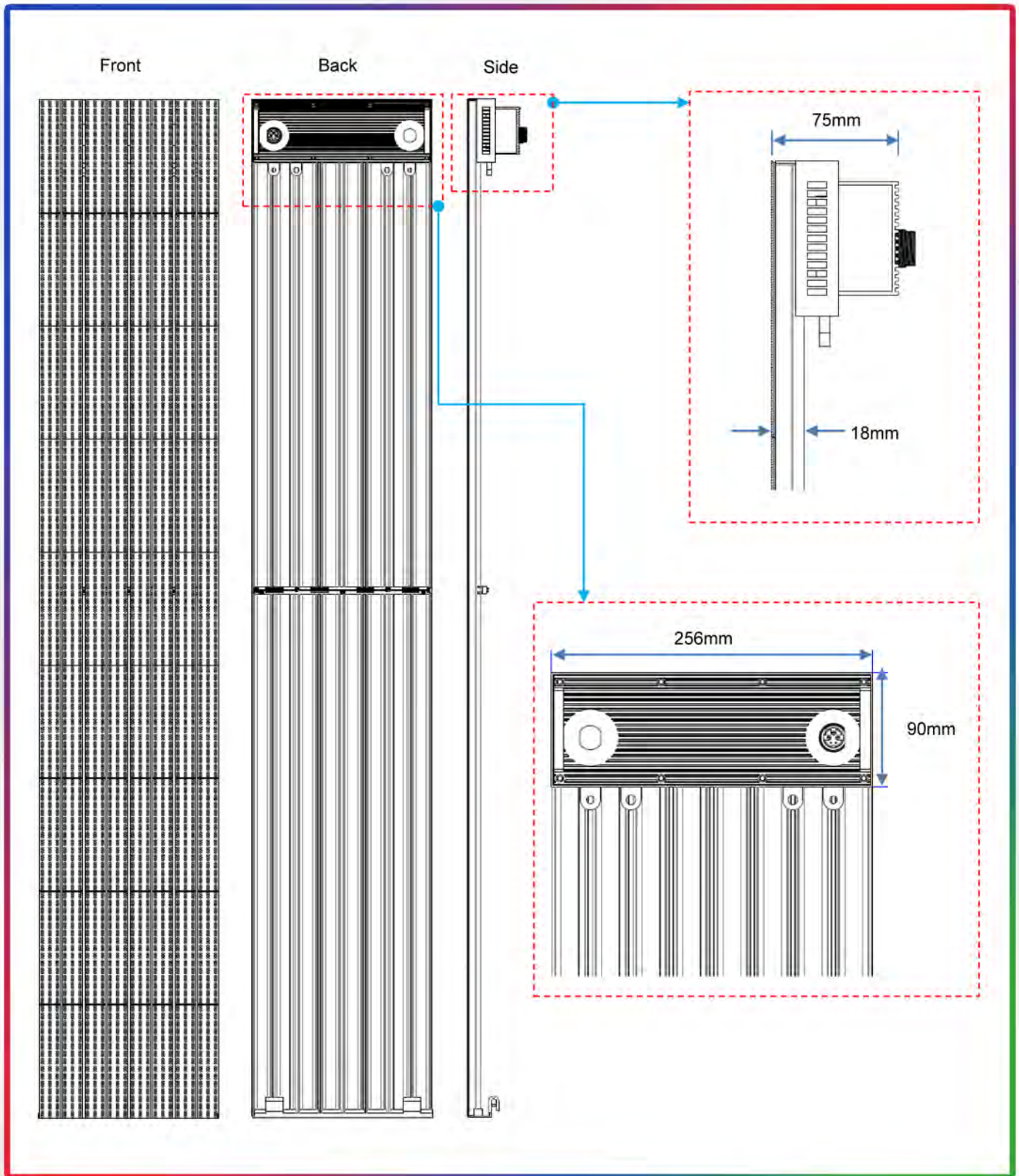


## 1.2 UNIT

SPECIFICATIONS	TRANSBAR P16
LED Configuration	IRIGIB
Unit Size	1536 x 256mm; 1024 x 256mm;
Pixel Pitch	16mm
Resolution	3906 px/m <sup>2</sup>
Resolution/unit	96px x 16px; 64px x 16px
Transparency	30%
Brightness	7500 nit
Weight	18kg/ m <sup>2</sup>
Max.Power Consumption	400w/m <sup>2</sup>
Stick Permutation	Vertical/Horizontal
Viewing Angle	H120°/V60°
Ingress Protection	IP66

## 1.3 SYSTEM PARAMETERS

Colour Temperature	3200k----9300k(Adjustable)
Voltage	AC220v/50HZ; AC110v/60HZ
Operating Time	≥ 72 hours
MTBF	≥ 10000 hours
Environmental	Temperature: -20 °Cto +60 °C; Humidity: 10%-90%
Colours	14 Bit Full Colour
Gray Scale	16384 grade
Frame Rate	60 Hz
Refresh Rate	1000 Hz



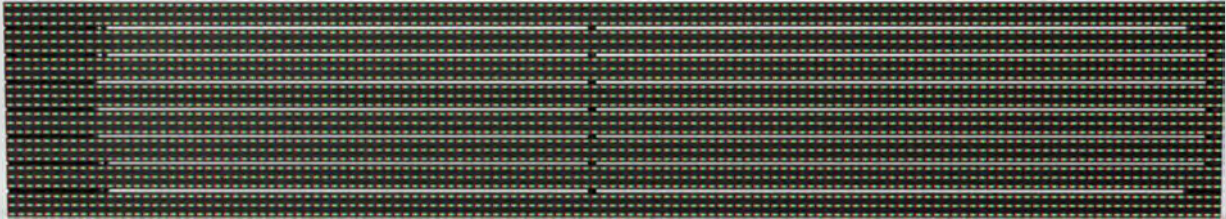
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## LIGHT WEIGHT

**Transbar 16:** 18kg/m<sup>2</sup> (Screen + structure)

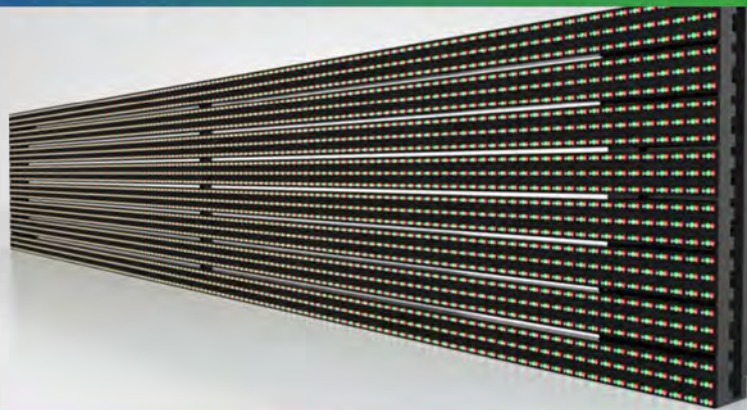
**Traditional cabinet:** 100-120kg/m<sup>2</sup> (Screen + structure)



## LOW POWER CONSUMPTION

**Transbar 16:**  
Max: 400W/m<sup>2</sup>  
Efficiency: 88%

**Traditional:**  
Max: 600-800W/m<sup>2</sup>  
Efficiency: 70%



## HIGHLY INTEGRATED

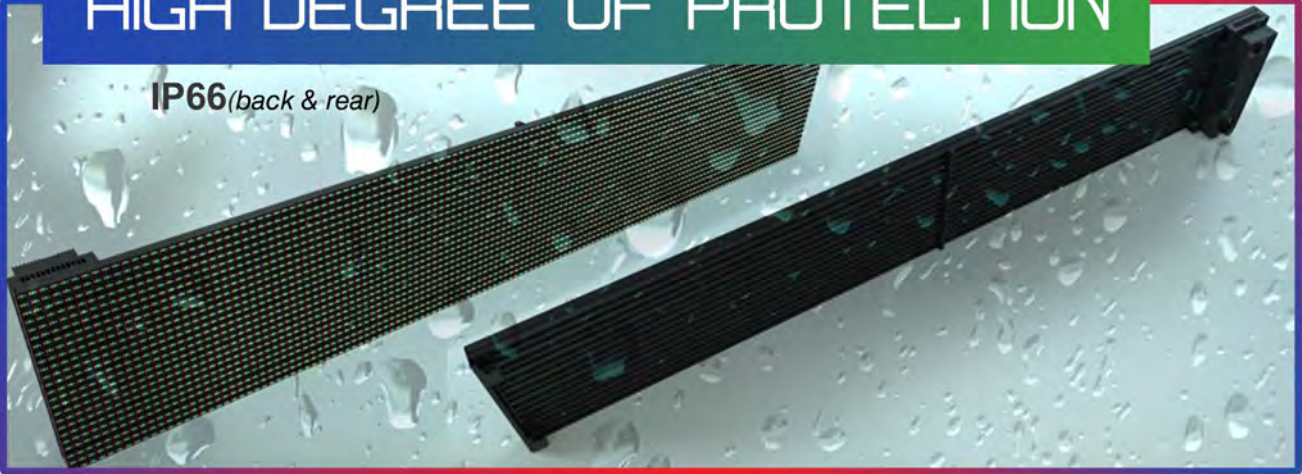


Built-in power supply  
and receiving card

Power & signal in  
one plug

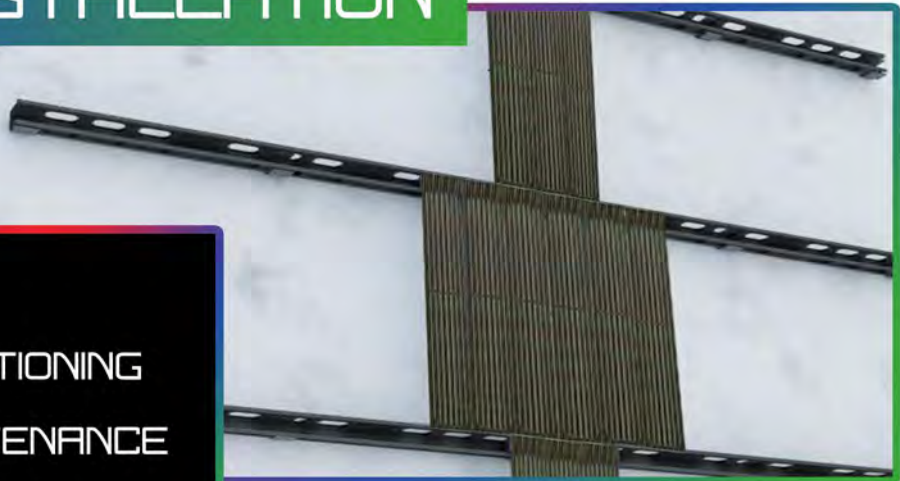
## HIGH DEGREE OF PROTECTION

IP66 (back & rear)



## EASY INSTALLATION

- ▶ NO STEEL
- ▶ NO AIR CONDITIONING
- ▶ FRONT MAINTENANCE
- ▶ + BACK MAINTENANCE



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