TF-20 II

Outdoor 20mm LED tile for fixed installation

Key features

- 6,600 nits brightness
- 4,000:1 contrast ratio
- 16-bit color processing
- 8-bit dimming
- 8° downward LED configuration
- Low power consumption
- Designed for remote management
- Designed for 24/7 operation
- Wide operating temperature
- Low weight
- First green modular LED tile on the market

GREEN

Barco's TF-20 II is a reliable LED tile that will cast powerful imagery in the best possible light. It offers 24/7 reliability at a competitive cost of ownership. With less power consumption and a lighter weight than similar products, Barco's TF-20 II is a perfect fit for digital signage and sports applications.

The TF-20 II's optimizations include environmentally friendly technologies that reduce light pollution, such as contrast-enhancing shaders that allow for lower brightness and lower power consumption as well as a higher visual performance and 8° downward angle on its LEDs. This ensures that light is targeted at your audience and less excess light is spilled, which leads to a lower power consumption and longer lifetime. This makes the TF-20 the first real green LED product in the market.
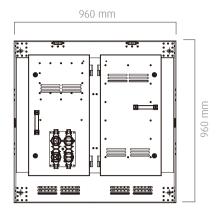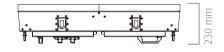
BARCO

Visibly yours

TF-20 II specifications

	TF-20 II
Pixel pitch	20 mm
Typical brightness (calibrated)	6,600 nits[1]
LED configuration	1R, 1G, 1B, tilted 8° downwards
LED density	7,513/m^2
Horizontal viewing angle	-70°/+70° color shift
Vertical viewing angle	-44°/+11° color shift
Typical power consumption	139 W/m^2
Typical heat dissipation	474 BTU/hr
Color processing	16-bit/color
Operating temperature[2]	-20° C to 45° C (-4° F to 113° F)
Operating humidity	10 to 99%
Weight/tile	38 kg (83.77 lbs)
Dimensions (HxMxD)	960 x 960 x 230 mm (37.8 x 37.8 x 9.1 inch)
Serviceability	Front or Back
Ruggedness (front/back)	IP65/IP54
Certification	CE/ETL/RohS, FCC Class A

[1] *On LED axis*

[2] *Ambient temperature*

960 mm

960 mm

230 mm

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