



Providing a pixel pitch of 5.9mm, the digiLED DLPo5.9 LED Module offers designers a rugged, high-resolution LED module. With black shell 3-in-1 SMD LEDs, the DLPo5.9 module offers designers and content creators a high definition image paired with a high contrast ratio for dynamic imagery.

The product works with a range of accessories including variable angle couplers (VAC) for up to 15° convex/concave screens, corner LED tiles for true right angled connections.

Further enhancing the user experience and reliability of the DLPo5.9 LED Module is the NovaStar processing for precise module-to-module calibration that ensures accurate color matching for an overall excellent image.

Optical

Pixel Configuration	IntelLed SMD
Pixel Pitch	5.9mm
Pixel Resolution (module)	84 x 84
Pixel Density (m2)	28,224 pixels
Brightness	≥6,000 cd/m2
Minimum Viewing Distance	5.9m (19.35')
Viewing Angle	H: 160° / V: 120°
Gray Scale (Maximum)	16 Bit

Physical

Module Height	500mm / 19.69"
Module Width	500mm / 19.69"
Module Depth	73mm / 2.9"
Module Area	0.25m2
Module Weight	6.6kg / 14.55lbs
Module Weight per m2	26.4kg / 58.20lbs
Maximum modules hung	N/A
Maximum modules stacked	N/A
Transparency	No

Environmental

Indoor/Outdoor	Indoor only
Input Voltage	110V-220V AC 50/60 Hz
Average Power Consumption	233W / m2
Max. Power Consumption	700W / m2
Power Connector	Neutrik
Ingress Protection Rating	Front: IP50 Back: IP50
Temperature Range	-20°C to +50°C
Humidity	10% to 90% Non-Condensing
Average No-Failure Time	<0.00003
Life Span	>100,000 Hours
Certification	CE, FCC, RoHS

Digital

Input source	DP, DVI and HDMI
Refresh Rate	>1,920 Hz
Driving Method	1/7 Scan
Control Distance	CAT5 Cable <100m; Single Mode Fiber: <10km