

## MODULE SPECIFICATIONS



# ELEMENT SERIES

## performance

### EXTERIOR LED PRODUCTS

<b>PRODUCT NAME</b>	EP-8.0-SMD-320X320-A
<b>PIXEL PITCH</b>	8 mm
<b>LED TYPE</b>	SMD
<b>BRIGHTNESS</b>	6500 Nits
<b>ASPECT RATIO</b>	1:1
<b>RESOLUTION / MODULE</b>	40 x 40 Pixels
<b>TOTAL PIXELS</b>	1,600 Pixels
<b>REFRESH RATE</b>	3840 Hz
<b>FRAMES PER SECOND</b>	50 FPS / 60 FPS
<b>COLOR DEPTH (BITS/ CHANNEL)</b>	14
<b>COLORS</b>	4.4 Trillion
<b>COLOR TEMPERATURE</b>	3,500K - 10,000K
<b>CONTRAST RATIO</b>	8000:1
<b>POWER</b>	110-240 VAC, 50/60 Hz
<b>MAX. POWER @100% FULL WHITE</b>	77 Watts
<b>TYPICAL POWER CONSUMPTION*</b>	23 Watts
<b>ANTICIPATED LIFETIME</b>	100,000 Hours
<b>DIMMING CAPABILITY</b>	1-100%, in 1% Increments
<b>VIEWING ANGLE HORIZONTAL</b>	140°
<b>VIEWING ANGLE VERTICAL</b>	140°
<b>HEIGHT</b>	12.6" (320mm)
<b>WIDTH</b>	12.6" (320mm)
<b>DEPTH</b>	5.4" (138mm)
<b>SERVICE ACCESS</b>	Front or Rear Access Available
<b>WEIGHT / MODULE</b>	6.3 Lbs(2.9 kg)
<b>OPERATING TEMPERATURE</b>	32° to 104°F (0° to 40°C )
<b>STORAGE TEMPERATURE</b>	-4° to 131°F (-20° to 55°C )
<b>CERTIFICATION</b>	EMC, ETL, CE, RoHS, FCC class A
<b>ENVIRONMENTAL RATING</b>	IP65/IP43 (Front/ Back)

Technical specifications are for reference and subject to change without prior notice. Please contact i5LED for further information. LED Type, Brightness, Refresh Rate, Color-Depth and various other specifications may be configured specifically to project requirements.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. (FCC 47 CFR § 15.105)