

MODULE SPECIFICATIONS



ELEMENT SERIES

performance

EXTERIOR LED PRODUCTS

PRODUCT NAME	EP-16-SMD-320X320-A
PIXEL PITCH	16 mm
LED TYPE	SMD
BRIGHTNESS	5500 Nits
ASPECT RATIO	1:1
RESOLUTION / MODULE	20 x 20 Pixels
TOTAL PIXELS	400 Pixels
REFRESH RATE	3840 Hz
FRAMES PER SECOND	50 FPS / 60 FPS
COLOR DEPTH (BITS/ CHANNEL)	14
COLORS	4.4 Trillion
COLOR TEMPERATURE	3,500K - 10,000K
CONTRAST RATIO	8000:1
POWER	110-240 VAC, 50/60 Hz
MAX. POWER @100% FULL WHITE	77 Watts
TYPICAL POWER CONSUMPTION*	23 Watts
ANTICIPATED LIFETIME	100,000 Hours
DIMMING CAPABILITY	1-100%, in 1% Increments
VIEWING ANGLE HORIZONTAL	140°
VIEWING ANGLE VERTICAL	140°
HEIGHT	12.6" (320mm)
WIDTH	12.6" (320mm)
DEPTH	5.4" (138mm)
SERVICE ACCESS	Front or Rear Access Available
WEIGHT / MODULE	6.3 Lbs(2.9 kg)
OPERATING TEMPERATURE	32° to 104°F (0° to 40°C)
STORAGE TEMPERATURE	-4° to 131°F (-20° to 55°C)
CERTIFICATION	EMC, ETL, CE, RoHS, FCC class A
ENVIRONMENTAL RATING	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)