

# MODULE SPECIFICATIONS



## ELEMENT SERIES

innovation

### EXTERIOR LED PRODUCTS

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)

PRODUCT NAME	EI-1.9-SMD-500X500-A
PIXEL PITCH	1.9 mm
LED TYPE	SMD
BRIGHTNESS	4000 Nits
ASPECT RATIO	1:1
RESOLUTION / MODULE	256 x 256 Pixels
TOTAL PIXELS	65,536 Pixels
REFRESH RATE	3840 Hz
FRAMES PER SECOND	60 FPS / 120 FPS
COLOR DEPTH (BITS/ CHANNEL)	16
COLORS	281.5 Trillion
POWER	110-240 VAC, 50/60 Hz
MAX. POWER @100% FULL WHITE	160 Watts
TYPICAL POWER CONSUMPTION*	48 Watts
ANTICIPATED LIFETIME	100,000 Hours
DIMMING CAPABILITY	1-100%, in 1% Increments
VIEWING ANGLE HORIZONTAL	160°
VIEWING ANGLE VERTICAL	160°
HEIGHT	19.7" (500mm)
WIDTH	19.7" (500mm)
DEPTH	3.7" (93mm)
SERVICE ACCESS	Front or Rear Access Available
WEIGHT / MODULE	17.6 Lbs(8 kg)
OPERATING TEMPERATURE	14° to 149°F (-10° to 65°C )
STORAGE TEMPERATURE	14° to 104°F (-10° to 40°C )
HEIGHT/PANEL	9.8" (250mm)
WIDTH/PANEL	9.8" (250mm)
RESOLUTION/PANEL	128 x 128 Pixels
CERTIFICATION	EMC, ETL, CE, RoHS, FCC class A
ENVIRONMENTAL RATING	IP65