

## RS Series

|                      |                                     |                                              |
|----------------------|-------------------------------------|----------------------------------------------|
| General information  | Model Number                        | IL-RSS-ORRS3.91-Turbo                        |
|                      | Pixel Pitch (mm)                    | 3.91mm                                       |
|                      | Enviroment                          | Outdoor                                      |
|                      | Physical Density (pixels/m2)        | 65,536 pixel/m <sup>2</sup>                  |
| LED                  | Configuration                       | 3 IN 1 SMD                                   |
|                      | Wavelength (pixels/m2)              | R: 620-625nm / G:510-535nm / B: 458-475nm    |
| Module               | Resolution (H x V pixels)           | 64x128pixels                                 |
|                      | Quantity                            | 4                                            |
|                      | Dimensions (H x V mm)               | 250x500mm                                    |
|                      | Dimensions (H x V inch)             | 9.84x19.69inch                               |
|                      | Weight (Kg)                         | 0.96                                         |
|                      | Weight (Lb)                         | 2.12                                         |
| Cabinet              | Resolution (H x V pixels)           | 128x256pixels                                |
|                      | Dimensions (H x V mm)               | 500x1000mm                                   |
|                      | Dimensions (H x V inch)             | 19.69x39.37inch                              |
|                      | Weight (Kg)                         | 8.7                                          |
|                      | Weight (Lb)                         | 19.18                                        |
|                      | Material                            | Die-casting Magnesium                        |
|                      | Maintenance Access                  | Front & Rear                                 |
|                      | Max. Rigging (Panel)                | 15                                           |
| Optical Parameters   | Brightness (After Calibration/nits) | 3000                                         |
|                      | Brightness Adjustment               | 0~100%, 256 levels                           |
|                      | Viewing Angle (°)                   | 160° / 140°                                  |
|                      | Contrast Ratio                      | 10000:1                                      |
|                      | Color Temperature (K)               | 6500K(3500K~9000K Adjustable)                |
|                      | Display Color (T)                   | 281T                                         |
|                      | Scan Rate                           | 1/8                                          |
|                      | Grayscale (Bits)                    | 16 bit                                       |
| Power Supply         | Max. Power Consumption (W/Panel)    | 300w/panel                                   |
|                      | Avg. Power Consumption (W/Panel)    | 100w/panel                                   |
|                      | Operating Power Source (V)          | 100-240V AC, 50/60Hz                         |
| Control System       | Frequency (Hz)                      | 50/60/100/120 Hz                             |
|                      | Refresh Rate (Hz)                   | 7680Hz                                       |
|                      | Control Mode                        | Synchronous display                          |
|                      | Signal Input Source                 | DVI, HDMI, DP, SDI                           |
|                      | Receiving Card                      | Novastar                                     |
|                      | Multiplex/Driver Chips              | PWM Driver Chip                              |
|                      | Control Distance (m>km)             | Ethernet cable≤100m or Fiber Optic≤15km      |
| Operating Conditions | Operating Temperature (°C)          | -20°C ~ +50°C                                |
|                      | Operating Humidity (%RH)            | 10-90%RH Non-condensing                      |
|                      | IP Rating (Front/Rear)              | IP65                                         |
|                      | LED Lifetime (h)                    | ≥100000h                                     |
|                      | Certifications                      | CE, FCC, ETL, RoHS, REACH, (WEEE in process) |