# LIGHTKING

# ES Series



| Part Number | ES10 | ES16 | ES(S)7 | ES(S)10 |
|---|---|---|---|---|
| Pixel pitch | 10mm | 16mm | 7.8mm | 10.4mm |
| LED type | DIP346 | DIP346 | SMD2727(White) | SMD2727(White) |
| Pixel configuration | 1R1G1B | 1R1G1B | 1R1G1B | 1R1G1B |
| Size of module | 320mmx320mm | 320mmx320mm | 250mmx250mm | 250mmx250mm |
| Resolution of module | 32x32 | 20x20 | 32x32 | 24x24 |
| Density(dots/m$^2$) | 10000 | 3906 | 16384 | 9216 |
| Cabinet material | Alu | Alu | Alu | Alu |
| Size of cabinet(mm) | 1280x960x86.5 | 1280x960x86.5 | 1000x1000x83 | 1000x1000x83 |
| Weight of cabinet | 34.5KG | 31.7KG | 24KG | 24KG |
| Support hanging or not | No | No | No | No |
| Max power consumption | 480/330W/m$^2$ | 350W/m$^2$ | 630W/m$^2$ | 750W/m$^2$ |
| Average power consumption | 160/110W/m$^2$ | 120W/m$^2$ | 210W/m$^2$ | 250W/m$^2$ |
| Colors | 16.7M | 16.7M | 16.7M | 16.7M |
| Gray scale | 16bits | 14bits | 14bits | 14bits |
| Color temperature | 3000-10000K | 3000-10000K | 3000-10000K | 3000-10000K |
| Driving method | 1/4 scanning | Static scanning | 1/4 scanning | 1/2 scanning |
| Refresh frequency | 1920Hz | 1920Hz | 1920Hz | 1920Hz |
| Brightness | 7500cd/m$^2$ | 8000/10000cd/m$^2$ | 5500cd/m$^2$ | 5500cd/m$^2$ |
| Brightness control | 256 grade | 256 grade | 256 grade | 256 grade |
| IP grade | IP65 | IP65 | IP65 | IP65 |