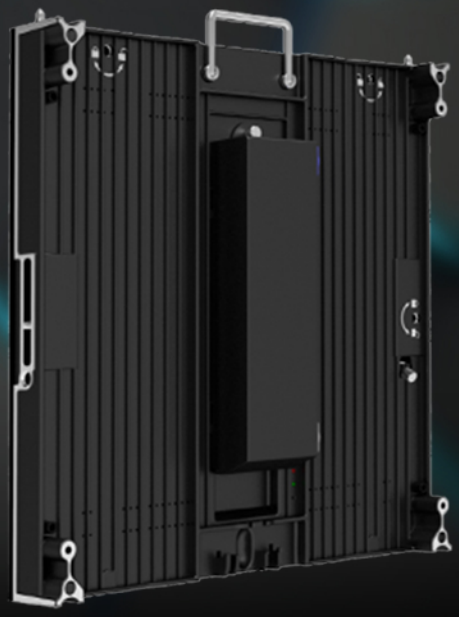
LIGHTKING

# RC(F) Series



| Part Number | RC(F)1.9 | RC(F)2.5 | RC(F)2 | RC(F)3 | RC(F)4 | RC(F)6 |
|---|---|---|---|---|---|---|
| Pixel pitch | 1.9mm | 2.5mm | 2.8mm | 3.9mm | 4.8mm | 6.2mm |
| LED type | SMD1515(Black) | SMD1515(Black) | SMD2020(Black) | SMD2020(Black) | SMD2020(Black) | SMD2727(White) |
| Pixel configuration | 1R1G1B | 1R1G1B | 1R1G1B | 1R1G1B | 1R1G1B | 1R1G1B |
| Size of module | 250mmx250mm | 250mmx250mm | 250mmx250mm | 250mmx250mm | 250mmx250mm | 250mmx250mm |
| Resolution of module | 128x128 | 100x100 | 88x88 | 64x64 | 52x52 | 40x40 |
| Density(dots/$m^2$) | 262144 | 160000 | 123904 | 65536 | 43264 | 25600 |
| Cabinet material | Die-casting | Die-casting | Die-casting | Die-casting | Die-casting | Die-casting |
| Size of cabinet(mm) | 500x500x82.5 | 500x500x82.5 | 500x500x82.5 | 500x500x82.5 | 500x500x82.5 | 500x500x82.5 |
| Support hanging or not | Yes | Yes | Yes | Yes | Yes | Yes |
| Weight of cabinet | 8.3KG | 8.3KG | 8.3KG | 8.3KG | 8.3KG | 8.3KG |
| Max power consumption | 600W/$m^2$ | 600W/$m^2$ | 600W/$m^2$ | 600W/$m^2$ | 600W/$m^2$ | 600W/$m^2$ |
| Average power consumption | 200W/$m^2$ | 200W/$m^2$ | 200W/$m^2$ | 200W/$m^2$ | 200W/$m^2$ | 200W/$m^2$ |
| Colors | 16.7M | 16.7M | 16.7M | 16.7M | 16.7M | 16.7M |
| Gray scale | 16bits | 16bits | 16bits | 16bits | 14bits | 14bits |
| Color temperature | 3000-10000K | 3000-10000K | 3000-10000K | 3000-10000K | 3000-10000K | 3000-10000K |
| Driving method | 1/32 scanning | 1/25 scanning | 1/22 scanning | 1/16 scanning | 1/13 scanning | 1/10 scanning |
| Refresh frequency | 3000Hz | 3000Hz | 3000Hz | 3000Hz | 1920Hz | 1920Hz |
| Brightness | 800cd/$m^2$ | 800cd/$m^2$ | 900cd/$m^2$ | 900cd/$m^2$ | 900cd/$m^2$ | 1200cd/$m^2$ |
| Brightness control | 256 grade | 256 grade | 256 grade | 256 grade | 256 grade | 256 grade |
| IP grade | IP30 | IP30 | IP30 | IP30 | IP30 | IP30 |