

R7-IP20 Series is a High Power RGB IP20 Rated LED rigid Strips suitable for domestic, commercial and retail internal lighting applications.

- Energy Saving
- Compact strip with Nationstar LED Technology
- 50k hours working life
- High Reliability
- High Efficiency
- 36 LEDs per 500mm
- Cuttable every 83.3mm
- 110° beam angle

Applications

- Architectural Lighting
- Cabinet Lighting
- Mood Lighting
- Cove Lighting
- Under Cabinet Lighting
- Bookshelf Lighting
- Back Lighting



High Power IP20 Rated Energy Saving RGB LED Rigid Strip

★ Strip Specification

Part Number	R7-RGB5050-24-36-IP20
Power	20.16W per metre
Input	24V
Input Current	0.6A
LED Type	Nationstar FM-5050RGBK-HH
LEDs Per 500mm	36
Cuttable Length	Every 83.3mm
Luminous Flux	60lm/W

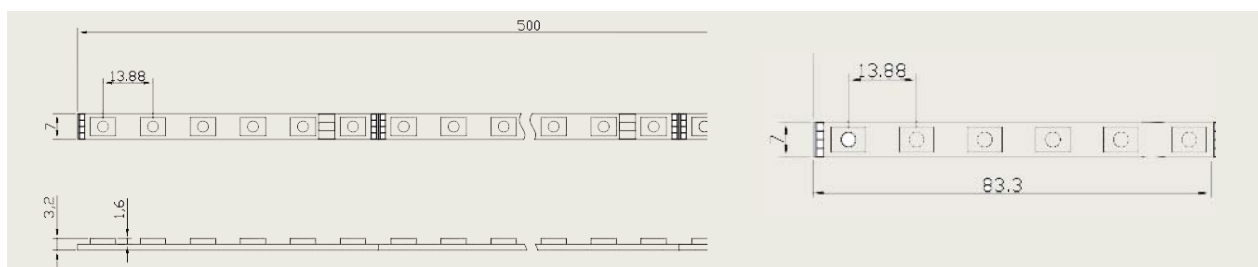
Beam Angle	110°
IP Rating	IP20
Weight	20g
Length	500mm
Operating Temperature	-25°C~+85°C
Storage Temperature	-40°C~+85°C
Lifetime	50K Hours
Dimensions	L500 x W7 x H4mm

★ LED Specification

Forward Current	70mA/3 Chips
Pulse Forward Current	100mA/3 Chips
Reverse Voltage	5V/3 Chips
Power Dissipation	Red: 48mW/3 Chips Green: 72mW/3 Chips Blue: 72mW/3 Chips
Luminous Intensity	Red: 300mcd Green: 1320mcd Blue: 285mcd
Operating Temperature	-30°C~+85°C
Storage Temperature	-40°C~+85°C

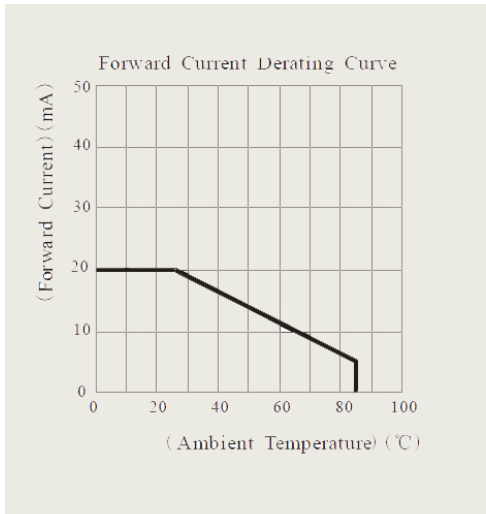


IP20

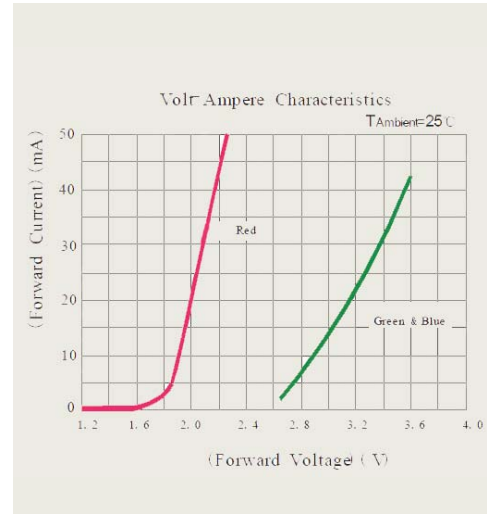


High Power IP20 Rated Energy Saving RGB LED Ridgid Strips

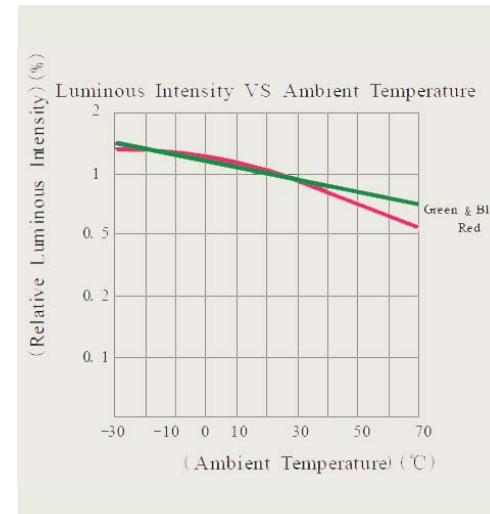
★ Derating Curve



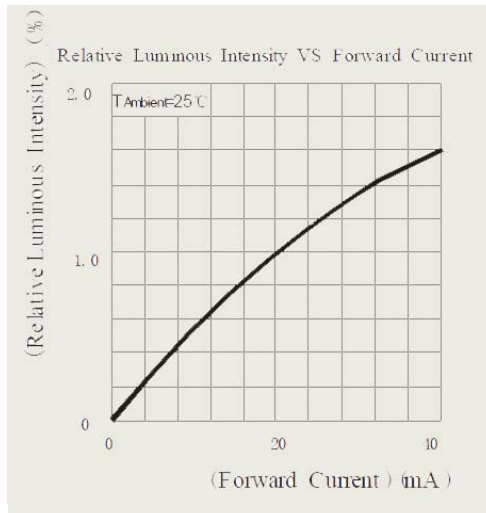
★ Volt-Ampere Characteristics



★ Luminous Intensity Vs Ambient Temperature



★ Luminous Intensity Vs Forward Current



★ Spatial Distribution

