

R6-IP20 Series is a range of High Power 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
- 42 LEDs per 500mm
- Cuttable every 71.4mm
- 110° beam angle

Applications

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

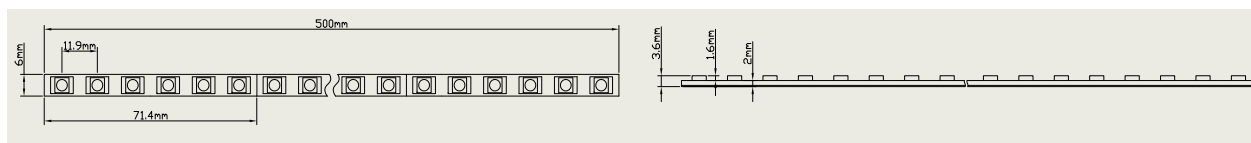


High Power IP20 Rated Energy Saving LED Rigid Strips

★ Strip Specification

Power	20.16W per metre
Input	24V
LED Type	Nationstar
LEDs Per 500mm	42
Cuttable Length	Every 71.4mm
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 W6 x H3.2mm



Part number	LED Type	Colour
R6-W5050-24-42-IP20	Nationstar FM-T5050WLD-460M	3000K (warm white)
R6-C5050-24-42-IP20	Nationstar FM-T5050WNS-460R	5000K (cool white)

★ LED Specification

Forward Current	75mA/3 Chips
Pulse Forward Current	Cool White: 300mA/3 Chips Warm White: 200mA/3 Chips
Reverse Voltage	5V/3 Chips
Power Dissipation	Cool White: 270W/3 Chips Warm White: 300W/3 Chips
Luminous Intensity	Cool White: 9300mcd Warm White: 5300mcd
Operating Temperature	-30°C~+85°C
Storage Temperature	-40°C~+85°C

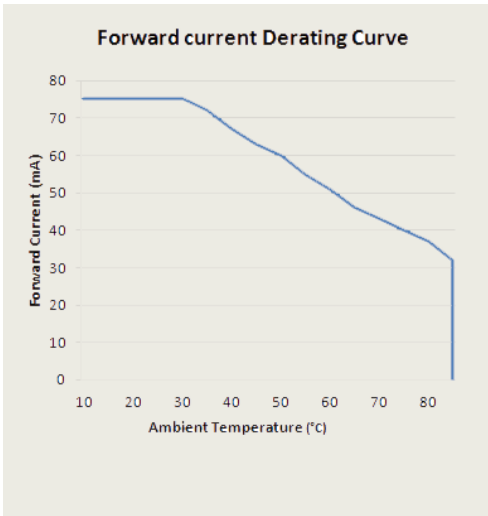


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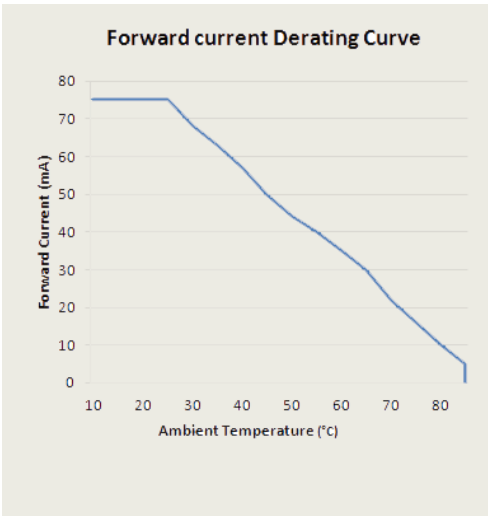
High PowerIP20 Rated Energy Saving LED Ridgid Strips

★ Derating Curve

R6-W5050-24-42-IP20

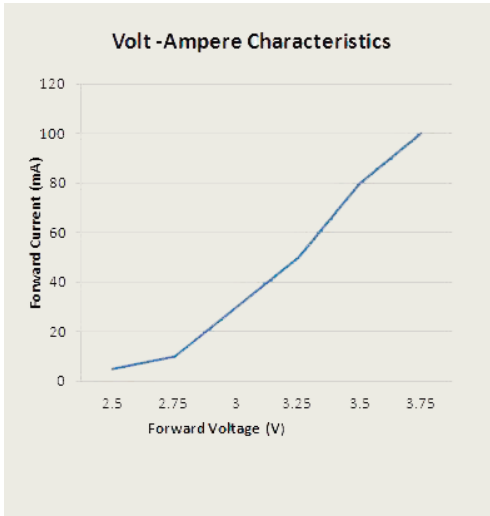


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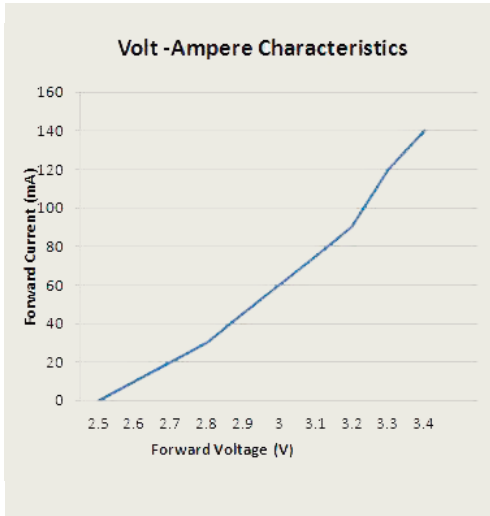


★ Volt-Ampere Characteristics

R6-W5050-24-42-IP20

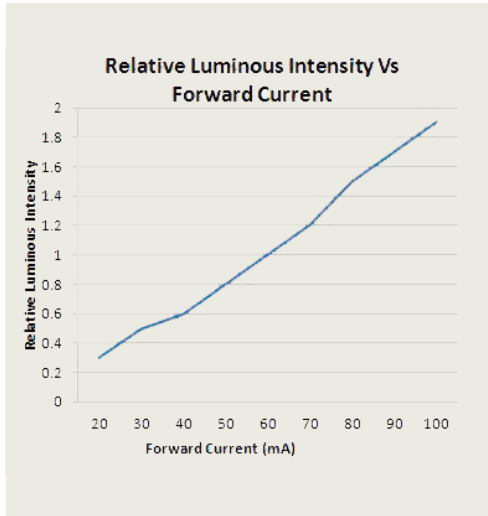


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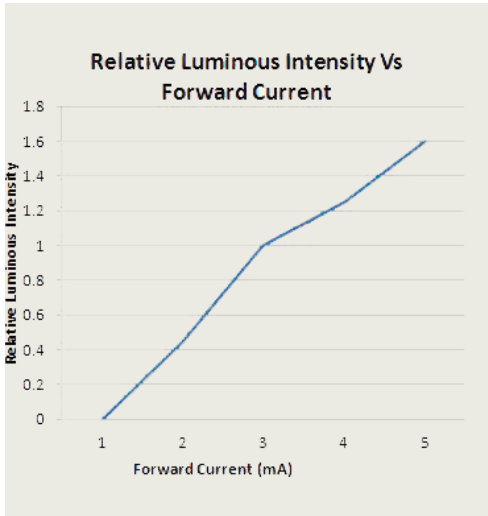


★ Luminous Intensity Vs Forward Current

R6-W5050-24-42-IP20

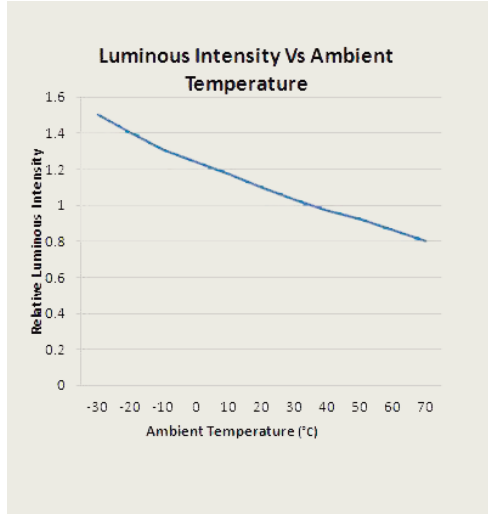


R6-C5050-24-42-IP20



★ Luminous Intensity Vs Ambient Temperature

R6-W5050-24-42-IP20



R6-C5050-24-42-IP20

