



Hi-Power LED PAR20 Light Bulbs – 80 to 260VAC

PAR20-9W-XxW-003S



Consumes Less than 7 Watts – Direct Drop-In Replacement of Halogens up to 40W – Up to 90% Power Savings

3000K or 6000K White — E26/E27 Base — 45° Medium Spotlight

FEATURES

- **Lamp Warranty:** 3 Years
- **Flexible Voltage:** 80-260VAC
- **Solid-State:** Fast Turn-On, No Power Surge
- **Replaces** 30-40 Watt Incandescent PAR20 Lamps
- **White LED Operating Life:** 50,000+ hrs (5.7+ years)
- **Sturdily Built:** UV-Stabilized Plastic Lens, Metal Body
- **Highest-Grade LEDs:** Uses CREE XR-E that Meet LM-79/LM-80
- **Optimally Designed** for Linear and Switching “Clean” Power Supplies
- **High CRI** of up to 85 Enhances All Colors
- **Safety Assurance:** ROHS Compliant



Non-Dimmable

Ideal for Use with Alternate or Renewable Energy Resources – Solar & Wind Power

BENEFITS

- **Major Power Savings:** Up to 90% over Halogens
- **Clean Light:** Constant Light Output, No Halation
- **Emissions-Free:** No Ultraviolet, No Infrared
- **Reduces Light Pollution:** “Dark Skies” Initiative-Compatible
- **High Shock / Vibration Resistant,** Both Electrical and Mechanical
- **Easy Installation** Using Existing PAR20 or PAR/MR20 Fixtures
- **Stays Cooler** than Comparable PAR20 Bulbs

APPLICATIONS

- Track Lighting
- Spot Lighting
- Display / Cabinet Lighting
- Architectural Lighting
- Art Gallery and Museum Lighting



SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO.	PAR20-9W-XxW-003S
Input Voltage	80 - 260VAC
Beam Pattern	45° - 50°
Ambient Operating Temp.	~-22°F to ~+122°F (~-30°C to ~+50°C)
Dimensions	Length 3.50" x Width 2.36" [8.9cm x 6.0cm]

PART NUMBER	INPUT CURRENT	ENERGY USED type / max	EFFICACY	TOTAL LUMENS	MAXIMUM CANDELA	CRI	COLOR TEMP.	EMITTED COLOR
PAR20-9W-XIW-003S	0.072A	5.6 / 7.0 Watts	46.3 lm/W	259.5 lm	403 cd	85	3000K-3200K	Warm White
PAR20-9W-XPW-003S	0.106A	6.5 / 7.0 Watts	53.5 lm/W	347.9 lm	530 cd	76	5500K-6350K	Pure White

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THE FUTURE OF LIGHT

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PAR20-9W-XIW-003S

Luminaire Photometric Report

Filename: PAR20-9W-XIW-003S
 Manufacturer: LEDTRONICS -
 Luminaire: WITH LED LENS, 120VAC, 5.6W
 Luminaire Cat: PAR20-9W-XIW-003S
 Lamp: LUMEN RATING: 259,5Lms.
 Lamp Output: 1 lamp(s), rated lamp lumens: 259.5
 Max Candela: 403.0 at Horizontal: 0, Vertical: 0
 Luminous Opening: Point
 Test: 3-17-09

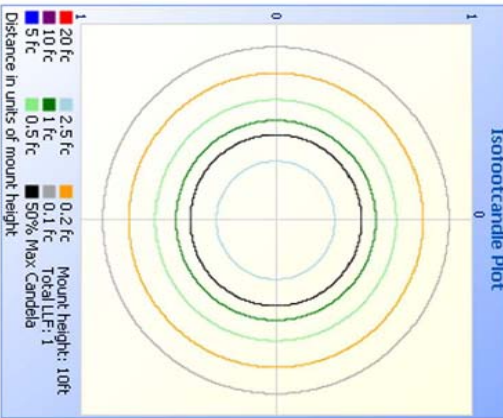
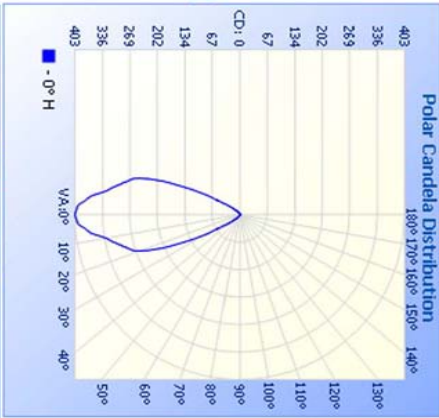
Flood Summary

Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	87.1%	226.1	73.8
Beam (50%):	57.4%	148.9	47.1
Total:	100%	259.5	47.1

Illuminance at a Distance

Center Beam FC	Beam Width
1.7ft	1.5ft
3.3ft	2.9ft
5.0ft	4.4ft
6.7ft	5.8ft
8.3ft	7.3ft
10.0ft	8.7ft

Beam Spread: 47.1°



PAR20-9W-XPW-003S

Luminaire Photometric Report

Filename: PAR20-9W-XPW-003S
 Manufacturer: LEDTRONICS -
 Luminaire: WITH LED LENS, 120VAC, 6.5W
 Luminaire Cat: PAR20-9W-XPW-003S
 Lamp: LUMEN RATING: 347.9Lms.
 Lamp Output: 1 lamp(s), rated lamp lumens: 347.9
 Max Candela: 530.0 at Horizontal: 0, Vertical: 0
 Luminous Opening: Point
 Test: 3-18-09

Flood Summary

Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	88.5%	307.8	73.7
Beam (50%):	62.5%	217.4	48.6
Total:	100%	347.9	48.6

Illuminance at a Distance

Center Beam FC	Beam Width
1.7ft	1.5ft
3.3ft	3.0ft
5.0ft	4.5ft
6.7ft	6.0ft
8.3ft	7.5ft
10.0ft	9.0ft

Beam Spread: 48.6°

