



LED PAR Floodlights, COB, Dimmable

6, 13 & 18 Watts – 120VAC – Medium Beam – E26 Base – 3000K or 6000K White



FEATURES

- 5 Year LEDtronics Warranty
- Energy Savings of up to 80% over Halogens
- Lumen Maintenance over 70% @ 40,000+ Hours
- Direct Retrofit into E26/E27 Screw Base Fixtures
- Dimmable with Triac Dimmers
- High CRI, High Lumen COB LEDs
- UL Listed (E346695), RoHS Compliant
- Even Lighting, No Buzzing, No Flickering
- No UV/IR Radiation, No Toxic Mercury or Lead

APPLICATIONS

- Track and Accent Lighting
- Security or Emergency Light
- General/Architectural & Landscape Lighting
- Display-Case Fixtures / Cabinet Lighting
- Industrial OEM Equipment Lighting
- Bio-Medical and Medical Applications
- Museums/Galleries
- Theatrical Effects Lighting

Over 35 Years of LEDtronics Design, Engineering & Manufacturing Experience

40° Medium Beam



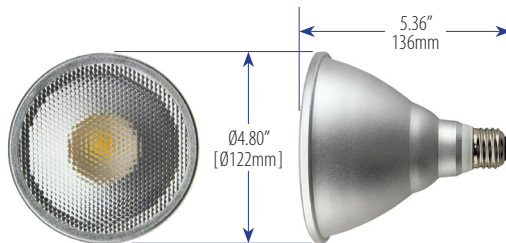
18 Watts, Replaces Halogen Lamps up to 100W

PAR38C-18WP-XIW-120AMD (Warm White)

PAR38C-18WP-XNW-120AMD* (Natural White)

PAR38C-18WP-XPW-120AMD (Pure White)

Emitted Color	Warm White	Natural White	Pure White
Color Temperature	3000K~3200K	4000K	5000K~6000K
Input Power	18 Watts		
Input Voltage	90~135VAC (Tested @ 120VAC)		
Input Current	0.150A	0.155A	0.160A
Power Factor	1.0		
Total Lumens	1590 lm	1923 lm	1760 lm
Efficacy	90 lm/W	106 lm/W	95 lm/W
Max. Candela	2070 cd	2430 cd	2370 cd
CRI	>80		
Illumination Angle	40°		
Oper. Temperature	14°F ~113°F / -10°C ~45°C		
Protection Rating	IP20 (Indoor Use Only)		
Body	1070 Aluminum Alloy / Silver		
Lens	Polycarbonate / Clear, Prismatic		
Base	E26/E27 Edison Screw		
Dimmability	8%-100%, Triac		
Dimensions	5.36 x Ø4.80 inch / 136 x Ø122 mm		
Net Weight	0.80 lb / 362.9 g		



*Title 20 Compliant

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America's Premium Brand LED Company™



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Check LEDTRONICS.COM for latest data.
Printed material may be outdated.

PAR38C-18WP-XIW-120AMD

Filename: **PAR38C-18WP-XIW-120AMD**
 Manufacturer: LEDTRONICS -
 Luminaire: PRISMATIC LENS, 17.6, 120VAC
 Luminaire Cat: PAR38C-18WP-XIW-120AMD
 Lamp: LUMEN RATING: 1591.1Lms.
 Lamp Output: 1 lamp(s), rated Lumens/lamp: 1591.1
 Max Candela: 2,068.0 at Horizontal: 0°, Vertical: 0°
 Luminous Opening: Point
 Test: 2-2-15
 Photometry: Type C
 CIE Class: Direct
 Cutoff Class: Cutoff
 Nema Type: 5X 5

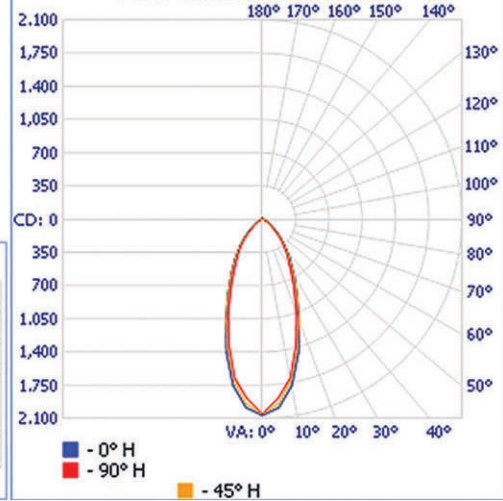
Illuminance at a Distance

Center Beam FC

Beam Width

1.7ft	744.48 fc	1.3ft	1.2ft
3.3ft	186.12 fc	2.7ft	2.5ft
5.0ft	82.72 fc	4.0ft	3.7ft
6.7ft	46.53 fc	5.3ft	4.9ft
8.3ft	29.78 fc	6.6ft	6.2ft
10.0ft	20.68 fc	8.0ft	7.4ft

Vert. Spread: 43.5° Horiz. Spread: 40.7°

Polar Candela Distribution**PAR38C-18WP-XNW-120AMD**

Filename: **PAR38C-18WP-XNW-120AMD**
 Manufacturer: LEDTRONICS
 Luminaire: CLEAR LENS, 18.1W, 120VAC
 Lamp Output: 1 lamp(s), rated Lumens/lamp: 1922.6
 Max Candela: 2,430.0 at Horizontal: 0°, Vertical: 0°
 Luminous Opening: Point
 Test: 2-22-16
 Photometry: Type C
 CIE Class: Direct
 Cutoff Class: Cutoff
 Nema Type: 5X 5

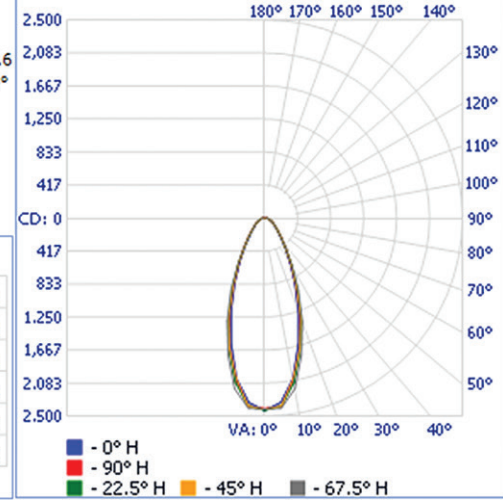
Illuminance at a Distance

Center Beam FC

Beam Width

1.7ft	874.80 fc	1.2ft	1.3ft
3.3ft	218.70 fc	2.5ft	2.6ft
5.0ft	97.20 fc	3.7ft	3.9ft
6.7ft	54.68 fc	5.0ft	5.2ft
8.3ft	34.99 fc	6.2ft	6.5ft
10.0ft	24.30 fc	7.5ft	7.7ft

Vert. Spread: 41.0° Horiz. Spread: 42.4°

Polar Candela Distribution**PAR38C-18WP-XPW-120AMD**

Filename: **PAR38C-18WP-XPW-120AMD**
 Manufacturer: LEDTRONICS
 Luminaire: PRISMATIC LENS, 18.6W, 120VAC
 Lamp Output: 1 lamp(s), rated Lumens/lamp: 1758.8
 Max Candela: 2,368.0 at Horizontal: 0°, Vertical: 0°
 Luminous Opening: Point
 Test: 2-11-16
 Photometry: Type C
 CIE Class: Direct
 Cutoff Class: Cutoff
 Nema Type: 5X 5

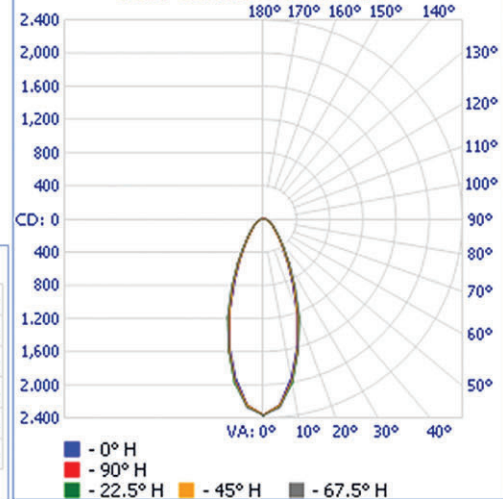
Illuminance at a Distance

Center Beam FC

Beam Width

1.7ft	852.48 fc	1.2ft	1.2ft
3.3ft	213.12 fc	2.4ft	2.5ft
5.0ft	94.72 fc	3.7ft	3.7ft
6.7ft	53.28 fc	4.9ft	5.0ft
8.3ft	34.10 fc	6.1ft	6.2ft
10.0ft	23.68 fc	7.3ft	7.5ft

Vert. Spread: 40.3° Horiz. Spread: 40.9°

Polar Candela Distribution

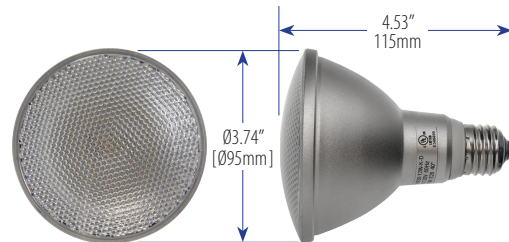


13 Watts, Replaces Halogen
Lamps up to 60W

PAR30C-12WP-XIW-120AMD (Warm White)

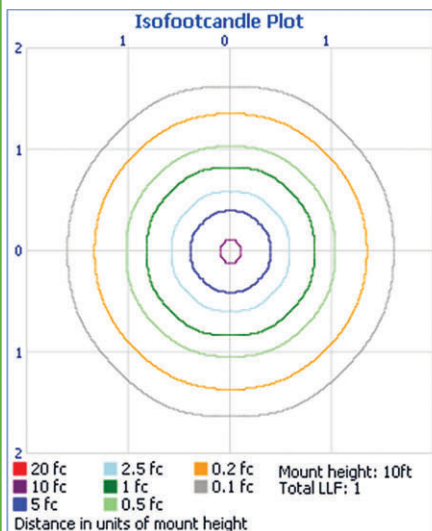
PAR30C-12WP-XPW-120AMD (Pure White)

Emitted Color	Warm White	Pure White
Color Temperature	3000K~3200K	5000K~6000K
Input Power	13 Watts	
Input Voltage	90~135VAC (Tested @ 120VAC)	
Input Current	0.112A	
Power Factor	1.0	
Total Lumens	977 lm	1032 lm
Efficacy	75 lm/W	79 lm/W
Max. Candela	1044 cd	1080 cd
CRI	≥80	
Illumination Angle	40°	
Oper. Temperature	-4°F ~+113°F / -20°C ~+45°C	
Protection Rating	IP20 (Indoor Use Only)	
Body	Aluminum Alloy / Silver	
Lens	Polycarbonate / Clear, Prismatic	
Base	E26/E27 Edison Screw	
Dimmability	8%-100%, Triac	
Dimensions	4.53 x Ø3.74 inch / 115 x Ø95 mm	
Net Weight	0.44 lb / 199.6 g	



PHOTOMETRIC REPORT:

PAR30C-12WP-XPW-120AMD

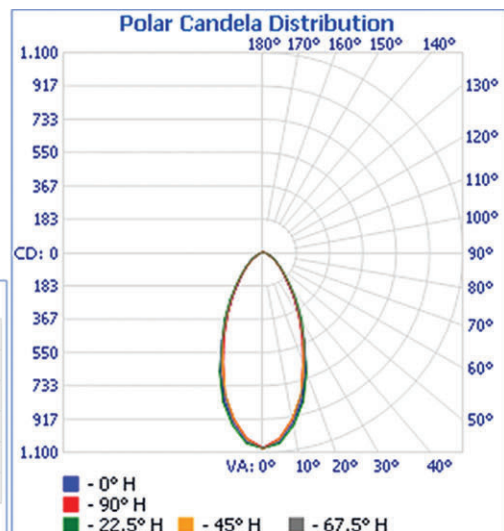


Filename: **PAR30C-12WP-XPW-120AMD**
 Manufacturer: LEDTRONICS
 Luminaire: PRISMATIC LENS, 13W, 120VAC
 Lamp Output: 1 lamp(s), rated Lumens/lamp: 1032.4
 Max Candela: 1,080.0 at Horizontal: 45°, Vertical: 0°
 Luminous Opening: Point
 Test: 2-16-16
 Photometry: Type C
 CIE Class: Direct
 Cutoff Class: Cutoff
 Nema Type: 6 X 6

Illuminance at a Distance

Center Beam FC	Beam Width	Beam Width
1.7ft	388.08 fc	1.5ft 1.5ft
3.3ft	97.02 fc	3.1ft 3.0ft
5.0ft	43.12 fc	4.6ft 4.4ft
6.7ft	24.26 fc	6.1ft 5.9ft
8.3ft	15.52 fc	7.7ft 7.4ft
10.0ft	10.78 fc	9.2ft 8.9ft

Vert. Spread: 49.5° Horiz. Spread: 47.8°





40°
Medium Beam

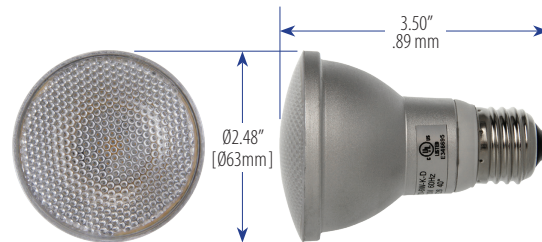
6 Watts, Replaces Halogen
Lamps up to 50W



PAR20C-6WP-XIW-120AMD (Warm White)

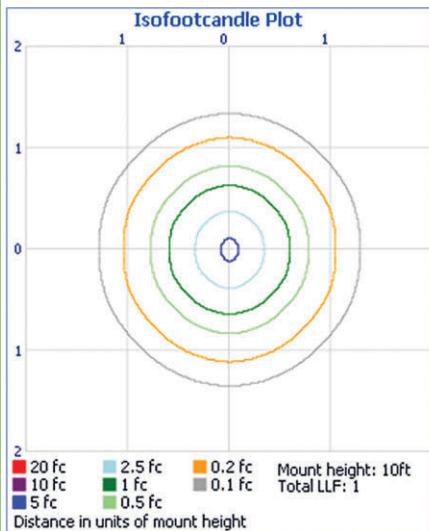
PAR20C-6WP-XPW-120AMD (Pure White)

Emitted Color	Warm White	Pure White
Color Temperature	3000K	5000K
Input Power	6 Watts	
Input Voltage	90~135VAC (Tested @ 120VAC)	
Input Current	0.06A	
Power Factor	0.88	
Total Lumens	558 lm	673 lm
Efficacy	87 lm/W	105 lm/W
Max. Candela	550 cd	642 cd
CRI	≥80	
Illumination Angle	40°	
Oper. Temperature	-4°F ~ +113°F / -20°C ~ +45°C	
Protection Rating	IP20 (Indoor Use Only)	
Body	1070 Aluminum / Silver Color	
Lens	Polycarbonate / Clear, Prismatic	
Base	E26/E27 Edison Screw	
Dimmability	8%-100%, Triac	
Dimensions	3.50 x Ø2.48 inch / 89 x Ø63 mm	
Net Weight	0.25 lb / 113.4 g	



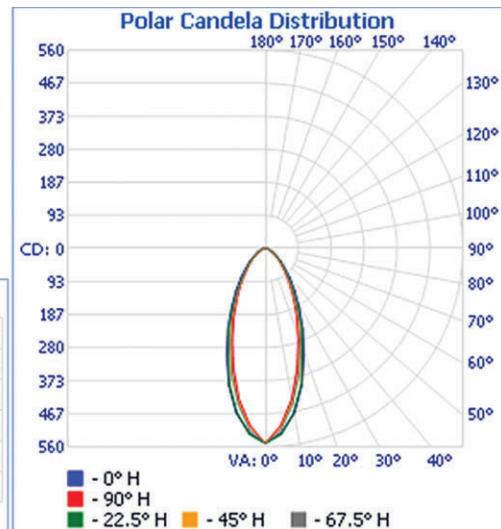
PHOTOMETRIC REPORT:

PAR20C-6WP-XIW-120AMD



Filename: PAR20C-6WP-XIW-120AMD
 Manufacturer: LEDTRONICS
 Luminaire: PRISMATIC LENS, 6.4W, 120VAC
 Lamp Output: 1 lamp(s), rated Lumens/lamp: 466.8
 Max Candela: 550.4 at Horizontal: 67.5°, Vertical: 0°
 Luminous Opening: Point
 Test: 2-16-16
 Photometry: Type C
 CIE Class: Direct
 Cutoff Class: Cutoff
 Nema Type: 5X 6

Illuminance at a Distance		
Center Beam FC	Beam Width	
1.7ft	198.11 fc	1.4ft 1.2ft
3.3ft	49.53 fc	2.9ft 2.4ft
5.0ft	22.01 fc	4.3ft 3.6ft
6.7ft	12.38 fc	5.7ft 4.8ft
8.3ft	7.92 fc	7.1ft 6.0ft
10.0ft	5.50 fc	8.6ft 7.2ft
Vert. Spread: 46.4° Horiz. Spread: 39.8°		



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