



Right-Angled LED Retrofit Paddle Lamps

27 to 113 Watts – 100~277VAC – 2700K & 3000K White – 90°x150° Beam – Rotating E39 Base – UL



FEATURES

- 5 Year LEDtronics Warranty
- Energy Savings up to 85% over HID Lamps
- High Lumen & CRI, 90°x150° Wide Beam
- Lumen Maintenance over 70% @ 50,000 Hours
- Adjustable Mogul Base Rotates 270 Degrees
- Usable in Enclosed Luminaires
- Internal Driver, Wide Input Voltage Range
- No UV/IR, No Mercury or Lead, ROHS Compliant
- Solid State – High Shock/Vibration Resistant
- UL/cUL Classified & Listed
- LED LM79 Reports on File

APPLICATIONS

Fits Varied Fixtures to Replace Traditional MH & HPS Lamps:

- Street Cobraheads
- Shoebox Luminaires
- Canopies & Wall Packs
- Outdoor & Covered Parking Areas
- Driveway & Walkway Lighting
- Security Flood Lighting

AVAILABLE OPTIONS

- Other CCT Colors: 4000K, 5000K & 5700K
- E26 Medium Base

40 Years of LEDtronics Design, Engineering & Manufacturing Experience

WWW.LEDTRONICS.COM

LOG 709 / Rev 01 - 2023

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 Printed material may be outdated.



For Optimum Performance,
Minimum Cavity Space:
17.3" x 10.2" x 10.2"
(440 x 260 x 260mm)

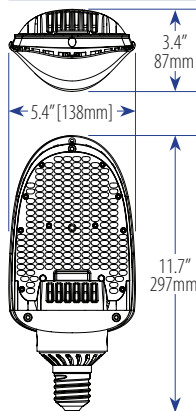
TOP VIEW



Horizontal Orientation Only, Facing Downward

E39
Rotatable
Base

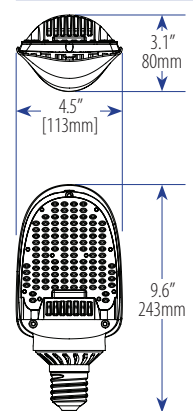
LEDRA44: 75 to 115 Watts



BOTTOM VIEW

- Input Voltage** 100~277VAC
- Beam Angle** 90°x150°
- Dimmability** Not Dimmable
- Housing Material** Magnesium Alloy & Aluminum
- Housing Color** Black & Silver
- Lens** Polycarbonate, Type III, Clear
- Operating Temp.** -4°F ~ 113°F / -20°C ~ 45°C
- Protection Rating** IP51, UL Damp Listed

LEDRA36: 27 to 54 Watts



LEDTRONICS

America's Premium Brand LED Company™



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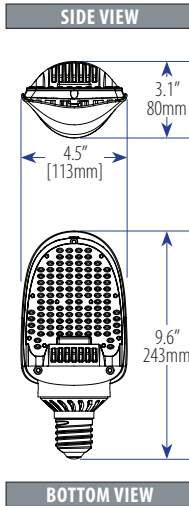
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Right-Angled LED Paddle Lamp Retrofit Kits, E39 Base: 27, 36 & 53 Watts

27 Watts, Replaces MH/HPS Lamps up to 70W

LEDRA36-027WE39-**XHW**-101A (Halogen White)
LEDRA36-027WE39-**XIW**-101A (Warm White)

	XHW	XIW
Input Power	27 Watts	26 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)	
Input Current	0.23A	0.218A
Total Lumens	2622 lm	2888 lm
Efficacy	97 lm/W	110 lm/W
Max. Candela	1280 cd	1342 cd
Power Factor	0.99	1.0
CRI	>70	
Beam Angle	90° x 150°	
Emitted Color	'Halogen' White	Warm White
CCT	2700K	3000K
Housing	Magnesium Alloy & Aluminum / Black & Silver	
Lens	Polycarbonate, Type III, Clear	
Dimmability	Not Dimmable	
Base	E39 Mogul Screw	
Oper. Temp.	-4°F ~+113°F / -20°C ~+45°C	
Protection Rating	IP51, UL Damp Listed	
Dimensions (LxWxH)	9.6 x 4.5 x 3.1 inch / 243 x 113 x 80 mm	
Weight	1.5 lbs / 0.68 Kg	



36 Watts, Replaces MH/HPS Lamps up to 100W

LEDRA36-036WE39-**XHW**-101A (Halogen White)
LEDRA36-036WE39-**XIW**-101A (Warm White)

	XHW	XIW
Input Power	36 Watts	
Input Voltage	100~277VAC (Tested @ 120VAC)	
Input Current	0.30A	
Total Lumens	3810 lm	4118 lm
Efficacy	106 lm/W	113 lm/W
Max. Candela	1831 cd	1914 cd
Power Factor	0.99	1.0
CRI	>70	
Beam Angle	90° x 150°	
Emitted Color	'Halogen' White	Warm White
CCT	2700K	3000K
Housing	Magnesium Alloy & Aluminum / Black & Silver	
Lens	Polycarbonate, Type III, Clear	
Dimmability	Not Dimmable	
Base	E39 Mogul Screw	
Oper. Temp.	-4°F ~+113°F / -20°C ~+45°C	
Protection Rating	IP51, UL Damp Listed	
Dimensions (LxWxH)	9.6 x 4.5 x 3.1 inch / 243 x 113 x 80 mm	
Weight	1.51 lbs / 0.69 Kg	

53 Watts, Replaces MH/HPS Lamps up to 175W

LEDRA36-054WE39-**XHW**-101A (Halogen White)
LEDRA36-054WE39-**XIW**-101A (Warm White)

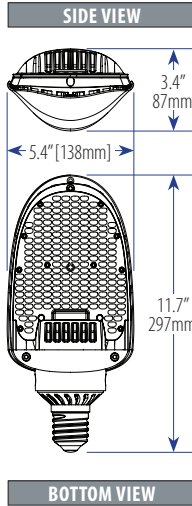
	XHW	XIW
Input Power	52 Watts	53 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)	
Input Current	0.43A	0.447A
Total Lumens	4893 lm	5842 lm
Efficacy	95 lm/W	102 lm/W
Max. Candela	2509 cd	2592 cd
Power Factor	0.99	1.0
CRI	>70	
Beam Angle	90° x 150°	
Emitted Color	'Halogen' White	Warm White
CCT	2700K	3000K
Housing	Magnesium Alloy & Aluminum / Black & Silver	
Lens	Polycarbonate, Type III, Clear	
Dimmability	Not Dimmable	
Base	E39 Mogul Screw	
Oper. Temp.	-4°F ~+113°F / -20°C ~+45°C	
Protection Rating	IP51, UL Damp Listed	
Dimensions (LxWxH)	9.6 x 4.5 x 3.1 inch / 243 x 113 x 80 mm	
Weight	1.63 lbs / 0.74 Kg	

Right-Angled LED Paddle Lamp Retrofit Kits, E39 Base: 74, 94 & 113 Watts

For protected bulbs, part number is denoted with **X** – 075WEX39
Part numbers for non-protected bulbs are without **X** – 0115WE39



LEDRA44 Series Kits Include a Lanyard Safety Cable



74 Watts, Replaces MH/HPS Lamps up to 250W

LEDRA44-075WE39-**XHW**-101A (Halogen White)
LEDRA44-075WE39-**XIW**-101A (Warm White)

	XHW	XIW
Input Power	73 Watts	74 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)	
Input Current	0.60A	0.614A
Total Lumens	6639 lm	9206 lm
Efficacy	91 lm/W	124 lm/W
Max. Candela	2417 cd	4099 cd
Power Factor	0.99	1.0
CRI	>70	
Beam Angle	90° x 150°	
Emitted Color	'Halogen' White	Warm White
CCT	2700K	3000K
Housing	Magnesium Alloy & Aluminum / Black & Silver	
Lens	Polycarbonate, Type III, Clear	
Dimmability	Not Dimmable	
Base	E39 Mogul Screw	
Oper. Temp.	-4°F ~+113°F / -20°C ~+45°C	
Protection Rating	IP51, UL Damp Listed	
Dimensions (LxWxH)	11.7 x 5.4 x 3.4 inch / 297 x 138 x 87 mm	
Weight	2.81 lbs / 1.28 Kg	

94Watts, Replaces MH/HPS Lamps up to 320W

LEDRA44-095WE39-**XHW**-101A (Halogen White)
LEDRA44-095WE39-**XIW**-101A (Warm White)

	XHW	XIW
Input Power	93 Watts	94 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)	
Input Current	0.77A	0.780A
Total Lumens	7400 lm	10748 lm
Efficacy	80 lm/W	114 lm/W
Max. Candela	3225 cd	4510 cd
Power Factor	0.99	1.0
CRI	>70	
Beam Angle	90° x 150°	
Emitted Color	'Halogen' White	Warm White
CCT	2700K	3000K
Housing	Magnesium Alloy & Aluminum / Black & Silver	
Lens	Polycarbonate, Type III, Clear	
Dimmability	Not Dimmable	
Base	E39 Mogul Screw	
Oper. Temp.	-4°F ~+113°F / -20°C ~+45°C	
Protection Rating	IP51, UL Damp Listed	
Dimensions (LxWxH)	11.7 x 5.4 x 3.4 inch / 297 x 138 x 87 mm	
Weight	2.84 lbs / 1.29 Kg	

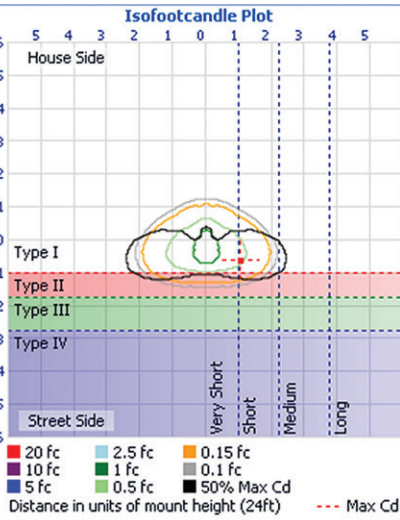
113 Watts, Replaces MH/HPS Lamps up to 400W

LEDRA44-115WE39-**XHW**-101A (Halogen White)
LEDRA44-115WE39-**XIW**-101A (Warm White)

	XHW	XIW
Input Power	109 Watts	113 Watts
Input Voltage	100~277VAC (Tested @ 120VAC)	
Input Current	0.90A	0.944A
Total Lumens	8419 lm	12608 lm
Efficacy	77 lm/W	111 lm/W
Max. Candela	3677 cd	5985 cd
Power Factor	0.99	1.0
CRI	>70	
Beam Angle	90° x 150°	
Emitted Color	'Halogen' White	Warm White
CCT	2700K	3000K
Housing	Magnesium Alloy & Aluminum / Black & Silver	
Lens	Polycarbonate, Type III, Clear	
Dimmability	Not Dimmable	
Base	E39 Mogul Screw	
Oper. Temp.	-4°F ~+113°F / -20°C ~+45°C	
Protection Rating	IP51, UL Damp Listed	
Dimensions (LxWxH)	11.7 x 5.4 x 3.4 inch / 297 x 138 x 87 mm	
Weight	2.88 lbs / 1.30 Kg	

LEDRA36-027WE39-XHW-101A

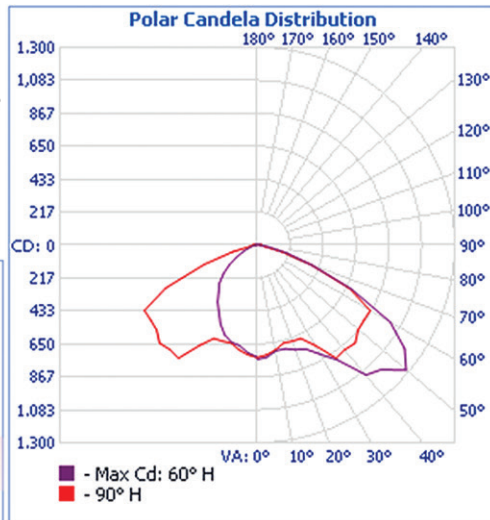
Filename: LEDRA36-027WE39-XHW-101A
Manufacturer: LEDTRONICS
Luminaire: CLEAR LENS,27.1W,120VAC
Lamp Output: 1 lamp, rated Lumens/lamp: 2621.9
Max Candela: 1,280.0 at Horizontal: 60°, Vertical: 50°
Luminous Opening: Point
Test: 2-8-17
Photometry: Type C
CIE Class: Direct
Cutoff Class: Cutoff
Nema Type: 7 X 6



Illuminance at a Distance

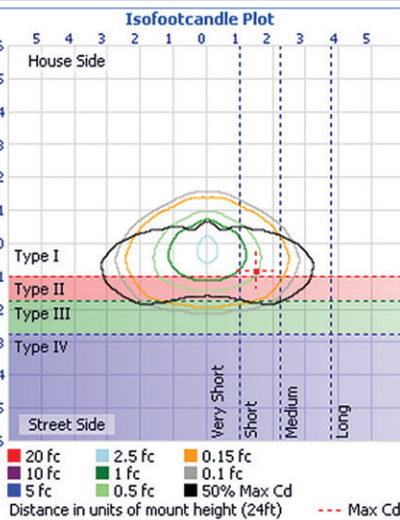
Center Beam fc	Beam Width
4.0R 48.5 fc	5.3 ft 16.8 ft
8.0R 12.1 fc	10.6 ft 33.5 ft
12.0R 5.4 fc	15.8 ft 50.3 ft
16.0R 3.0 fc	21.1 ft 67.1 ft
20.0R 1.9 fc	26.4 ft 83.9 ft
24.0R 1.3 fc	31.7 ft 100.6 ft

Vert. Spread: 66.8° Horiz. Spread: 129.0°



LEDRA44-075WE39-XHW-101A

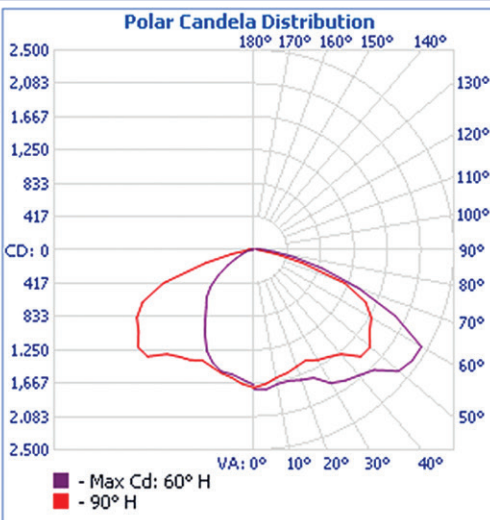
Filename: LEDRA44-075WE39-XHW-101A
Manufacturer: LEDTRONICS
Luminaire: DROP LENS,72.6W,120VAC
Lamp Output: 1 lamp, rated Lumens/lamp: 6639.2
Max Candela: 2,417.0 at Horizontal: 60°, Vertical: 60°
Luminous Opening: Point
Test: 1-24-17
Photometry: Type C
CIE Class: Direct
Cutoff Class: Cutoff
Nema Type: 7 X 7



Illuminance at a Distance

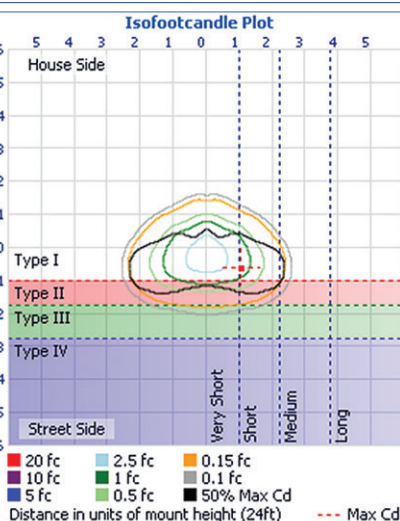
Center Beam fc	Beam Width
4.0R 110.4 fc	7.8 ft 21.0 ft
8.0R 27.6 fc	15.6 ft 42.0 ft
12.0R 12.3 fc	23.3 ft 63.0 ft
16.0R 6.9 fc	31.1 ft 84.1 ft
20.0R 4.4 fc	38.9 ft 105.1 ft
24.0R 3.1 fc	46.7 ft 126.1 ft

Vert. Spread: 88.4° Horiz. Spread: 138.3°



LEDRA44-95WE39-XHW-101A

Filename: LEDRA44-095WE39-XHW-101A
Manufacturer: LEDTRONICS
Luminaire: DROP LENS,92.8W,120VAC
Lamp Output: 1 lamp, rated Lumens/lamp: 7399.7
Max Candela: 3,225.0 at Horizontal: 60°, Vertical: 50°
Luminous Opening: Point
Test: 2-10-17
Photometry: Type C
CIE Class: Direct
Cutoff Class: Cutoff
Nema Type: 7 X 6



Illuminance at a Distance

Center Beam fc	Beam Width
4.0R 135.4 fc	6.4 ft 16.4 ft
8.0R 33.8 fc	12.8 ft 32.8 ft
12.0R 15.0 fc	19.2 ft 49.1 ft
16.0R 8.5 fc	25.6 ft 65.5 ft
20.0R 5.4 fc	32.0 ft 81.9 ft
24.0R 3.8 fc	38.4 ft 98.3 ft

Vert. Spread: 77.3° Horiz. Spread: 127.9°

