



TRACE LITE
commercial & industrial lighting

barrontg.com

**Complete fixture and pole packages.
Lumen packages 60,000 lumens.
4" or 5" Square steel poles - 20', 25' and 30'.
Field switchable CCT & wattage.
DesignLights Consortium® PREMIUM Qualified.**

PKR SERIES RXAR LED AREA LIGHT & POLE KIT

The PKR Series is an RXAR LED area luminaire and pole kit. RXAR features a sleek low-profile housing design in lumen packages ranging from 6,200 to 62,400 lumens. Its high-efficiency light engine is designed for optimal light control and illumination with four distribution types in two physical sizes. The RXAR family provides substantial energy savings with zero uplight and efficacies up to 172 LPW. The RXAR ships standard with a 5" arm and is designed for ease of installation on included poles. This product is ideal for large areas such as parking lots, walkways, roadways, etc.

Fixture Specs at a Glance

Model	RXAR-100	RXAR-140	RXAR-250	RXAR-300	RXAR-400
Wattage*	40W-60W-80W-100W (Switchable)	60W-90W-120W-140W (Switchable)	100W-150W-200W-250W (Switchable)	120W-180W-240W-300W (Switchable)	300W-320W-360W-400W (Switchable)
Lumens (lm)	6,400 - 16,000	9,600 - 23,000	14,500 - 38,000	18,000 - 46,000	46,000 - 60,000
Efficacy (LPW)	up to 170	up to 172	up to 161	up to 169	up to 167
Distribution	Type II, III, IV, V				
CCT (K)	3000K-4000K-5000K (Switchable)				4000K-5000K (Switchable)
CRI	>80				
Input Voltage	120-277VAC or 347/480VAC				
Operating Temp	-40°C to 45°C				-40°C to 40°C
Certifications	UL Listed for Wet Locations, IP65, DLC PREMIUM				
Warranty	5 Years				
Weight	12.0 lbs	12.4 lbs	17.4 lbs	18.0 lbs	18.5 lbs

* Nominal Wattage. Tested at 4000K CCT, 120-277VAC, Type III distribution. See performance table for more detailed lumen information.

Note: Environment and application will affect actual performance. Typical values and 25°C used for testing.

Pole Specs at a Glance

	20.0'	25.0'	30.0'
Nominal Height	20.0'	25.0'	30.0'
Diameter	4.0"	4.0"	5.0"
Gauge	11 GA	11 GA	7 GA
Handhole Size	3.0" x 5.0"		
Anchor Bolt	.75" x 17" x 3"	.75" x 30" x 3"	1" x 36" x 4"
Bolt Circle Range	8" - 11"	8" - 11"	10.6" - 12"
Bolt Circle	9.5"	9.5"	11.3"
Max EPA (ft.2): 80 MPH	9.6	5	10.7
Max EPA (ft.2): 90 MPH	6.7	2.6	6.7
Max EPA (ft.2): 100 MPH	4.5	1	3.9
Weight	138 lbs	170 lbs	380 lbs
Warranty	1 Year		

Notes:

- Please verify wind load ratings at project location to determine if EPA meets local code.
- Barron Lighting Group is not responsible for pole foundation design.
- Freight allowed on all orders exceeding (5) 20-foot poles, (4) 25-foot poles or (3) 30-foot poles.
- Consult factory in areas where wind loading exceeds 100 mph.

See RXAR [specification sheet](#) for UL Listed and DLC qualified nomenclature

Ordering Information (Example: PKR252-250-3-VS-CP-BR + PKR25-ANCKIT)

Series ¹	Wattage, Size	Distribution	Input Voltage	CCT	Finish
PKR201 = 20' Pole, 1 Head	100 = 40-100W, Small	2 = Type II	HVS ² = 347/480VAC	CP ³ = CCT & Power Switchable	BL ² = Black
PKR202 = 20' Pole, 2 Head	140 = 60-140W, Small	3 = Type III	VS = 120-277VAC		BR = Bronze
PKR203 = 20' Pole, 3 Head	250 = 100-250W, Large	4 = Type IV			SV ^{2,4} = Gray Aluminum
PKR204 = 20' Pole, 4 Head	300 = 120-300W, Large	5 = Type V			WH ² = White
PKR251 = 25' Pole, 1 Head	400 = 300-400W, Large				
PKR252 = 25' Pole, 2 Head		Options			
PKR253 = 25' Pole, 3 Head		TLPC = 120-277VAC 3-Pin Twist Lock Photocontrol and Receptacle			
PKR254 = 25' Pole, 4 Head		TLPC3 = 120-277VAC 7-Pin Twist Lock Photocontrol and Receptacle			
PKR301 = 30' Pole, 1 Head		TLPC4 = 347-480VAC 3-Pin Twist Lock Photocontrol and Receptacle			
PKR302 = 30' Pole, 2 Head					
PKR303 = 30' Pole, 3 Head		Anchor Kit⁵ (Mandatory Selection - Order as Separate Line Item)			
PKR304 = 30' Pole, 4 Head		PKR20-ANCKIT = 20' Pole Anchor Kit (4) 3/4" x 17" x 3" Anchor Bolts, (2) Nuts and Washers per bolt, (1) Template - 9.5" BC			
		PKR25-ANCKIT = 25' Pole Anchor Kit (4) 3/4" x 30" x 3" Anchor Bolts, (2) Nuts and Washers per bolt, (1) Template - 9.5" BC			
		PKR25-ANCKIT = 30' Pole Anchor Kit (4) 1" x 36" x 4" Anchor Bolts, (2) Nuts and Washers per bolt, (1) Template - 11.3" BC			

Notes

- Fixture and pole shipped separately
- 70 CRI only, longer lead times may apply, consult factory
- 400W selectable between 4000K/5000K, static 3000K option available
- Consult factory for lead time
- Order as separate line item, requires one (1) per pole ordered
- Order as separate line item

LiteLogic Accessories⁶ (Field Installed)

- LE-MS3W-BL-AUX-HB1 = Bluetooth PIR Motion Sensor with Daylight Harvesting, Black
- TL-MSP12-BL = Dimming Occupancy Sensor, PIR, Black Finish
- TL-MSSW-REMOTE = Remote for Sensor
- TLPR = 120-277VAC 3-Pin Twist Lock Photocontrol and Receptacle
- TLPR7 = 120-277VAC 7-Pin Twist Lock Photocontrol and Receptacle
- TLPRH = 347-480VAC 3-Pin Twist Lock Photocontrol and Receptacle



Specifications are subject to change without notice. Installation must be performed in accordance with Barron Lighting Group installation instructions.

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