

# Cree® RUL Series

LED Rural Utility Luminaire



## SUPERIOR UTILITY LED LIGHTING FOR LESS

### Unrivaled Performance

One of the main advantages of LED lighting is a substantial reduction of power consumption compared to incumbent technology. The RUL Series delivers optimized target illumination and has industry-leading efficacy — 114 lumens per watt — to improve overall energy efficiency leading to a significant reduction in energy costs.

### Unexpected Value

Keeping budgets in mind, we are offering an economic solution that has a low initial cost and delivers a rapid payback. The benefit of LED lighting is that you see the savings for years to come, with significantly reduced maintenance cycles and energy savings up to 66 percent compared to incumbent technology. Plus, there are kit options for added convenience.

### Exceptional Reliability

Virtually maintenance-free, the RUL™ LED Rural Utility Luminaire is designed to last up to 100,000 hours to  $L_{70}$  — eliminating unnecessary truck rolls. The RUL™ luminaire has fewer components, solder joints and is free of electrolytic capacitors. The simplicity in this design makes for a more reliable luminaire, and that's why we can offer our industry-leading 10-year limited warranty.

**CREE** 

## CHANGING YOUR OUTLOOK ON UTILITY LIGHTING.

From rural street lighting to storage facilities, the RUL Series outperforms incumbent technology by providing superior illumination and economic performance for municipalities and utilities resulting in expedient payback with less than half the wattage of comparable traditional solutions.

PERFORMANCE SUMMARY
<b>Input Power:</b> 50W
<b>Efficacy:</b> 114 Lumens per Watt (LPW)
<b>CRI:</b> Minimum 70 CRI
<b>CCT:</b> 3000K (+/- 300K), 4000K (+/- 300K)
<b>Input Voltage:</b> 120V, 60Hz
<b>Weight:</b> 3.75 lbs.; RUL-ARM24 & ES-K1: add 1.82 lbs.; ES-K2: add 3.07 lbs.
<b>Dimensions:</b> 15" L x 6.9" W x 3.8" H (includes NEMA® Receptacle)
<b>Limited Warranty†:</b> 10 years on luminaire and photocell/7 years on arm mount/ 5 years on reflector/refractor

† See [lighting.cree.com/warranty](http://lighting.cree.com/warranty) for warranty terms

ORDERING INFORMATION		
Product Number	Description	UPC
RULHT2MEC40K-12UFNES-K1	RUL, Horizontal Tenon, Type-2, 40K, 120V, NEMA® Receptacle, 10kV Surge Protector, Arm, 7' Cord & Photocell	849665009924
RULHT2MEC40K-12UFNES-K2	<b>ES-K2:</b> also includes a Reflector / Refractor	849665010456
RULHT5MEC40K-12UFNES-K1	RUL, Horizontal Tenon, Type-5, 40K, 120V, NEMA® Receptacle, 10kV Surge Protector, Arm, 7' Cord & Photocell	849665009931
RULHT5MEC40K-12UFNES-K2	<b>ES-K2:</b> also includes a Reflector / Refractor	849665010463
RULHT2MEC40K-12UFN	RUL, Horizontal Tenon, Type-2, 40K, 120V, NEMA® Receptacle	849665006367
RULHT5MEC40K-12UFN	RUL, Horizontal Tenon, Type-5, 40K, 120V, NEMA® Receptacle	849665006374
RUL-ARM24	Rural 24" Arm Accessory	849665006732

PRODUCT COMPARISON			
Data	Cree RUL Series 50W	High Pressure Sodium* 100W	Mercury Vapor* 175W
CRI	70	22	25
CCT	3000K, 4000K	2100K	5700K
System Watts	50	130	210
<b>Annual Energy Cost Savings**</b>		<b>Cree Savings:</b> \$38 per luminaire	<b>Cree Savings:</b> \$77 per luminaire

\*Based on typical parameters

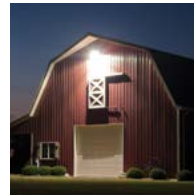
\*\* Based on \$0.11 per kWh, 12 hours of daily operation and luminaire's system watts.

### APPLICATIONS



#### Rural Street Lighting

Virtually maintenance-free, the RUL™ LED Rural Utility Luminaire is designed to last 100,000 hours. Now, maintenance crews can focus on more important projects than replacing lamps in wide-spread areas — saving miles on their tires.



#### Residential Security

Security is a major concern in residential areas. And while we can't prevent crime from happening, we can ensure you have ample light where it's needed — discouraging potential criminals from stopping by.



#### Loading/Receiving Areas

Accidents happen, but we're here to help reduce them in loading and receiving areas. With improved visibility, you can see incoming vehicles and surrounding areas better to avoid unsafe situations.

### INSTALLATION MADE EASY



Tool-less entry and just two lag bolts make installation simple



ES-K2 includes a NEMA® style reflector/refractor. Compatible with ANSI C136.6 reflectors/refractors.



Arm Mount: RUL-ARM24 Mounts to wood poles



NEMA® Receptacle and Utility Label come standard

Visit [lighting.cree.com](http://lighting.cree.com) or contact a Cree lighting representative to learn more

[info@cree.com](mailto:info@cree.com) | 800.236.6800

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