

Cree Urban Series

CIRCULAR - LED Lantern (Side arm mounting)

Product Description

A variety of LED decorative luminaires that range from a classic, elegant design to a more essential and modern one, conceived for urban decor lighting projects. Each lantern model has a particular style optimised for day-time and nightscape appearance, featuring an easy installation mounting system. Capable of saving more than 50 percent energy compared to traditional source technologies, the Cree Urban Series luminaires also provide improved lighting quality that contributes to creating a safe and inviting site.

Applications: historic urban settings, plazas and parks, residential roadways and walkways, seafronts.

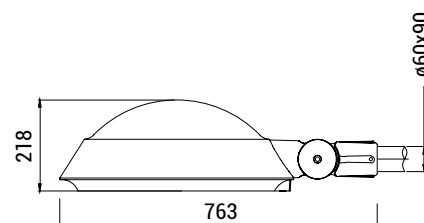
Performance Summary

NanoOptic® Precision Delivery Grid™ optic

CRI: Minimum 70 CRI

CCT: 3000K or 4000K or 5700K

Limited Warranty*: 5 years on luminaire



Ordering Information Example: UCRA3210A30K+24BKFA901												
U	CR	A	3	210	A	30K	+	24	BK	FA9	01	
Product	Model	Version	Mounting	Optic	Input Power Designator	CCT	Insulation Class	Voltage	Color Options	Options	Cable length	
U	CR Circular	A	3 Side arm	2LG Type II Long 275 Type II Short 0.75 210 Type II Short 1.0 2SH Type II Short 3SH Type III Short 3ME Type III Medium 4ME Type IV Medium 5ME Type V Medium 5SH Type V Short	A 45W	30K 3000K 40K 4000K 57K 5700K	+ Class 1 ^ Class 2	24 220-240V	BK Black	FA# Field Adjustable Output VM# Virtual Midnight	01 Exit cable 50cm (w/connector)	

* See www.cree.com/lighting/products/warranty for warranty terms



www.cree-europe.com

Ph. +39 055 343081 Fax +39 055 34308200

Rev. Date: 19 May 2017



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Product Specifications

LED lantern featuring a modern round design and multiple mounting options. Powered by Cree technology and featuring the NanoOptic® Precision Delivery Grid™ optic system.

CONSTRUCTION & MATERIALS

- Die cast aluminum housing
- 50cm cable with quick-connector factory supplied
- Mounting system: Adjustable side arm
- Standard color: Black
- High resistance powder coating with increased anti-ageing and anti-corrosion performance
- Weight: 12kg

ELECTRICAL SYSTEM

- **Input Voltage:** 220-240V or 50/60Hz
- **Power Factor:** > 0.95 at full load
- **Total Harmonic Distortion:** < 20% at full load
- Field Adjustable Output option
- Stand-alone Virtual Midnight field programmable option
- 6 kV surge protection per EN 61000-4-5

REGULATORY & VOLUNTARY QUALIFICATIONS

- CE listed
- Risk group exempt in accordance with Standard EN 62471 for photobiological safety
- Enclosure rated IP65 per IEC 60529
- RoHS compliant

Electrical Data*		
Input Power Designator	System Watts 220-240V	Total Current
		230V
A	45	0.20

* Electrical data at 25°C (77°F)

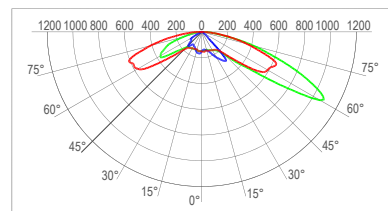
Virtual Midnight		
Option code	Description	
VM0	38W - Virtual Midnight 24:00-06:00	38/27W
VM1	43W - Virtual Midnight 24:00-06:00	43/30W
VM2	45W - Virtual Midnight 24:00-06:00	45/32W
VM3	27W - Virtual Midnight 24:00-06:00	27/19W
VM4	29W - Virtual Midnight 24:00-06:00	29/20W
VM5	34W - Virtual Midnight 24:00-06:00	34/24W
VM6	38W - Virtual Midnight 24:00-06:00	38/19W
VM7	43W - Virtual Midnight 24:00-06:00	43/22W
VM8	45W - Virtual Midnight 24:00-06:00	45/23W
Field Adjustable Output		
Option code	Description	
FA9	19W Fixed	
FAA	27W Fixed	
FAB	29W Fixed	
FAC	34W Fixed	
FAD	38W Fixed	
FAE	43W Fixed	
FAF	45W Fixed	

Cree Urban - CIRCULAR - LED Lantern (Side arm mounting)

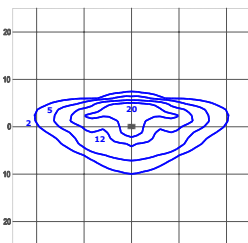
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. To obtain an IES file specific to your project consult: <http://www.cree-europe.com>.

2LG - Type II Long



cd/klm
C0 - C180 C90 - C270 C10 - C190



lux

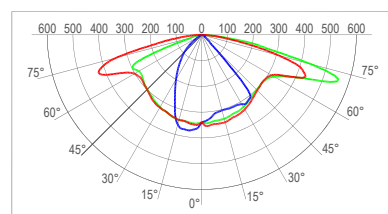
Test Report #: 192-QL17-R10

UCRA92LGA40K
Mounting Height: 6m

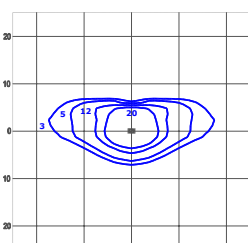
Lumen Output - 2LG (Type II Long)			
Input Power Designator	5700K	4000K	3000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
A	5549	5443	5336

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

275 - Type II Short 0.75



cd/klm
C0 - C180 C90 - C270 C07 - C187



lux

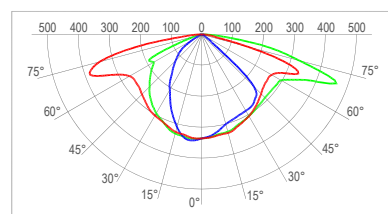
Test Report #: 192-QL17-R08

UCRA9275A40K
Mounting Height: 6m

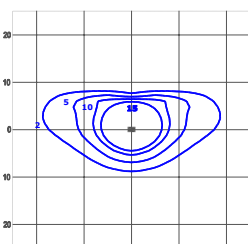
Lumen Output - 275 (Type II Short 0.75)			
Input Power Designator	5700K	4000K	3000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
A	5681	5572	5463

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

210 - Type II Short 1.0



cd/klm
C0 - C180 C90 - C270 C17 - C197



lux

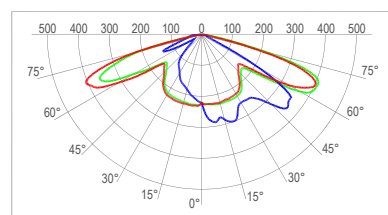
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UCRA9210A40K
Mounting Height: 6m

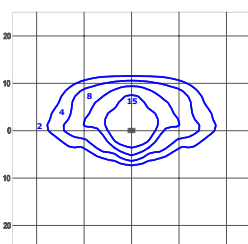
Lumen Output - 210 (Type II Short 1.0)			
Input Power Designator	5700K	4000K	3000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
A	5803	5692	5580

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

2SH - Type II Short



cd/klm
C0 - C180 C90 - C270 C02 - C182



lux

Test Report #: 192-QL17-R09

UCRA92SHA40K
Mounting Height: 6m

Lumen Output - 2SH (Type II Short)			
Input Power Designator	5700K	4000K	3000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
A	5642	5534	5425

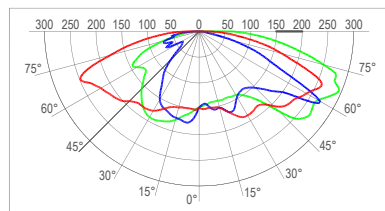
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

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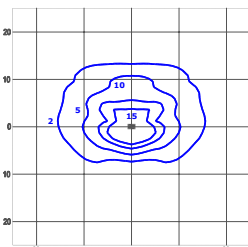
Photometry

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3SH - Type III Short



cd/klm
C0 - C180 C90 - C270 C30 - C210



lux

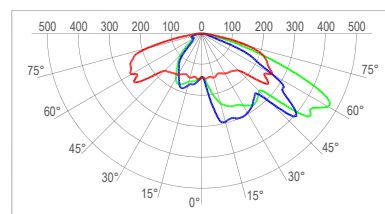
Test Report #: 192-QL17-R11

UCRA93SHA40K
Mounting Height: 6m

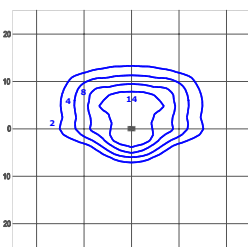
Lumen Output - 3SH (Type III Short)			
Input Power Designator	5700K	4000K	3000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
A	5277	5176	5075

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

3ME - Type III Medium



cd/klm
C0 - C180 C90 - C270 C47 - C227



lux

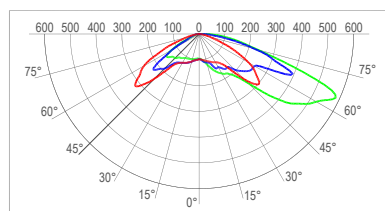
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UCRA93MEA40K
Mounting Height: 6m

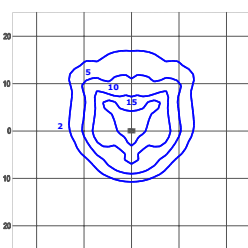
Lumen Output - 3ME (Type III Medium)			
Input Power Designator	5700K	4000K	3000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
A	5566	5459	5352

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

4ME - Type IV Medium



cd/klm
C0 - C180 C90 - C270 C45 - C225



lux

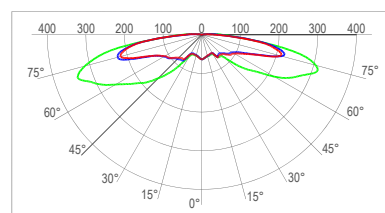
Test Report #: 192-QL17-R13

UCRA94MEA40K
Mounting Height: 6m

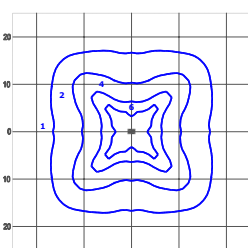
Lumen Output - 4ME (Type IV Medium)			
Input Power Designator	5700K	4000K	3000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
A	5589	5482	5375

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

5ME - Type V Medium



cd/klm
C0 - C180 C90 - C270 C45 - C225



lux

Test Report #: 192-QL17-R14

UCRA95MEA40K
Mounting Height: 6m

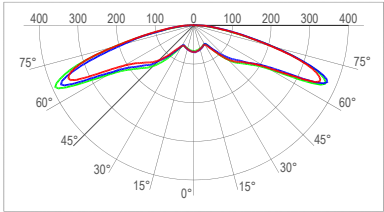
Lumen Output - 5ME (Type V Medium)			
Input Power Designator	5700K	4000K	3000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
A	4942	4710	3861

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens

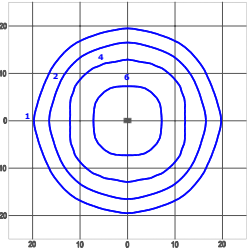
Photometry

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5SH - Type V Medium



cd/klm
C0 - C180 C90 - C270 C50 - C230



lux

Test Report #: 192-QL17-R15

UCRA95SHA40K
Mounting Height: 6m

Lumen Output - 5SH (Type V Medium)			
Input Power Designator	5700K	4000K	3000K
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
A	5548	5288	4334

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -4 and +10% of initial delivered lumens