

U-Tron (Beijing) Electronics
Co., Ltd.

Street Lighting Solutions

Lucas LED - Part 1



www.lucasled.com

Environmentally Friendly
Economically Smart

www.u-tron.com



About U-Tron (Beijing) Electronics Co., Ltd.

U-Tron (Beijing) Electronics Co. Ltd is a wholly owned American enterprise established in China in 1992. Our innovative technology is developed in the U.S and our core manufacturing is centralised in China.

As an engineering company, we possess the resources to design, develop and manufacture high power LED luminaries. We are committed to employing the latest technologies with the highest level of quality, service and value to our customers and suppliers through a process of continuous improvement.

Customers and suppliers are encouraged to visit our BDA factory to review our manufacturing process and the strict ISO 9000 quality standards imposed on our entire product range. Today, U-Tron owns 1000 square metres of office space located in the Central Business District of Beijing and a 1,800 square metre factory in the Beijing Development Area of Yi Zhuang District.

U-Tron's central goal is to promote the use of sustainable energy; a critical step in responding to our current deteriorating environment.



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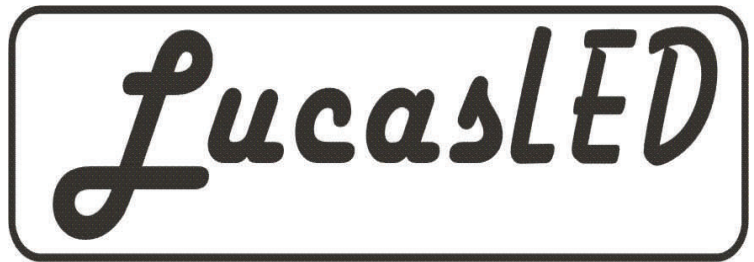
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U-Tron Lucas LED Street Lights



Light features:

[Www.lucasled.com](http://www.lucasled.com)

The U-Tron Lucas Street Lights are the perfect street lighting solutions.

Low energy consumption and high illumination makes this the ideal street light for any road, street, residential area or park. It can come with either internal or external power supplies.



U-Tron Lucas Street Lights

U-Tron Lucas Series Street Lights in Guangzhou & Gothenburg, Sweden





Lucas Street Light



6800-030-CR5

Lucas Street Light I30LED 4170lm 40W CR5

The U-Tron Lucas Street Lights are the perfect street lighting solutions. Low energy consumption, and high illumination makes this the ideal street light for any road, street, residential area or park. It can come with either internal or external power supplies.

Product Technical Data

General Informaion

Heatsink	6063-T5 aluminum alloy
Life Span	50000hr

Light Characteristics

Efficacy	104.25 lm/W
Beam Angle	120
CCT	5500K
Flux	4170lm
Color Rendering Index	85

Electrical Characteristics

Wattage	40W
Voltage	universal
Power Factor	0.937

Temperature

Operating Temp.	-40(min), 45(max)C
Storage	-40(min), 45(max)C

Product Dimensions

Lamp Length	560mm
Lamp Width	333mm
Lamp Height	100.5mm
Lamp Body Length	400mm
Max Pole Opening	72mm

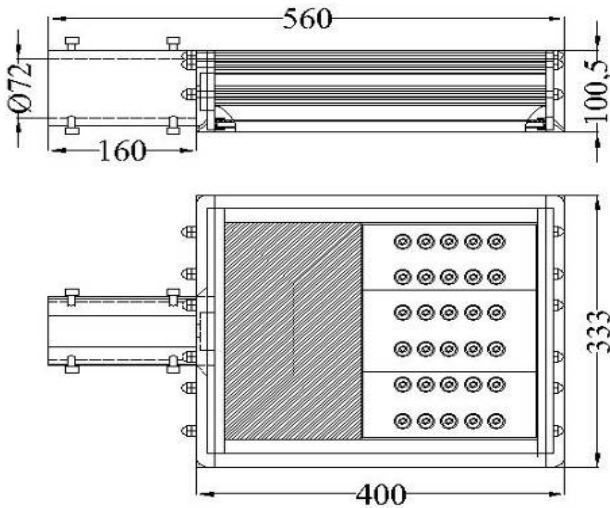
Ordering Information

Product Number	A-6800-030-CR5
Product Name	Lucas I 30
Product Ordering Name	Lucas Street Light 30LED 40W CR5
Pieces Per Pack	1
Packs Per Carton	1
Net Weight Per Piece	8.7 Kg

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Lucas Street Light

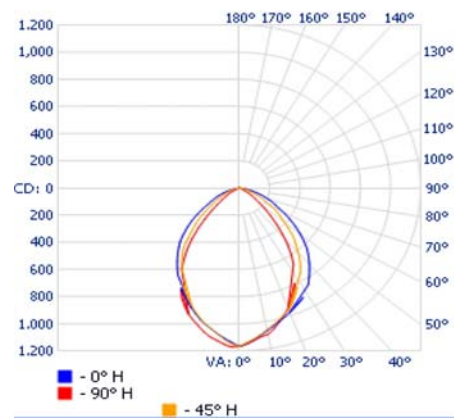


Light Distribution Characteristics

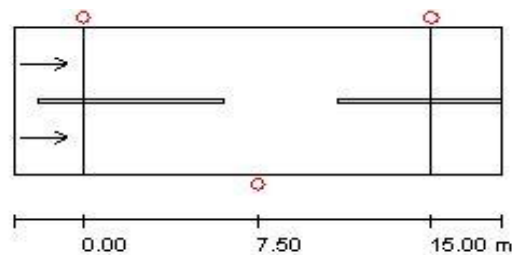
Pole Height: 5-6 Meters

Illuminance at a Distance			
	Center Beam LUX	Beam Width	
0.8m	1,679.78 LUX	1.7m	1.2m
1.7m	419.94 LUX	3.3m	2.4m
2.5m	186.64 LUX	5.0m	3.6m
3.3m	104.99 LUX	6.6m	4.9m
4.2m	67.19 LUX	8.3m	6.1m
5.0m	46.66 LUX	10.0m	7.3m
Vert. Spread: 89.8° Horiz. Spread: 72.2°			

Polar Candela Distribution



Pole to Pole distance: 12-15 Meters



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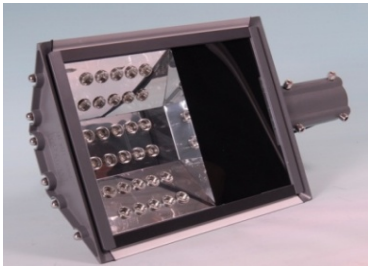
Specifications are subject to change without notice

15-Feb-12

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Lucas Street Light

6800-034-CR5

Lucas Street Light I34LED 5500lm 40W CR5

The U-Tron Lucas Street Lights are the perfect street lighting solutions. Low energy consumption, and high illumination makes this the ideal street light for any road, street, residential area or park. It can come with either internal or external power supplies.

Product Technical Data

General Informaion

Heatsink	6063-T5 aluminum alloy
Life Span	50000hr

Light Characteristics

Efficacy	118.15 lm/W
Beam Angle	120
CCT	5500K
Flux	4726lm
Color Rending Index	85

Electrical Characteristics

Wattage	40W
Voltage	universal
Power Factor	0.937

Temperature

Operating Temp.	-40(min), 45(max)C
Storage	-40(min), 45(max)C

Product Dimensions

Lamp Length	560mm
Lamp Width	333mm
Lamp Height	100.5mm
Lamp Body Length	400mm
Max Pole Opening	72mm

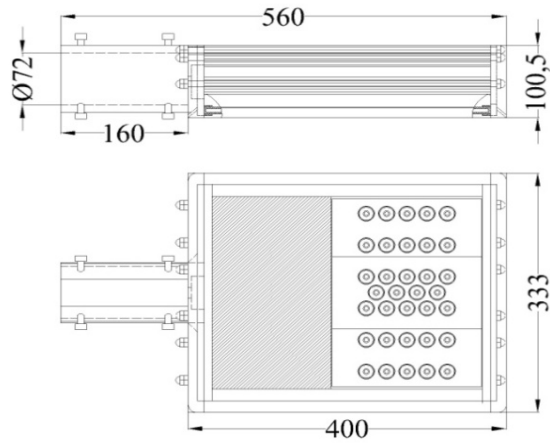
Ordering Information

Product Number	A-6800-034-CR5
Product Name	Lucas I 34
Product Ordering Name	Lucas Street Light 34LED 40W CR5
Pieces Per Pack	1
Packs Per Carton	1
Net Weight Per Piece	8.7 Kg

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Lucas Street Light

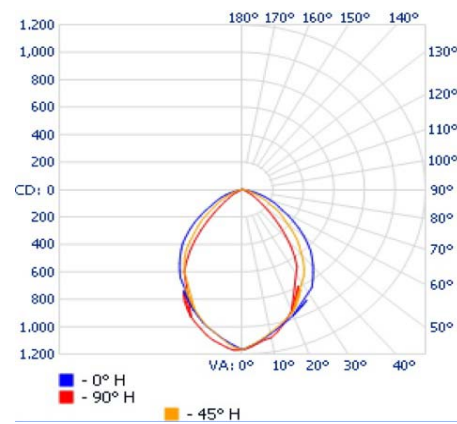


Light Distribution Characteristics

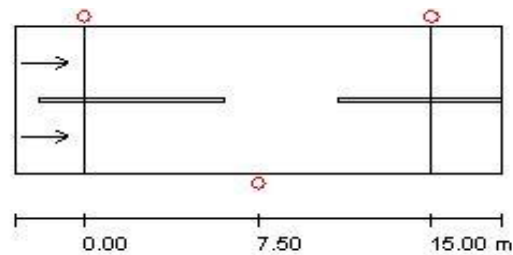
Pole Height: 5-6 Meters



Polar Candela Distribution



Pole to Pole Distance: 12-15 Meters



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Lucas Street Light



6800-042-CR5

Lucas Street Light I42LED 5838lm 55W CR5

The U-Tron Lucas Street Lights are the perfect street lighting solutions. Low energy consumption, and high illumination makes this the ideal street light for any road, street, residential area or park. It can come with either internal or external power supplies.

Product Technical Data

General Informaion

Heatsink	6063-T5 aluminum alloy
Life Span	50000hr

Light Characteristics

Efficacy	106.00 lm/W
Beam Angle	120
CCT	5500K
Flux	5838lm
Color Rendering Index	85

Electrical Characteristics

Wattage	55W
Voltage	universal
Power Factor	0.937

Temperature

Operating Temp.	-40(min), 45(max)C
Storage	-40(min), 45(max)C

Product Dimensions

Lamp Length	560mm
Lamp Width	333mm
Lamp Height	100.5mm
Lamp Body Length	400mm
Max Pole Opening	72mm

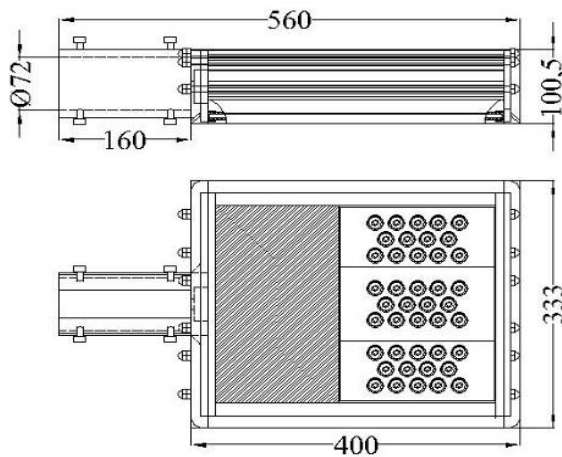
Ordering Information

Product Number	A-6800-042-CR5
Product Name	Lucas I 42
Product Ordering Name	Lucas Street Light I 42LED 55W CR5
Pieces Per Pack	1
Packs Per Carton	1
Net Weight Per Piece	8.7 Kg

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Lucas Street Light

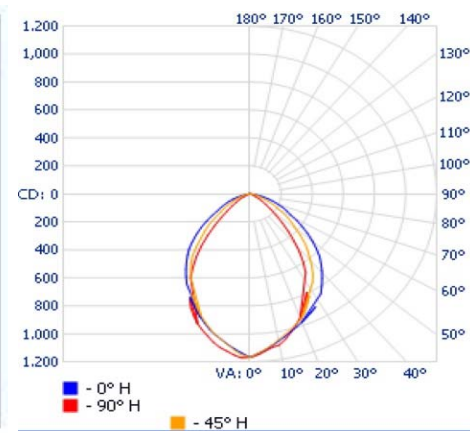


Light Distribution Characteristics

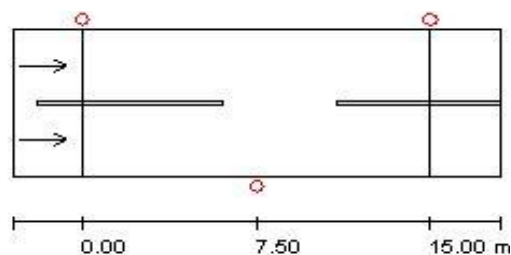
Pole Height: 5-6 Meters

Illuminance at a Distance			
	Center Beam LUX	Beam Width	
1.0m	2,251.78 LUX	2.1m	1.4m
2.0m	562.95 LUX	4.1m	2.9m
3.0m	250.20 LUX	6.2m	4.3m
4.0m	140.74 LUX	8.3m	5.7m
5.0m	90.07 LUX	10.4m	7.2m
6.0m	62.55 LUX	12.4m	8.6m
■ Vert. Spread: 92.0° ■ Horiz. Spread: 71.2°			

Polar Candela Distribution



Pole to Pole Distance: 12-15 Meters



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Lucas Street Light



6800-060-CR5

Lucas Street Light II60LED 8340lm 80W CR5

The U-Tron Lucas Street Lights are the perfect street lighting solutions. Low energy consumption, and high illumination makes this the ideal street light for any road, street, residential area or park. It can come with either internal or external power supplies.

Product Technical Data

General Informaion

Heatsink	6063-T5 aluminum alloy
Life Span	50000hr

Light Characteristics

Efficacy	104.25 lm/W
Beam Angle	120
CCT	5500K
Flux	8340lm
Color Rendering Index	85

Electrical Characteristics

Wattage	80W
Voltage	universal
Power Factor	0.937

Temperature

Operating Temp.	-40(min), 45(max)C
Storage	-40(min), 45(max)C

Product Dimensions

Lamp Length	689mm
Lamp Width	333mm
Lamp Height	100.5mm
Lamp Body Length	689mm
Max Pole Opening	72mm

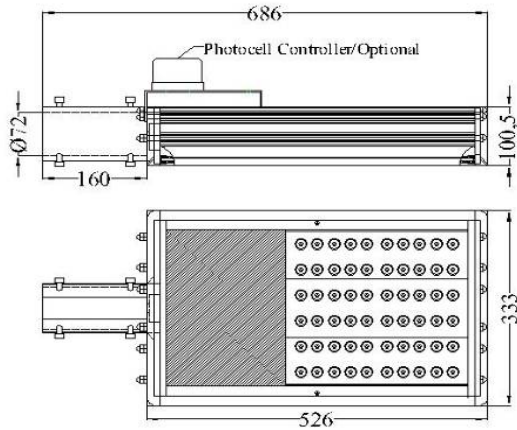
Ordering Information

Product Number	A-6800-060-CR5
Product Name	Lucas II 60
Product Ordering Name	Lucas Street Light II60LED 80W CR5
Pieces Per Pack	1
Packs Per Carton	1
Net Weight Per Piece	11.0 Kg

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Lucas Street Light

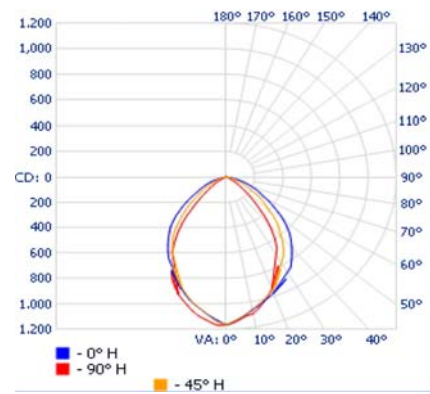


Light Distribution Characteristics

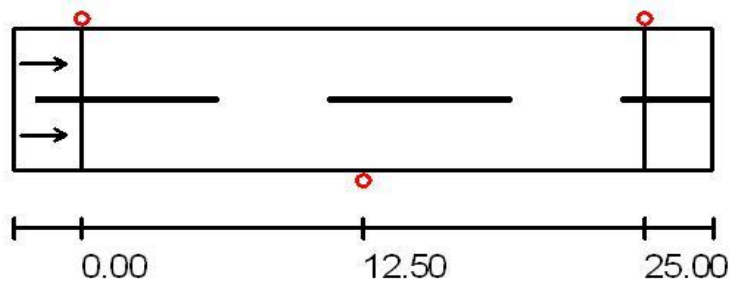
Pole Height: 6-10 Meters



Polar Candela Distribution



Pole to Pole Distance: 15-25 Meters



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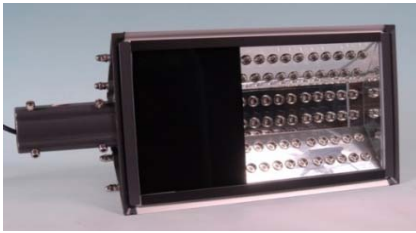
Specifications are subject to change without notice

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Lucas Street Light



6800-068-CR5

Lucas Street Light II68LED 9452lm 72W CR5

The U-Tron Lucas Street Lights are the perfect street lighting solutions. Low energy consumption, and high illumination makes this the ideal street light for any road, street, residential area or park. It can come with either internal or external power supplies.

Product Technical Data

General Informaion

Heatsink	6063-T5 aluminum alloy
Life Span	50000hr

Light Characteristics

Efficacy	131.27 lm/W
Beam Angle	120
CCT	5500K
Flux	9452lm
Color Rendering Index	85

Electrical Characteristics

Wattage	72W
Voltage	universal
Power Factor	0.937

Temperature

Operating Temp.	-40(min), 45(max)C
Storage	-40(min), 45(max)C

Product Dimensions

Lamp Length	689mm
Lamp Width	333mm
Lamp Height	100.5mm
Lamp Body Length	689mm
Max Pole Opening	72mm

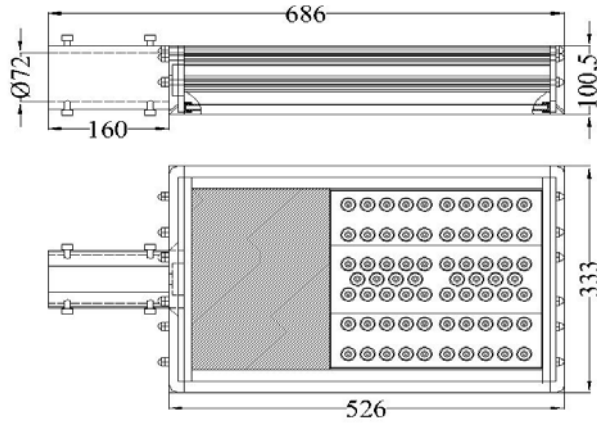
Ordering Information

Product Number	A-6800-068-CR5
Product Name	Lucas II 68
Product Ordering Name	Lucas Street Light II68LED 80W CR5
Pieces Per Pack	1
Packs Per Carton	1
Net Weight Per Piece	11.0 Kg

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Lucas Street Light

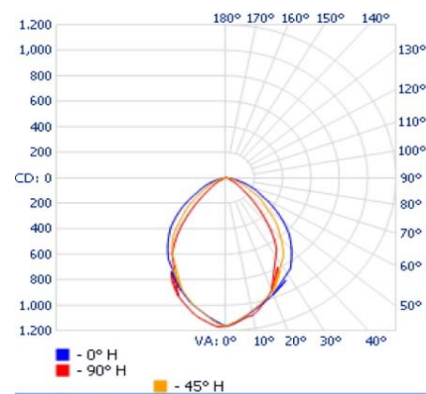


Light Distribution Characteristics

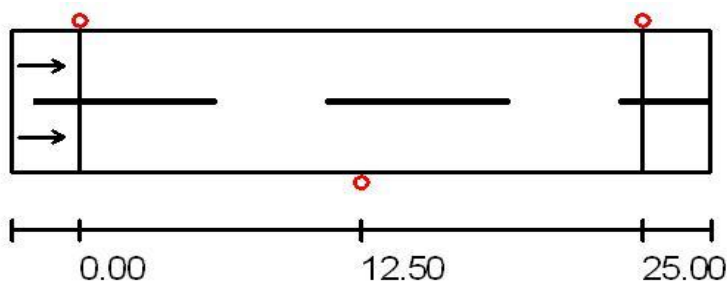
Pole Height



Polar Candela Distribution



Pole to Pole Distance: 15-25 Meters



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Lucas Street Light



6800-084-CR5

Lucas Street Light II84LED 11,676lm 110W CR5

The U-Tron Lucas Street Lights are the perfect street lighting solutions. Low energy consumption, and high illumination makes this the ideal street light for any road, street, residential area or park. It can come with either internal or external power supplies.

Product Technical Data

General Informaion

Heatsink	6063-T5 aluminum alloy
Life Span	50000hr

Light Characteristics

Efficacy	106.00 lm/W
Beam Angle	120
CCT	5500K
Flux	11,676lm
Color Rendering Index	85

Electrical Characteristics

Wattage	110W
Voltage	universal
Power Factor	0.937

Temperature

Operating Temp.	-40(min), 45(max)C
Storage	-40(min), 45(max)C

Product Dimensions

Lamp Length	689mm
Lamp Width	333mm
Lamp Height	100.5mm
Lamp Body Length	689mm
Max Pole Opening	72mm

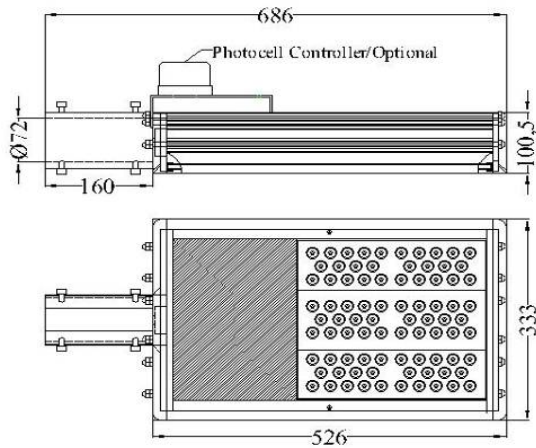
Ordering Information

Product Number	A-6800-084-CR5
Product Name	Lucas II 84
Product Ordering Name	Lucas Street Light II84LED 110W CR5
Pieces Per Pack	1
Packs Per Carton	1
Net Weight Per Piece	11.0 Kg

www.u-tron.com



Lucas Street Light

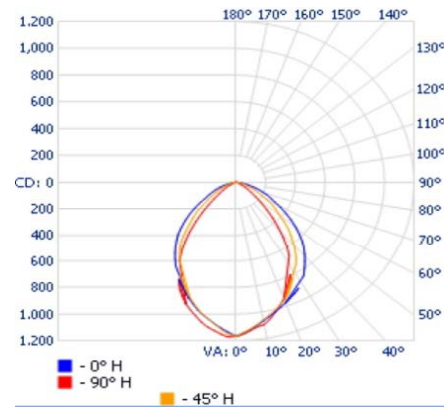


Light Distribution Characteristics

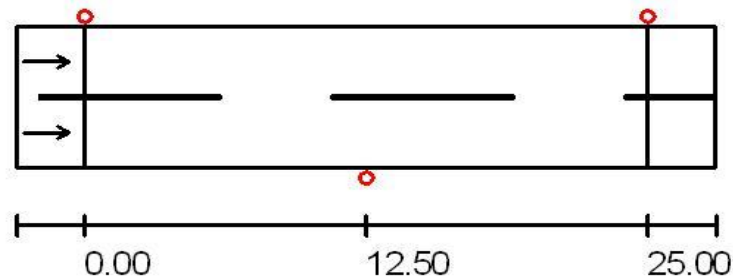
Pole Height: 8-10 Meters



Polar Candela Distribution



Pole to Pole Distance: 15-25 Meters



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Lucas Street Light



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6800-080-CR5

Lucas Street Light III80LED 11120lm 83W CR5

The U-Tron Lucas Street Lights are the perfect street lighting solutions. Low energy consumption, and high illumination makes this the ideal street light for any road, street, residential area or park. It can come with either internal or external power supplies.

Product Technical Data

General Informaion

Heatsink	6063-T5 aluminum alloy
Life Span	50000hr

Light Characteristics

Efficacy	133.97 lm/W
Beam Angle	120
CCT	5500K
Flux	11120lm
Color Rendering Index	85

Electrical Characteristics

Wattage	83W
Voltage	universal
Power Factor	0.937

Temperature

Operating Temp.	-40(min), 45(max)C
Storage	-40(min), 45(max)C

Product Dimensions

Lamp Length	689mm
Lamp Width	333mm
Lamp Height	100.5mm
Lamp Body Length	689mm
Max Pole Opening	72mm

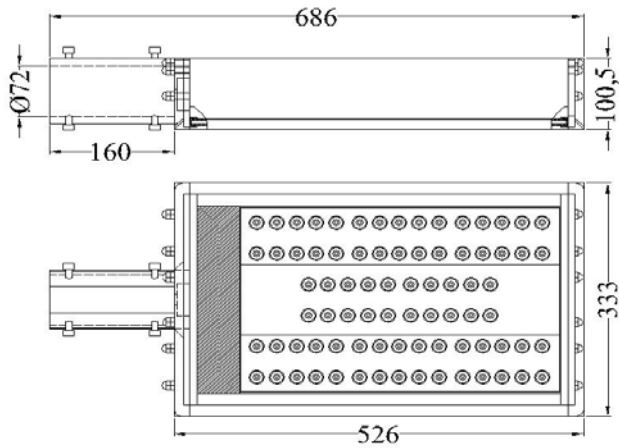
Ordering Information

Product Number	A-6800-080-CR5
Product Name	Lucas III 80
Product Ordering Name	Lucas Street Light III80LED 83W CR5
Pieces Per Pack	1
Packs Per Carton	1
Net Weight Per Piece	11.0 Kg

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Lucas Street Light

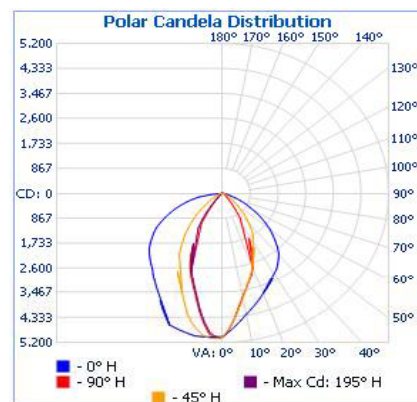


Light Distribution Characteristics

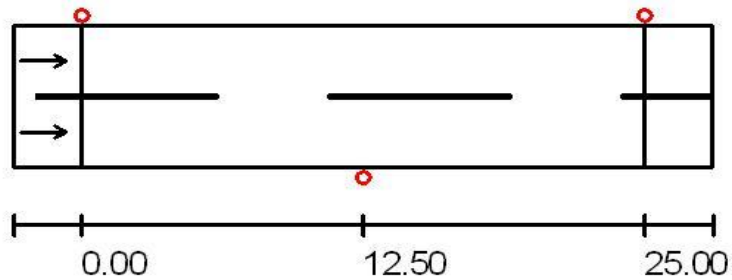
Pole Height: 8-10 Meters



Polar Candela Distribution



Pole to Pole Distance: 15-25 Meters



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**6800-090-CR5**

Lucas Street Light


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Lucas Street Light III90LED 12510lm 115W CR5

The U-Tron Lucas Street Lights are the perfect street lighting solutions. Low energy consumption, and high illumination makes this the ideal street light for any road, street, residential area or park. It can come with either internal or external power supplies.

Product Technical Data

General Informaion

Heatsink	6063-T5 aluminum alloy
Life Span	50000hr

Light Characteristics

Efficacy	108.78 lm/W
Beam Angle	120
CCT	5500K
Flux	12510lm
Color Rendering Index	85

Electrical Characteristics

Wattage	115W
Voltage	universal
Power Factor	0.937

Temperature

Operating Temp.	-40(min), 45(max)C
Storage	-40(min), 45(max)C

Product Dimensions

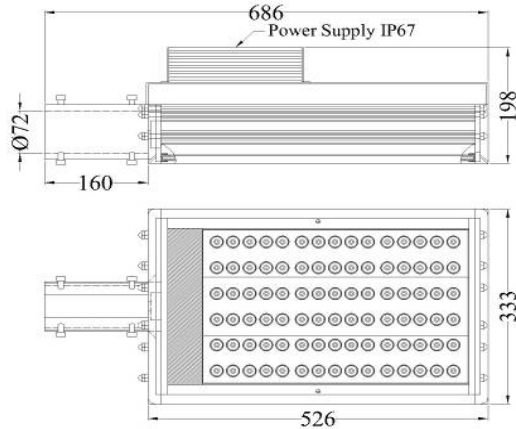
Lamp Length	689mm
Lamp Width	333mm
Lamp Height	198mm
Lamp Body Length	689mm
Max Pole Opening	72mm

Ordering Information

Product Number	A-6800-090-CR5
Product Name	Lucas III 90
Product Ordering Name	Lucas Street Light III90LED 115W CR5
Pieces Per Pack	1
Packs Per Carton	1
Net Weight Per Piece	12.0 Kg

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Lucas Street Light

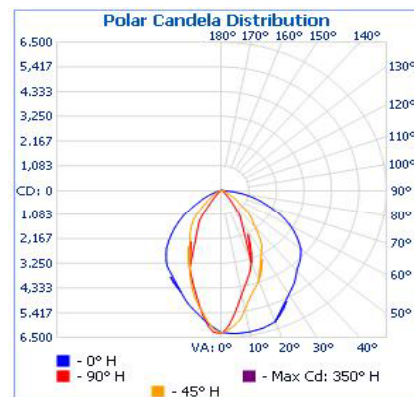


Light Distribution Characteristics

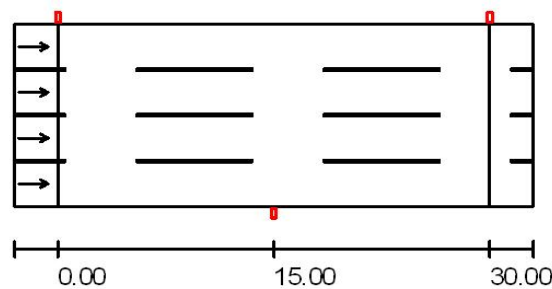
Pole Height: 10-12 Meters



Polar Candela Distribution



Pole to Pole Distance: 25-30 Meters



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Specifications are subject to change without notice

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Lucas Street Light



6800-114-CR5

Lucas Street Light III114LED 15846lm 135W CR5

The U-Tron Lucas Street Lights are the perfect street lighting solutions. Low energy consumption, and high illumination makes this the ideal street light for any road, street, residential area or park. It can come with either internal or external power supplies.

Product Technical Data

General Informaion

Heatsink	6063-T5 aluminum alloy
Life Span	50000hr

Light Characteristics

Efficacy	113.67 lm/W
Beam Angle	120
CCT	5500K
Flux	15846lm
Color Rendering Index	85

Electrical Characteristics

Wattage	135W
Voltage	universal
Power Factor	0.937

Temperature

Operating Temp.	-40(min), 45(max)C
Storage	-40(min), 45(max)C

Product Dimensions

Lamp Length	689mm
Lamp Width	333mm
Lamp Height	198mm
Lamp Body Length	689mm
Max Pole Opening	72mm

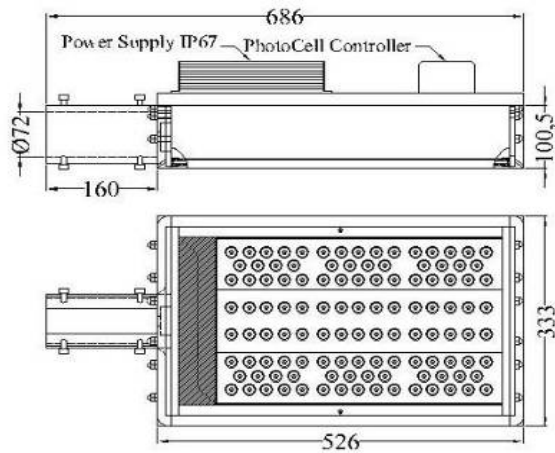
Ordering Information

Product Number	A-6800-114-CR5
Product Name	Lucas III 114
Product Ordering Name	Lucas Street Light III114LED 135W CR5
Pieces Per Pack	1
Packs Per Carton	1
Net Weight Per Piece	12.0 Kg

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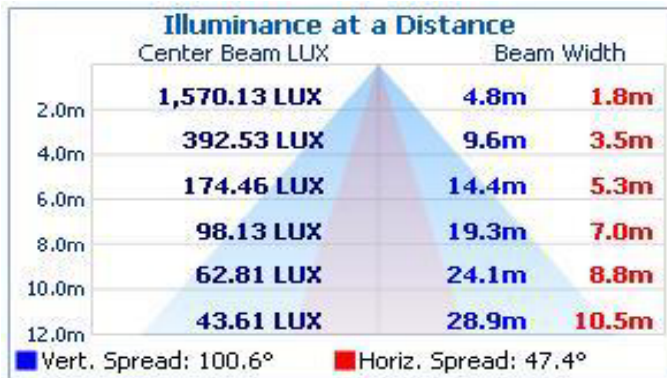


Lucas Street Light

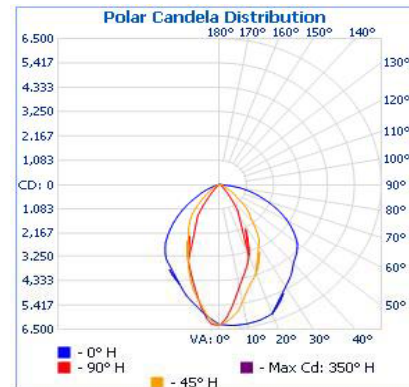


Light Distribution Characteristics

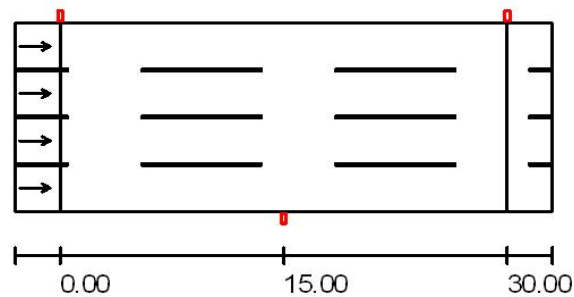
Pole Height: 10-12 Meters



Polar Candela Distribution



Pole to Pole Distance: 25-30 Meters



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Specifications are subject to change without notice

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U-Tron Warranty

U-Tron (Beijing) Electronics Co. Ltd., warrant the products listed bellow for a period of 36 months from the date of shipment to be free from defects in material or workmanship and to be of the kind and quality designated or specified in the purchase agreements. If any products do not meet the above warranty and the buyer promptly files a warranty claim U-Tron shall do the following:

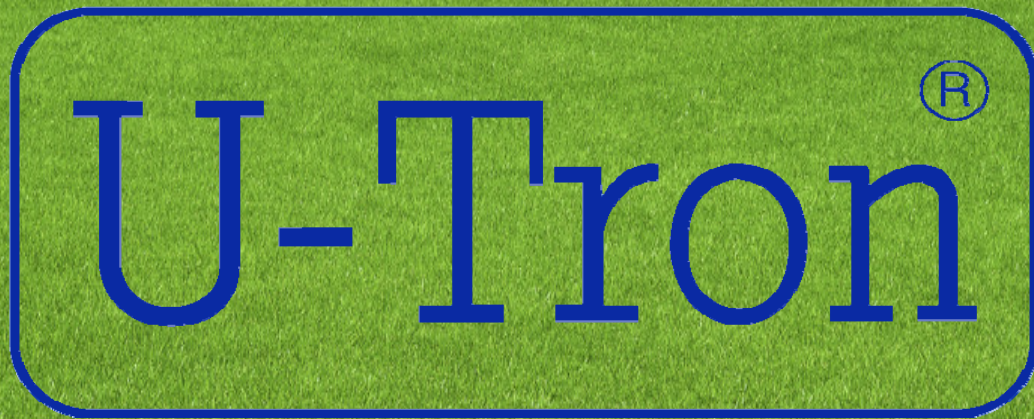
1. U-Tron shall provide a 12 month “No Questions Asked” replacement of any faulty units at no charge to the customer. The time limit for exchange shall not exceed 30 days from the time a claim is filed by the buyer. The buyer shall return the faulty units within 30 days of filing the claim. The method of returning the faulty units to U-Tron shall be decided at that time by U-Tron and all shipping charges shall be borne by U-Tron.
2. At the end of the 12 month period U-Tron shall provide additional free extended warranty for another 24 months. During this 24 month period U-Tron shall repair or replace and re-certify all faulty units returned. Shipping charges for sending the units to U-Tron shall be the responsibility of the Buyer and the Shipping charges to return the repaired goods to the buyer shall be borne by U-Tron. Time limit for repairs shall not exceed 60 days.
3. The warranties set forth herein shall be voided if the units have been 1) repaired or altered by any un-authorized person 2) subjected to misuse, negligence and accidents or operated in other than normal operation and use. 3) Connected, installed or modified in a manner not in accordance with U-Tron instructions.
This warranty is applicable to all LED Products.
4. U-Tron at our own option can elect to provide replacement units at any desired percentage to be warehoused and logged by the buyers for timely service of the extended warranty replacements. When the warranty expires the bad units and the unused spare parts items shall be shipped back to U-Tron unless otherwise stipulated in the contract or purchase agreements. If the warehoused quantities become 90% used up or nearing the end of stock, the buyers shall ship back the faulty units to U-Tron. U-Tron shall rotate the spare parts inventory with in 60 days of receiving from the buyers.
5. All warranty claim items shall by shipped to the buyers regardless of the geographical location, by air freight to the nearest airport or courier service to the customer site, and any returning items can be shipped by sea or air freight at the request of U-Tron. If the customer fails to return the said faulty units with in the time frame as instructed, it will be considered as sold and U-Tron reserve the rights to bill the customer for its full value.
6. U-Tron shall not bare any responsibilities with the buyer's customer claims or shall not bare any other expenses incurred other than the units cost it self. Customer site un-installation and re-installation of any faulty units shall not be the responsibility of U-Tron.

U-Tron LED Lights

Save Energy, Save the World!



www.u-tron.com



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