

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

# Tunnel, Flood Light & Billboard Lighting Solutions

## BatLED & Venus LED



**VENUS**  
**LED**

*Environmentally Friendly*  
*Economically Smart*

[www.u-tron.com](http://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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## U-Tron BatLED

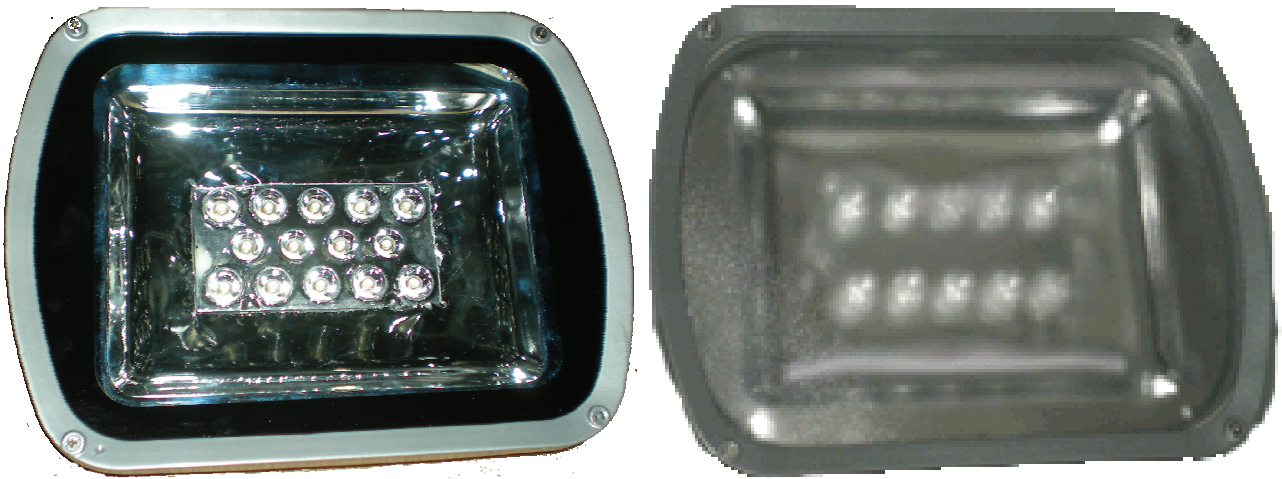


*U-Tron's BatLED at WAB international School in Beijing*





## U-Tron Venus LED



*Venus LED, available with clear or frosted cover*





# BatLED


**6810-030-CR5**

BatLED I30 4170lm 40W CR5

The BatLED is one of U-Tron's most versatile lighting solutions. It can be powered by both conventional and solar power supplies. U-Tron innovated the design of the typical halogen flood light and turned it into an eco-friendly system. The BatLED can be used as interior/exterior flood lights, and general purpose exterior lighting.

## Product Technical Data

### General Informaion

|           |                        |
|-----------|------------------------|
| Heatsink  | 6063-T5 aluminum alloy |
| Life Span | 50000hr                |

### Product Dimensions

|                  |         |
|------------------|---------|
| Lamp Length      | 284mm   |
| Lamp Width       | 333mm   |
| Lamp Height      | 200.5mm |
| Lamp Body Length | 284mm   |

### Light Characteristics

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

### Ordering Information

|                       |                        |
|-----------------------|------------------------|
| Product Number        | A-6810-030-CR5         |
| Product Name          | BatLED I 30            |
| Product Ordering Name | BatLED I 30 4170LM CR5 |

### Electrical Characteristics

|              |           |
|--------------|-----------|
| Wattage      | 40W       |
| Voltage      | universal |
| Power Factor | 0.937     |

|                      |       |
|----------------------|-------|
| Pieces Per Pack      | 2     |
| Packs Per Carton     | 2     |
| Net Weight Per Piece | 7.3Kg |

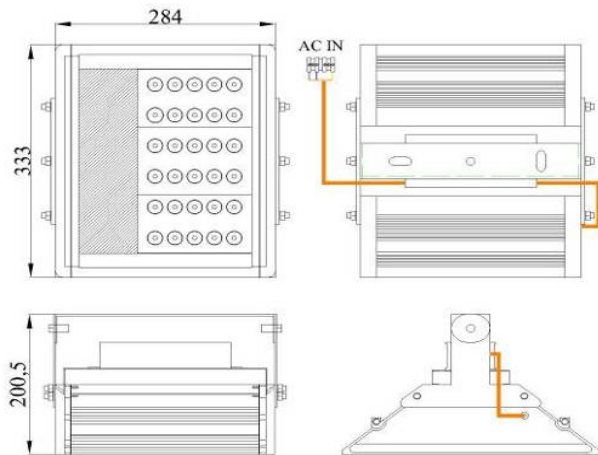
### Temperature

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

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**BatLED**

## Technical Drawing

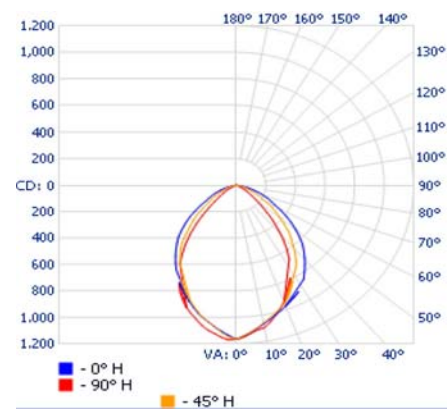


## Light Distribution Characteristics

Ceiling Height: 5-6 Meters



## Polar Candela Distribution



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## BatLED



**6810-042-CR5**

BatLED I42 5838lm 55W CR5

The BatLED is one of U-Tron's most versatile lighting solutions. It can be powered by both conventional and solar power supplies. U-Tron innovated the design of the typical halogen flood light and turned it into an eco-friendly system. The BatLED can be used as interior/exterior flood lights, and general purpose exterior lighting.

### Product Technical Data

#### General Informaion

|           |                        |
|-----------|------------------------|
| Heatsink  | 6063-T5 aluminum alloy |
| Life Span | 50000hr                |

#### Product Dimensions

|                  |         |
|------------------|---------|
| Lamp Length      | 284mm   |
| Lamp Width       | 333mm   |
| Lamp Height      | 100.5mm |
| Lamp Body Length | 400mm   |

#### Light Characteristics

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

#### Ordering Information

|                       |                                  |
|-----------------------|----------------------------------|
| Product Number        | A-6810-042-CR5                   |
| Product Name          | BatLED I42                       |
| Product Ordering Name | Batled Tunnel Light<br>42LED 55W |

#### Electrical Characteristics

|              |           |
|--------------|-----------|
| Wattage      | 55W       |
| Voltage      | universal |
| Power Factor | 0.937     |

|                      |        |
|----------------------|--------|
| Pieces Per Pack      | 2      |
| Packs Per Carton     | 2      |
| Net Weight Per Piece | 7.3 Kg |

#### Temperature

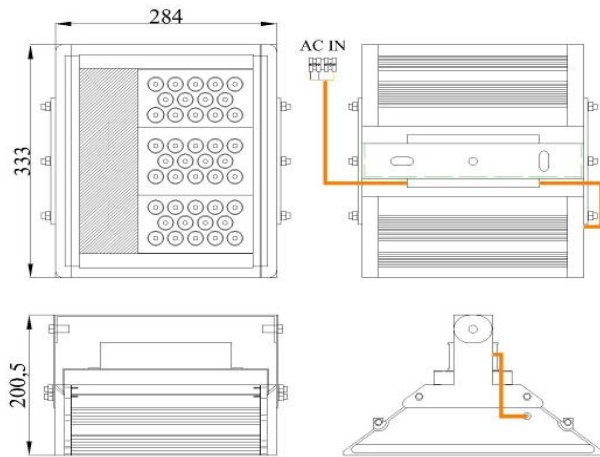
|                 |                    |
|-----------------|--------------------|
| Operating Temp. | -40(min), 45(max)C |
| Storage         | -40(min), 45(max)C |

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**BatLED**



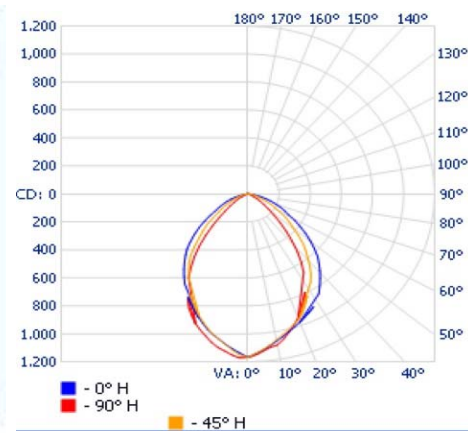


## Light Distribution Characteristics

Ceiling 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 |
| <div> <div style="display: inline-block; width: 10px; height: 10px; background-color: blue; margin-right: 5px;"></div> Vert. Spread: 92.0°                     <div style="display: inline-block; width: 10px; height: 10px; background-color: red; margin-left: 20px; margin-right: 5px;"></div> Horiz. Spread: 71.2°                 </div> |                 |            |      |

Polar Candela Distribution



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# BatLED


**6810-060-CR5**

BatLED II60LED 8340lm 80W CR5

The BatLED is one of U-Tron's most versatile lighting solutions. It can be powered by both conventional and solar power supplies. U-Tron innovated the design of the typical halogen flood light and turned it into an eco-friendly system. The BatLED can be used as interior/exterior flood lights, and general purpose exterior lighting.

## Product Technical Data

### General Informaion

|           |                        |
|-----------|------------------------|
| Heatsink  | 6063-T5 aluminum alloy |
| Life Span | 50000hr                |

### Product Dimensions

|                  |         |
|------------------|---------|
| Lamp Length      | 284mm   |
| Lamp Width       | 333mm   |
| Lamp Height      | 200.5mm |
| Lamp Body Length | 284mm   |

### Light Characteristics

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

### Ordering Information

|                       |                            |
|-----------------------|----------------------------|
| Product Number        | A-6810-060-CR5             |
| Product Name          | BatLED II60                |
| Product Ordering Name | BatLED II60 8340lm 80W CR5 |

### Electrical Characteristics

|              |           |
|--------------|-----------|
| Wattage      | 80W       |
| Voltage      | universal |
| Power Factor | 0.937     |

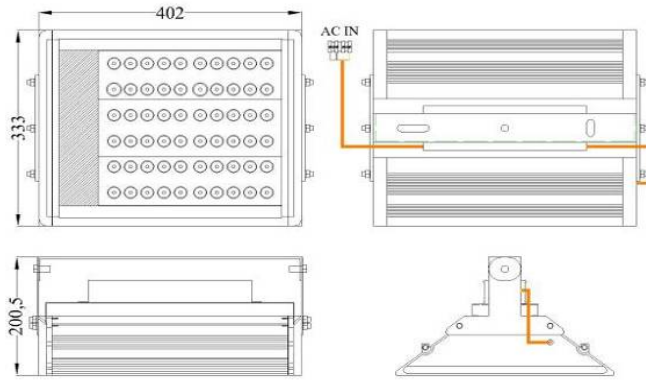
|                      |        |
|----------------------|--------|
| Pieces Per Pack      | 2      |
| Packs Per Carton     | 2      |
| Net Weight Per Piece | 7.3 Kg |

### Temperature

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

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**BatLED**

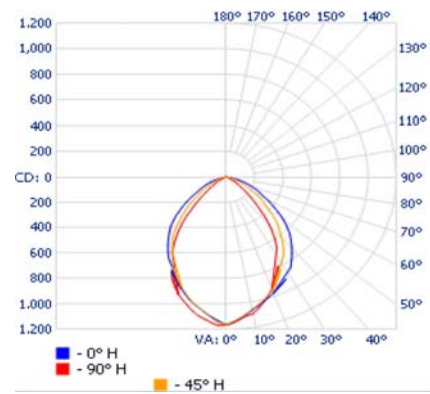


## Light Distribution Characteristics

Ceiling Height: 6-10 Meters



## Polar Candela Distribution



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# BatLED


**6810-084-CR5**

BatLED III84LED 11676lm 110W CR5

The BatLED is one of U-Tron's most versatile lighting solutions. It can be powered by both conventional and solar power supplies. U-Tron innovated the design of the typical halogen flood light and turned it into an eco-friendly system. The BatLED can be used as interior/exterior flood lights, and general purpose exterior lighting.

## Product Technical Data

### General Informaion

|           |                        |
|-----------|------------------------|
| Heatsink  | 6063-T5 aluminum alloy |
| Life Span | 50000hr                |

### Product Dimensions

|                  |         |
|------------------|---------|
| Lamp Length      | 284mm   |
| Lamp Width       | 333mm   |
| Lamp Height      | 100.5mm |
| Lamp Body Length | 400mm   |

### Light Characteristics

|                       |             |
|-----------------------|-------------|
| Efficacy              | 106.00 lm/W |
| Beam Angle            | 120         |
| CCT                   | 5500K       |
| Flux                  | 11676lm     |
| Color Rendering Index | 85          |

### Ordering Information

|                       |                               |
|-----------------------|-------------------------------|
| Product Number        | A-6810-084-CR5                |
| Product Name          | BatLED III84                  |
| Product Ordering Name | Batled III84 11676lm 110W CR5 |

### Electrical Characteristics

|              |           |
|--------------|-----------|
| Wattage      | 110W      |
| Voltage      | universal |
| Power Factor | 0.937     |

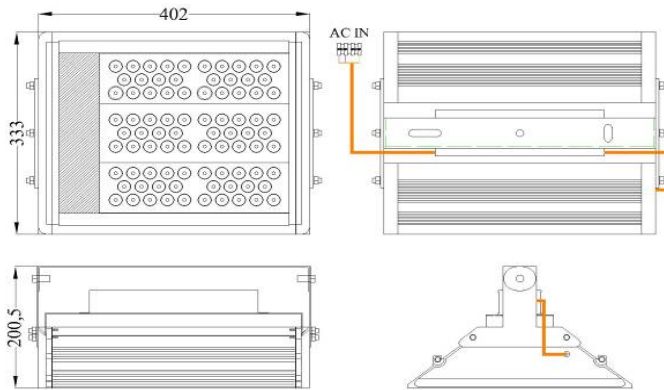
|                      |         |
|----------------------|---------|
| Pieces Per Pack      | 2       |
| Packs Per Carton     | 2       |
| Net Weight Per Piece | 10.0 Kg |

### Temperature

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

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**BatLED**

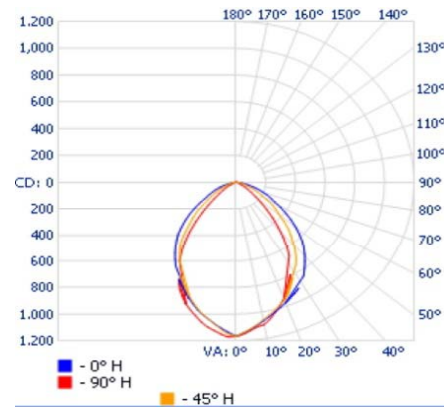


### Light Distribution Characteristics

Ceiling Height: 8-10 Meters



### Polar Candela Distribution



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# Venus

# VENUS

## LED

### 6810-210-CR5

Venus 10 1390LM 16W

Lightweight and durable with easy installation, the Venus is the only solution in areas where weight is a major consideration. Low power consumption and high illumination makes this the ideal lighting solution for both commercial and government uses.

## Product Technical Data

### General Informaion

|           |                        |
|-----------|------------------------|
| Heatsink  | 6063-T5 aluminum alloy |
| Life Span | 50000hr                |

### Product Dimensions

|                  |       |
|------------------|-------|
| Lamp Length      | 235mm |
| Lamp Width       | 312mm |
| Lamp Height      | 195mm |
| Lamp Body Length | 235mm |

### Light Characteristics

|                       |            |
|-----------------------|------------|
| Efficacy              | 86.87 lm/W |
| Beam Angle            | 120        |
| CCT                   | 5500K      |
| Flux                  | 1390lm     |
| Color Rendering Index | 85         |

### Ordering Information

|                       |                |
|-----------------------|----------------|
| Product Number        | A-6810-210-CR5 |
| Product Name          | Venus 10       |
| Product Ordering Name |                |

Venus 10 1390lm 16W

### Electrical Characteristics

|              |           |
|--------------|-----------|
| Wattage      | 16W       |
| Voltage      | universal |
| Power Factor | 0.937     |

|                      |         |
|----------------------|---------|
| Pieces Per Pack      | 1       |
| Packs Per Carton     | 2       |
| Net Weight Per Piece | 3.75 Kg |

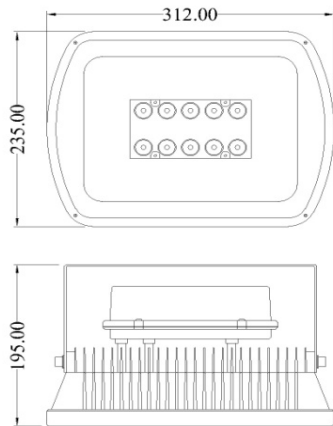
### Temperature

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

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Venus



### Light Distribution Characteristics

Proposed Height: 4-6

Meters

Brightness: 100 Lux

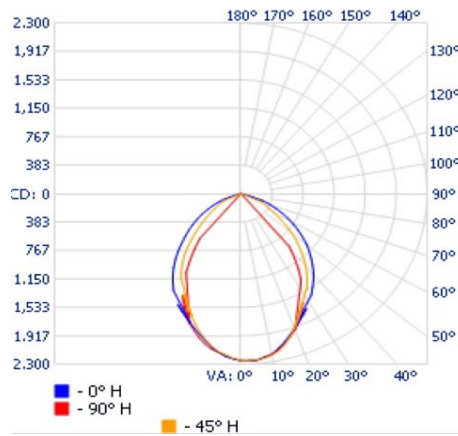
Replacement Value: 100 W

CFL

250 W

Incandescent

### Polar Candela Distribution



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# Venus **VENUS** **LED**

**6810-214-CR5**

Venus 14 1946LM 24W

Lightweight and durable with easy installation, the Venus is the only solution in areas where weight is a major consideration. Low power consumption and high illumination makes this the ideal lighting solution for both commercial and government uses.

## Product Technical Data

### General Informaion

|           |                        |
|-----------|------------------------|
| Heatsink  | 6063-T5 aluminum alloy |
| Life Span | 50000hr                |

### Product Dimensions

|                  |       |
|------------------|-------|
| Lamp Length      | 235mm |
| Lamp Width       | 312mm |
| Lamp Height      | 195mm |
| Lamp Body Length | 235mm |

### Light Characteristics

|                       |            |
|-----------------------|------------|
| Efficacy              | 81.08 lm/W |
| Beam Angle            | 120        |
| CCT                   | 5500K      |
| Flux                  | 1946lm     |
| Color Rendering Index | 85         |

### Ordering Information

|                       |                |
|-----------------------|----------------|
| Product Number        | A-6810-214-CR5 |
| Product Name          | Venus 14       |
| Product Ordering Name |                |

Venus 14 1946lm 24W

### Electrical Characteristics

|              |           |
|--------------|-----------|
| Wattage      | 24W       |
| Voltage      | universal |
| Power Factor | 0.937     |

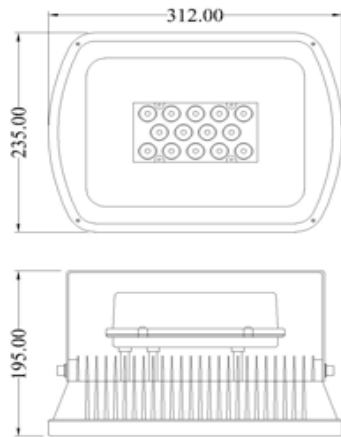
|                      |         |
|----------------------|---------|
| Pieces Per Pack      | 1       |
| Packs Per Carton     | 2       |
| Net Weight Per Piece | 3.75 Kg |

### Temperature

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

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# Venus

# VENUS

## LED

**6810-230-CR5**

Venus 30 4170LM 40W

Lightweight and durable with easy installation, the Venus is the only solution in areas where weight is a major consideration. Low power consumption and high illumination makes this the ideal lighting solution for both commercial and government uses.

## Product Technical Data

### General Informaion

|           |                        |
|-----------|------------------------|
| Heatsink  | 6063-T5 aluminum alloy |
| Life Span | 50000hr                |

### Product Dimensions

|                  |       |
|------------------|-------|
| Lamp Length      | 235mm |
| Lamp Width       | 312mm |
| Lamp Height      | 195mm |
| Lamp Body Length | 235mm |

### Light Characteristics

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

### Ordering Information

|                       |                |
|-----------------------|----------------|
| Product Number        | A-6810-230-CR5 |
| Product Name          | Venus 30       |
| Product Ordering Name |                |

Venus 30 4170lm 40W

### Electrical Characteristics

|              |           |
|--------------|-----------|
| Wattage      | 40W       |
| Voltage      | universal |
| Power Factor | 0.937     |

|                      |         |
|----------------------|---------|
| Pieces Per Pack      | 1       |
| Packs Per Carton     | 2       |
| Net Weight Per Piece | 3.75 Kg |

### Temperature

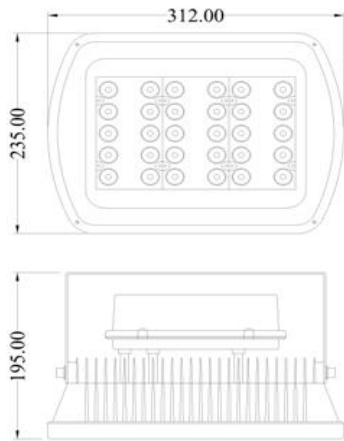
|                 |                    |
|-----------------|--------------------|
| Operating Temp. | -40(min), 45(max)C |
| Storage         | -40(min), 45(max)C |

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**6810-42-CR5**

Venus **VENUS**  
**LED**

Venus 42 5838LM 55W

Lightweight and durable with easy installation, the Venus is the only solution in areas where weight is a major consideration. Low power consumption and high illumination makes this the ideal lighting solution for both commercial and government uses.

### Product Technical Data

#### General Informaion

|           |                        |
|-----------|------------------------|
| Heatsink  | 6063-T5 aluminum alloy |
| Life Span | 50000hr                |

#### Product Dimensions

|                  |       |
|------------------|-------|
| Lamp Length      | 235mm |
| Lamp Width       | 312mm |
| Lamp Height      | 195mm |
| Lamp Body Length | 235mm |

#### Light Characteristics

|                       |             |
|-----------------------|-------------|
| Efficacy              | 106.14 lm/W |
| Beam Angle            | 120         |
| CCT                   | 5500K       |
| Flux                  | 5838lm      |
| Color Rendering Index | 85          |

#### Ordering Information

|                       |               |
|-----------------------|---------------|
| Product Number        | A-6810-42-CR5 |
| Product Name          | Venus 42      |
| Product Ordering Name |               |

Venus 42 5838lm 40W

#### Electrical Characteristics

|              |           |
|--------------|-----------|
| Wattage      | 40W       |
| Voltage      | universal |
| Power Factor | 0.937     |

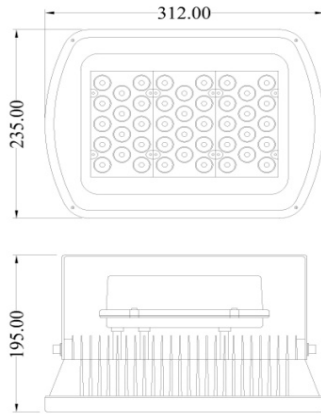
|                      |         |
|----------------------|---------|
| Pieces Per Pack      | 1       |
| Packs Per Carton     | 2       |
| Net Weight Per Piece | 3.75 Kg |

#### Temperature

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

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Venus



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## U-Tron Warranty

U-Tron (Beijing) Electronics Co. Ltd., warrant the products listed below 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 within 60 days of receiving from the buyers.
5. All warranty claim items shall be 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 within the time frame as instructed, it will be considered as sold and U-Tron reserves the rights to bill the customer for its full value.
6. U-Tron shall not bear any responsibilities with the buyer's customer claims or shall not bear any other expenses incurred other than the units cost itself. Customer site un-installation and re-installation of any faulty units shall not be the responsibility of U-Tron.

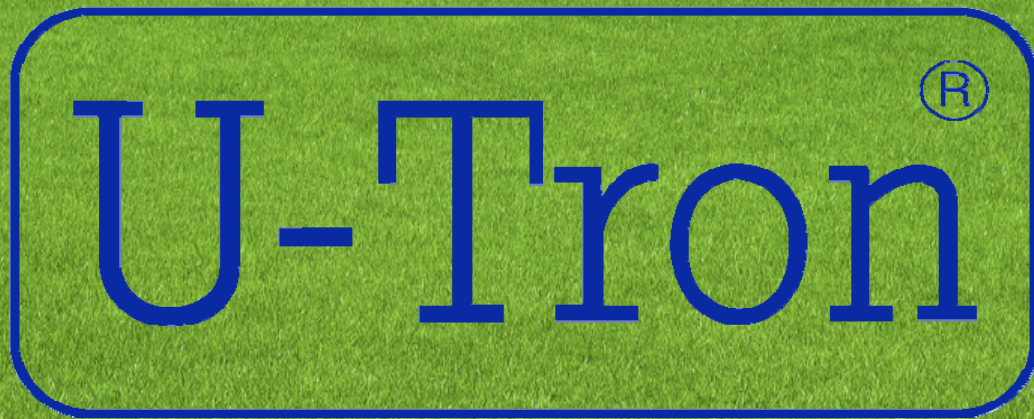
# U-Tron LED Lights

## Save Energy, Save the World!





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