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

LED Indoor Lighting for Hotels Applications



Environmentally Friendly

Economically Smart Solutions.





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 centralized 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 meters of office space located in the Central Business District of Beijing and a 1,800 square meter 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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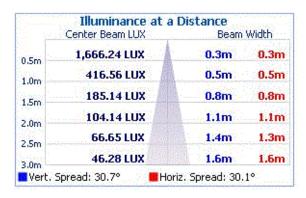
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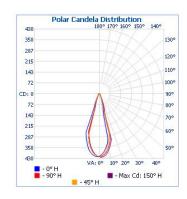


Light Features■

Both are Sleek and stylish, that's U-Tron's Comet LED Spot Lights. It has a very focused beam, which is perfect for product displays, reading lights, glass cabinets, etc.

The Comet is a perfect replacement for traditional Halogen MR16 spot lights, beating them in every field; brightness, heat dissipation and lifespan. 3 watt will replace a 25 Watt Halogen and the 5.5 Watt will replace a 40Watt Halogen.











6 & 10 Watt G53

6 & 10 Watt G53

6 & 10 Watt G53

4





3 Watt Comet Product Technical Data

General Information

Socket Type MR 16

Life Span 50000



Light Characteristics

Efficacy 107 lm/W

Beam Angle 60, 45, 30, Dg

CCT 2700K

Flux 321 lm

Color Rending In- 84

dex

Electrical Characteristics

Wattage 3 W

Voltage 12 V DC or AC

Product Dimensions

Circular Dimensions 50 mm

Lamp Height 50 mm

Hole to Hole 87 mm

Distance

Width 18 mm

Height 10 mm

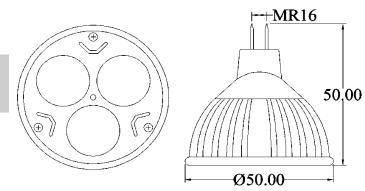
Ordering Information

Product Number 6870-P03-WQ5

Product Name Comet Spotlight MR 16

Product Ordering Comet 321 lm 3 W MR 16

Name



6870-PO3- WQ5



5.5 Watt Comet Product Technical Data

General Information

Socket Type MR 16

Life Span 50000

hr



Light Characteristics

Efficacy 107 lm/W

Beam Angle 60, 45, 30, Dg

CCT 2700K

Flux 450 lm

Color Rending In- 84

dex

Electrical Characteristics

Wattage 5.5 W

Voltage 12 V DC or AC

Product Dimensions

Circular Dimensions 50 mm

Lamp Height 50 mm

Hole to Hole 87 mm

Distance

Width 18 mm

Height 10 mm

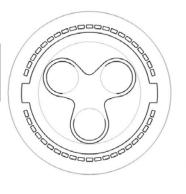
Ordering Information

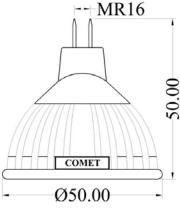
Product Number 6870-P03-WQ5

Product Name Comet Spotlight MR 16

Product Ordering Comet 450 lm 5.5 W MR 16

Name





6870-PO3- WQ5



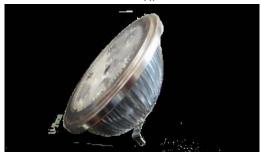
6.5 Watt G53 Comet Product Technical Data

General Information

Socket Type G 53

Life Span 50000

hr



Product Dimensions

Circular Dimensions 50 mm

Lamp Height 50 mm

Hole to Hole 87 mm

Distance

Width 18 mm

Height 10 mm

Light Characteristics

Efficacy 107 lm/W

Beam Angle 60, 45, 30, Dg

CCT 2700K

Flux 552 lm

Color Rending 84

Index

Ordering Information

Product Number 6870-P03-WQ5

Product Name Comet Spotlight G 53

Product Ordering Comet 552 lm 6.5 W G53

Name

Product Technical Drawing

Electrical Characteristics

Wattage 6.5 W

Voltage 12 V DC or AC

6870-PO9- WQ5G



10 Watt G53 Comet Product Technical Data

General Information

Socket Type G 53

Life Span 50000

hr



Product Dimensions

Circular Dimensions 50 mm

Lamp Height 50 mm

Hole to Hole 87 mm

Distance

Width 18 mm

Height 10 mm

Light Characteristics

Efficacy 107 lm/W

Beam Angle 60, 45, 30, Dg

CCT 2700K

Flux 828 lm

Color Rending 84

Index

Ordering Information

Product Number 6870-P09-WQ5G

Product Name Comet Spotlight G 53

Product Ordering Comet 828 lm 10 W G53

Name

Product Technical Drawing

Electrical Characteristics

Wattage 10 W

Voltage 12 V DC or AC



Light Features

The Helios is the ideal LED replacement for traditional incandescent and CFL light bulbs. Helios' innovative heat sink design ensures perfect heat dissipation.

U-Tron's innovative design uses high power Cree LEDs to bring energy savings to your home and office.

The Helios is the perfect solution for general lighting applications and available in 3 versions: Helios ,Helios Junior & Helios D. They are all dimmable and comes in any CCT.



U-Tron Helios LED Light Bulb

6850-P04-WQ5



5 Watt Helios Bulbs Product Technical Data

General Information

Socket Type E 27

Life Span 50000 hr

Product Dimensions

Circular Dimensions 56 mm

Lamp Height 106mm



Red



Light Characteristics

Effi- 74 lm/W

cacy

Beam Angle 150 D

CCT 2700K

Flux 370 lm

Color Rending 85

Index

Ordering Information

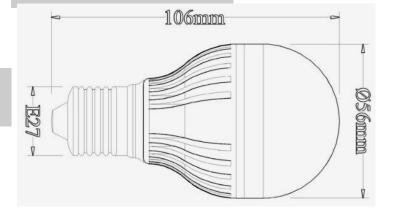
Product Number 6850-P04-WQ5

Product Name Helios 4 E 27

Product Ordering Helios 4 E 27 370 Im

Name 106mm 5.0 W WQ5

Product Technical Drawing



Electrical Characteristics

Wattage 5 W

U-Tron Helios Jr. LED Light Bulb

6853-P03-WQ5



5 Watt Helios Bulbs Product Technical Data

General Information

Socket Type E 27

Life Span 50000 hr

Product Dimensions

Oval Dimensions 49.5 mm

Lamp Height 84mm



The Little Light Bulb

Light Characteristics

Efficacy 83 lm/W

Beam Angle 150 D

CCT 2700K

Flux 250 lm

Color Rending 85

Index

Ordering Information

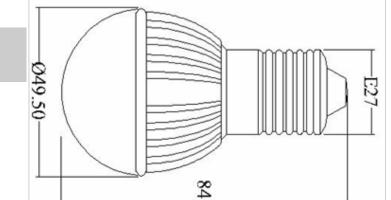
Product Number 6853-P03-WQ5

Product Name Helios Jr-3 E 27

Product Ordering Helios Jr-3 250lm 84mm 3

Name W E37 WQ5

Product Technical Drawing



Electrical Characteristics

Wattage 3 W

U-Tron Helios D LED Light Bulb

6852-P03-WQ5



5 Watt Helios Bulbs Product Technical Data

General Information

Socket Type E 27

Life Span 50000 hr

Product Dimensions

Oval Dimensions 58 mm

Lamp Height 122 mm



Light Characteristics

Efficacy 78 lm/W

Beam Angle 150 D

CCT 2700K

Flux 300 lm

Color Rending 85

Index

Ordering Information

Product Number 6852-P03-WQ5

Product Name Helios D-3 E 27

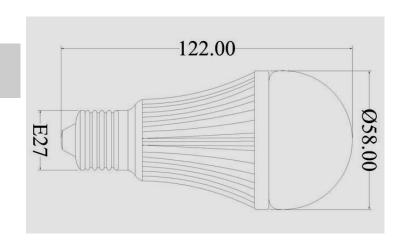
Product Ordering Helios D-3 300lm 3.8W

Name E37 WQ5

Product Technical Drawing

Electrical Characteristics

Wattage 3.8 W



U-Tron U-Candle LED Light Bulb



Light Features

The U-Candle is the ideal LED replacement for conventional incandescent and CFL lights. U-Tron's innovative design uses high power Cree LEDs to bring energy savings to your home or office. The U-Candle is the perfect solution for general lighting applications





U-Tron U-Candle LED Light Bulb

6852-P03-WQ5F



3 Watt U-Candle Bulbs Product Technical Data

General Information

Socket Type E 14

Life Span 50000 hr



Product Dimensions

Oval Dimensions 40 mm

Lamp Height 109 mm

Frosted Lid

Light Characteristics

Efficacy 85 lm/W

Beam Angle 360 D

CCT 3000K

Flux 255 lm

Color Rending 85

Index

Ordering Information

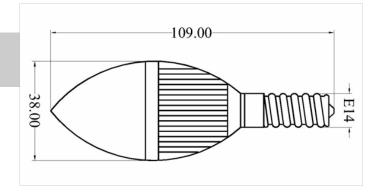
Product Number 6855-LQ1-WW3WF

Product Name U-Candle E14

Product Ordering U-Candle 255 lm 38mm

Name 3W E 14 WW Frosted Lid

Product Technical Drawing



Electrical Characteristics

Wattage 3W

U-Tron U-Candle LED Light Bulb

6852-P03-WQ5T



3 Watt U-Candle Bulbs Product Technical Data

General Information

Socket Type E 14

Life Span 50000 hr



Product Dimensions

Oval Dimensions 40 mm

Lamp Height 109 mm

Transparent Lid

Light Characteristics

Efficacy 85 lm/W

Beam Angle 360 D

CCT 3000K

Flux 255 lm

Color Rending 85

Index

Ordering Information

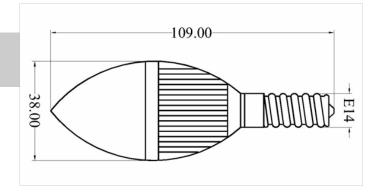
Product Number 6855-LQ1-WW3W

Product Name U-Candle E14

Product Ordering U-Candle 255 lm 38mm

Name 3W E 14 WW Clear Lid

Product Technical Drawing



Electrical Characteristics

Wattage 3W

U-Tron Drago PAR Light



Light features:

We call our PAR—Drago. They comes in many forms and factor to enable exact retrofit into the existing housings. We are following the Zhaga standards to keep these most popular lights fits into your lighting needs



U-Tron Drago Par 38

68DP-P12-38CR5E27



13 Watt Drago PAR 38 Product Technical Data

General Information

Socket Type E27

Life Span 50000 hr

Product Dimensions

Oval Dimensions 120 mm

Height 158 mm



Light Characteristics

Efficacy 113lm/W

Beam Angle 150 D

CCT 4000K

Flux 1486 lm

Color Rending 72

Index

Ordering Information

Product Number 68DP-P12-38CR5E27

Product Name Drago 12 Par 38 E27

Product Ordering Drago Par 38 E27 13W

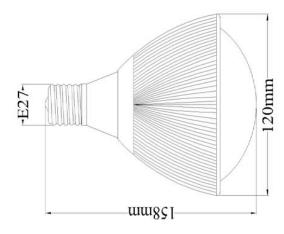
Name

Product Technical Drawing

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Electrical Characteristics

Wattage 13 W



U-Tron Drago Par 30

68DP-P12-30CR5E27



12 Watt Drago PAR 30 Product Technical Data

General Information

Socket Type E27

Life Span 50000 hr

Product Dimensions

Oval Dimensions 95 mm

Height 102 mm



Light Characteristics

Efficacy 66.65 lm/W

Beam Angle 165 D

CCT 4000K

Flux 800 lm

Color Rending 75

Index

Ordering Information

Product Number 68DP-P12-30CR5E27

Product Name Drago Par 30

Product Ordering Drago Par 30 12W

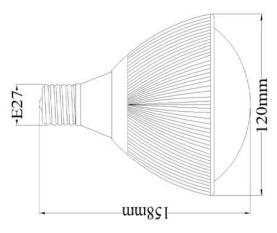
Name

Product Technical Draw-

ing

Electrical Characteristics

Wattage 12 W



U-Tron Drago Par 20

68DP-P03-20CR5E27



3.4 Watt Drago PAR 20 Product Technical Data

General Information

Socket Type E27

Life Span 50000 hr

Product Dimensions

Oval Dimensions 60 mm

Height 85 mm



Light Characteristics

Efficacy 122 lm/W

Beam Angle 150 D

CCT 4000K

Flux 417 lm

Color Rending 80

Index

Ordering Information

Product Number 68DP-P03-20CR5E27

Product Name Drago Par 20

Product Ordering Drago Par 20417Im

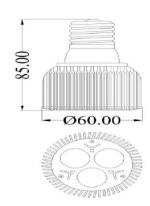
Name 60mm 3.4W

Product Technical Draw-

ing

Electrical Characteristics

Wattage 3.4 W



U-Tron Extendum T8 LED Tube Light



Light features:

U-Tron's Extendum T8 LED Tube Lights are <u>the</u> environmentally friendly and cost efficient answer to traditional T8 tube lights. Besides a perfect retrofit for 4 different tubes, Extendum T8 also offers great quality lighting in different colors, such as Cool White, Warm White & Natural White. U-Tron's signature design allows for a brightness that is equal to traditional tube lights, with consistent coverage. The Extendum is the perfect solution for general indoor lighting applications, such as offices, shops, and homes.

Safety is a very important aspect. Extendum T8 LED Tube Lights have been tested extensively and safe usage and replacement are

guaranteed.

U-Tron Extendum T-8 Tube light 1500mm



68T8-200-N1529

29 Watt Extendum T8 Tube Product Technical Data

General Information

Socket Type G13

Life Span 50000 hr



Light Characteristics

Efficacy 75.65 lm/W

Beam Angle 165 D

CCT 4000K

Flux 2245 lm

Color Rending 75

Index

Product Dimensions

Oval Dimensions 26 mm

Bipin Distance B1 127 mm

Mounting Hole 26 mm

Distance D2

Length L1 1513 mm

Length L2 1501 mm

Ordering Information

Product Number 68T8-200-N1529

Product Name Extendum T-8

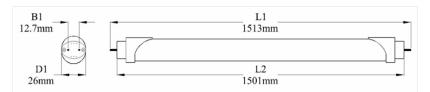
Product Ordering Extendum T8 2245lm

Name 1500mm 29 W G13

Product Technical Drawing

Electrical Characteristics

Wattage 29 W



U-Tron Extendum T-8 Tube light 1200mm



68T8-160-N1221

21 Watt Extendum T8 Tube Product Technical Data

General Information

Socket Type G13

Life Span 50000 hr



Light Characteristics

Efficacy 80.90 lm/W

Beam Angle 165 D

CCT 4000K

Flux 1700 lm

Color Rending 75

Index

Product Dimensions

Oval Dimensions 25 mm

Bipin Distance B1 127 mm

Mounting Hole 31 mm

Distance D2

Length L1 1215 mm

Length L2 1203 mm

Ordering Information

Product Number 68T8-160-N1221

Product Name Extendum T-8

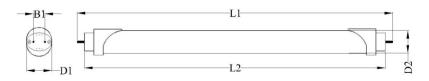
Product Ordering Extendum T8 1700lm

Name 1200mm 21 W G13

Product Technical Drawing

Electrical Characteristics

Wattage 21 W



U-Tron Extendum T-8 Tube light 600mm



68T8-080-06C11

11.6 Watt Extendum T8 Tube Product Technical Data

General Information

Socket Type G13

Life Span 50000 hr



Light Characteristics

Efficacy 87.09 lm/W

Beam Angle 160 D

CCT 4000K

Flux 1000 lm

Color Rending 70.3

Index

Product Dimensions

Oval Dimensions 26 mm

Bipin Distance B1 12.7 mm

Mounting Hole 26mm

Distance D2

Length L1 605 mm

Length L2 592 mm

Ordering Information

Product Number 68T8-080-06C11

Product Name Extendum T-8 600mm

Product Ordering Extendum T8 1002lm

Name 600mm 11.6 W G13

Product Technical Drawing

Electrical Characteristics

Wattage 11.6 W



U-Tron Extendum T-8 Tube light 300mm



68T8-040-06W11

6 Watt Extendum T8 Tube Product Technical Data

General Information

Socket Type G13

Life Span 50000 hr



Light Characteristics

Efficacy 83.00 lm/W

Beam Angle 160 D

CCT 4000K

Flux 500 lm

Color Rending 75

Index

Product Dimensions

Oval Dimensions 26 mm

Bipin Distance B1 12.7 mm

Mounting Hole 26mm

Distance D2

Length L1 313 mm

Length L2 300 mm

Ordering Information

Product Number 68T8-040-06W11

Product Name Extendum T-8 300mm

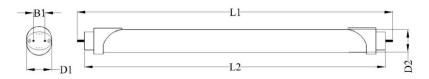
Product Ordering Extendum T8 500lm

Name 300mm 6W

Product Technical Drawing

Electrical Characteristics

Wattage 6 W



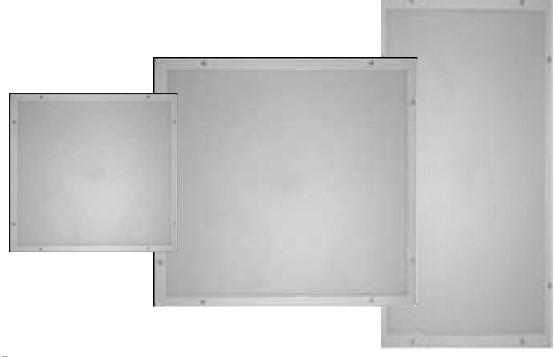
Panel LED light

Milkyway

www.ledmilkyway.com

Light features:

U-Tron's super flat, low power consuming and elegant Milkyway LED Panel using the edge Light technology to bring you the perfect solution for any situation that requires elegant and subtle lighting. The Milkyway LED Panel Light is very suitable for residential lighting, but also for hotels, restaurants and shops. Its low power consumption and slim form make it convenient for every location.



U-Tron Milkyway 300x300

68MW-028-W5050



45 Watt Milkyway Panel Product Technical Data

General Information

Heatsink 6063-T5

Aluminum Alloy

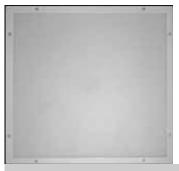
Life Span 50000 hr

Product Dimensions

Lamp Length 300 mm

Lamp Width 300 mm

Lamp Height 15mm



Light Characteristics

Efficacy 73.3 lm/W

Beam Angle 120 D

CCT 2700K

Flux 1100 lm

Color Rending In- 85

dex

Ordering Information

Product Number 68MW-028-W5050

Product Name Milkyway LED Panel Light

Product Ordering Milkyway 300x300x15 1100

Name Im 15 W

Product Technical Drawing

Electrical Characteristics

Wattage 45 W

Voltage Universal

2012/6/23

U-Tron Milkyway 600x1200

68MW-112-W5050



60 Watt Milkyway Panel Product Technical Data

General Information

Heatsink 6063 T-5

Aluminum Alloy

Life Span 50000 hr

Product Dimensions

Lamp Length 600 mm

Lamp Width 1200 mm

Lamp Height

15mm



Light Characteristics

Efficacy 73.3 lm/W

Beam Angle 120 D

CCT 2700K

Flux 4400 lm

Color Rending In- 85 dex

Ordering Information

Product Number 68MW-112-W5050

Product Name Milkyway 600x1200

Product Ordering Milkyway 600x1200 4400lm

Name 60 W WR4

Product Technical Drawing

Electrical Characteristics

Wattage 60 W

U-Tron Moon Light Series LED Down lights



Light features:

U-Tron's manufactures many kinds of down lights. We named them the Moon Light series. From the 10Watt slimmest Moon Light to the 50 Watt Recessed will deliver unparallel brightness. It is great for hotels or office applications. These are non intrusive and comes in many forms and factors.



U-Tron Moon Light Series—Ultra Thin

68ML-150-CSMD



12 Watt Ultra thin Moon-Light Product Technical Data

General Information

Heat sink 6063 T-5

Aluminum Alloy

Life Span 50000 hr

Product Dimensions

Diameter 182 mm

Open Hole Diameter 163mm

Height 29mm



1500 lm

Light Characteristics

Efficacy 125 lm/W

Beam Angle 160 D

CCT 2700K

Color Rending 87

Index

Flux

Ordering Information

Product Number 68ML-150-CSMD

Product Name Moon Light 150C

Product Ordering Moon Light 150 1500lm

Name

Product Technical Drawing

Electrical Characteristics

Wattage 12 W



U-Tron 5" Recessed Moon Light

68ML-RS5-WW17



17 Watt Recessed Moon-Light Product Technical Data

General Information

Heatsink 6063 T-5

Aluminum Alloy

Life Span 50000 hr



Light Characteristics

Efficacy 64 lm/W

Beam Angle 60D

CCT 2700K

Flux 1134 lm

Color Rending 83

Index

Electrical Characteristics

Wattage 17 W

Voltage Universal

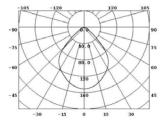
Product Dimensions

Diameter 130mm

Open Hole Diameter 125mm

Height 70mm

Philips FORTIMO inside



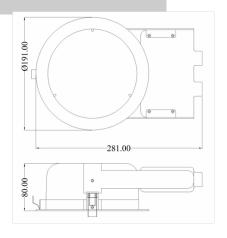
Ordering Information

Product Number 68ML-RS5-WW17

Product Name Moon Light 5"

Product Ordering Moon Light RS 5" CR5

Name



U-Tron 7" Recessed Moon Light

68ML-RS7-BC17



17 Watt Recessed Moon-Light Product Technical Data

General Information

Heatsink 6063 T-5

Aluminum Alloy

Life Span 50000 hr

Product Dimensions

Diameter 190mm

Open Hole Diameter 178mm

Height 80mm



Light Characteristics

Efficacy 75 lm/W

Beam Angle 60 D

CCT 6500K

Flux 1352lm

Color Rending 71

Index

Electrical Characteristics

Wattage 17 W

Voltage Universal

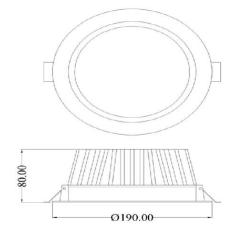
Ordering Information

Product Number 68ML-RS7-BC17

Product Name Moon Light 7"

Product Ordering Moon RS 7" CR5

Name



U-Tron "L" Moon Light

68ML-RL7-WC16



16 Watt Recessed Moon-Light Product Technical Data

General Information

Heatsink 6063 T-5

Aluminum Alloy

Life Span 50000 hr



Light Characteristics

Efficacy 62.5 lm/W

Beam Angle 60 D

CCT 2600K

Flux 1352 lm

Color Rending 85

Index

Electrical Characteristics

Wattage 16 W

Voltage Universal

Product Dimensions

Diameter 191 mm

Open Hole Diameter 178mm

Height 80mm

Philips Inside

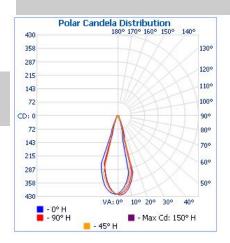
Ordering Information

Product Number 68ML-RL7-WC16

Product Name Moon Light L

Product Ordering Moon light RL 1000lm

Name 7inch 16W CR5



U-Tron Andromeda Series



Light features:

Andromeda LED can be waterproof module, or just for indoor, is a perfect solution for any decorative LED application for indoor or outdoor use. Each meter consists of 100 medium output LEDs to ensure optimal result. It is a low wattage LED that ensure energy efficient and low cost solution.





U-Tron Andromeda Series

68ML-RGB-WTC3-A



1 Watt Andromeda Backlight Modules Product Technical Data

General Information

Max Connection 30 Leg

Life Span 20000

hr



Color Parameters

Red 625-630NM

Amber 595NM

Cool White 1 7000K

Cool White 2 5100K

White 3 4200K

Warm White 4 3500K

Warm White 5 2800K

Green 520NM

Blue 470NM

Product Dimensions

Total Length 95 mm

Body Length 77 mm

Hole to Hole 87 mm

Distance

Width 18 mm

Height 10 mm

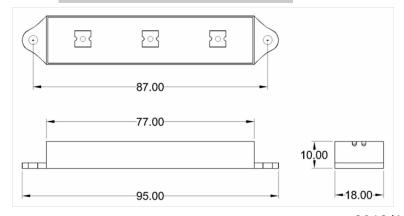
Ordering Information

Product Number 68ML-RGB-WTC3-A

Product Name Andromeda LED Module

Product Ordering Trichip LED 5050 12 V 0.72

Name W



U-Tron Andromeda LED Rope Series

68AN-ROP-WP30K



10 Watt per Meter Andromeda Ropes Technical Data

General Information

Socket Type AC Plug

Life Span 20000 hr



Product Dimensions

Total Length 2 meters

Body Length 1.9 Meters

Hole to Hole 87 mm

Distance

Width 7 mm

Height 13.5 mm

Light Characteristics

Efficacy 29.57 lm/W

Beam Angle 150 D

CCT 3000K

Flux 600 lm

Color Rending In- 66

dex

Ordering Information

Product Number 68AN-ROP-WP30K

Product Name Andromeda Rope Light

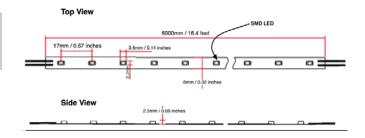
Product Ordering Andromeda Rope Light Wa-

Name terproof 3000K

Product Technical Drawing

Electrical Characteristics

Wattage 20 W



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.

For more up-to-date information please visit www.U-Tron.com

| hoto | Product Name/Logo | Ordering Part Num- ber | Socket Type | Watt | CCT | Lumens | Dimma- ble? | Efficacy Im/W | Efficacy Im/W | Replacement Value | ΩΤΥ | Price |
|------|----------------------------|---------------------------------|----------------|------|-------|--------|----------------|------------------|---|-----------------------|-----|-------|
| | Comet Spotlight | 6870-P03-WQ5M16 | MR16 | 3 | 2700K | 321 | Yes | 94.41 | Number of LED: 3 Cree Chips Input Voltage: 12v DC/AC Dimension: 50mm Diameter | Halogen 20- 30W | | |
| | Comet Spotlight | 6870-P55-WQ5M16 | MR16 | 5.5 | 2700K | 450 | Yes | 81.82 | Number of LED: 3 Cree Chips Input Voltage: 12v DC/AC Dimension: 50mm Diameter | Halogen 50W | | |
| | COMET G53 6chip 12V | 6870-P06-CG53DC9 | G53 | 6.5 | 2700K | 552 | Yes | 84.92 | Number of LED: 6 Cree Chips Input Voltage: 12v DC/AC Dimension: | 50W Halogen | | |
| | COMET 653 9chip 12V | 6870-P09-CG53DC9 | G53 | 10 | 2700K | 828 | Yes | 82.80 | Number of LED: 9 Cree Chips Input Voltage: 12v DC/AC Dimension: | 50W Halogen | | |
| | LED Helios 4 | 5 [®] 6850-P04-CR5E27 | E27 | 5 | 5500K | 400 | Yes | 80.00 | Number of LED: 4 Cree Chips Input Voltage: Universal Dimension: | 60W Incandes- cent | | |
| | LED Helios 4 | 05 [®] 6850-P04-WQ5E27 | E27 | ū | 2700K | 556 | Yes | 111.20 | Number of LED: 4 Cree Chips Input Voltage: Universal Dimension: | 60W Incandes- cent | | |

| hoto | Product Name/Logo | Ordering Part Num- ber | Type Watt | Watt | ССТ | Lumens | Dimma- ble? | Efficacy Im/W | Efficacy Im/W | Replacement Value | ΩΤΥ | Price |
|------|-------------------|----------------------------------|------------------|------|-------|--------|----------------|------------------|--|-----------------------|-----|-------|
| | LED Helios Jr. | 10.5 6853-P03-CR5E27 | E27,E14 ,GU10 | ω | 5500K | 320 | Yes | 106.67 | Number of LED: 3 Cree Chips Input Voltage: Universal Dimension: | 40W Incandes- cent | | |
| | LED HEIlos Jr. | 105 [®] 6853-P03-WQ5E27 | E27,E14 ,GU10 | ω | 2700K | 250 | Yes | 83.33 | Number of LED: 3 Cree Chips Input Voltage: Universal Dimension: | 40W Incandes- cent | | |
| | LED LELIO5® | 6852-P03-WQ5E27 | E27 | 3.8 | 2700K | 300 | Yes | 78.95 | Number of LED: 3 Cree Chips Input Voltage: Universal Dimension: | 40W Incandes- cent | | |
| | 21-Candle | 6855-LQ1-WW3W | E14 | ω | 2700K | 255 | YES | 85.00 | Number of LED: 3 Cree Chip Input Voltage: Universal Dimension: | 25W Incandes- cent | | |
| | 21-Candle | 6855-LQ1-WW3W | E14 | ω | 2700K | 255 | YES | 85.00 | Number of LED: 3 Cree Chip Input Voltage: Universal Dimension: | 25W Incandes- cent | | |
| | DRAGO Par 38 | 68DP-P12-38WQ5 | E27 | 11.7 | 2700K | 1115 | Yes | 95.30 | Number of LED: 12 Cree Chips Input Voltage: Universal Dimension: | 80W Halogen | | |

| | | | | | | hoto | |
|--|--|--|---|---|--|------------------------------|--|
| MoomLight | Moom Lighte | Moom Light Recessed L | Moom Light | DRAGO Par 20 | DRAGO Par 30 | Product Name/Logo | |
| 68DP-P05-53WQ512 | 68ML-RS7-BC15 | 68ML-RL7-WC16 | 1168ML-RS5-WC10 | 68DP-P12-20CR5E27 | 68DP-P12-30WQ5 | Ordering Part Num- ber | |
| Hard wired | Hard wired | Hard wired | Hard wired | E27 | E27 | Socket Type | |
| 12 | 10 | 16 | 17 | 3.4 | ъ | Watt | |
| 2500K | 2700K | 2700K | 2700K | 2700K | 2700K | CCT | |
| 900 | 1000 | 1000 | 1134 | 417 | 475 | Lumens | |
| Yes | Yes | Yes | Yes | Yes | Yes | Dimma- ble? | |
| 75.00 | 100.00 | 62.50 | 66.71 | 122.65 | 95.00 | Efficacy Im/W | |
| Number of LED: 5 Cree Chips Input Voltage: Universal Dimension: 111 Diameter | Number of LED: 12 Cree Chips Input Voltage: Universal Dimension: | Number of LED: 12 Cree Chips Input Voltage: Universal Dimension: 130mm | Number of LED: 12 Cree Chips Input Voltage: Universal Dimension: 130mm Diameter | Number of LED: 6 Cree Chips Input Voltage: Universal Dimension: | Number of LED: 12 Cree Chips Input Voltage: Universal Dimension: | Efficacy Im/W Description | |
| 35W G53 Replacement | comparable to the traditional 2 x 13W CFL down light | comparable to the traditional 2 x 13W CFL down | comparable to the traditional 2 x 13W CFL down light | 50W Halogen | 80W Halogen | Replacement Value | |
| | | | | | | QTY | |
| | | | | | | Price | |

| Chille Clark | | | | | | ⁹ hoto |
|--|---|---|--|--|---|--------------------------------|
| ************************************** | EXTENDUM ISOO | EXTENDUM 1200 68T8-160-N1221 | EXTENDUM I I I I I I I I I I I I I I I I I I I | EXTENDUM JOOMM | MoomLight | Product Name/Logo |
| 68ML-RGB-WTC3-A | 68T8-200-N1525 | 58T8-160-N1221 | 68T8-080-N0611 | 68T8-040-N0306 | 168ML-150-CSMD | Ordering Part Num- Socket Watt |
| Hard Wired | G13 | G13 | G13 | G13 | Hard wired | Socket Type |
| 0.72 | 29 | 21 | 11 | 6 | 12 | Watt |
| Varies Depend- ing on Color | 4000K | 4000K | 4000k | 4000K | 2700K | ССТ |
| 09 | 2245 | 1700 | 1002 | 500 | 1500 | Lumens |
| Yes | No | No | No | No | Yes | Dimma- ble? |
| 88.88 | 77.41 | 80.95 | 91.09 | 83.33 | 125.00 | Efficacy Im/W |
| Number of LED: 3 Cree Chips Input Voltage: Universal Dimension: Varies depending on length | Number of LED: 200 Cree Chips Input Voltage: Universal Dimension: 50mm Diameter | Number of LED: 160 Cree Chips Input Voltage: Universal Dimension: 50mm Diameter | Number of LED: 80 Cree Chips Input Voltage: Universal Dimension: 50mm Diameter | Number of LED: 40 Cree Chips Input Voltage: Universal Dimension: 50mm Diameter | Number of LED: Cree Chips Input Voltage: Universal Dimension: | Efficacy Im/W |
| | 80w Fluores- cent | 58w Fluores- cent | 18w Fluores- cent | | comparable to the traditional 2 x 13W CFL down light | Replacement Value |
| | | | | | | QTY |
| | | | | | | Price |

| | | | Photo |
|--|--|--|--|
| Milkyway Panel Light | Milkyway Panel Light | *Andromeda* *Andromeda* * * * * * Andromeda Rope Light | Product Name/Logo ber Ordering Part Num- Socket Watt |
| 68MW-112-W5050 | 68MW-028-W5050 | 68AN-ROP-WP30K | Ordering Part Num- ber |
| Hard wired | Hard wired | AC Plug | Socket Type |
| 60 | 45 | 20 | Watt |
| 4000K | 4000K | 3000K | ССТ |
| 4400 | 3000 | 600 | Lumens |
| Yes | Yes | Yes | Dimma- ble? |
| 73.33 | 66.67 | 30.00 | Efficacy lm/W |
| Number of LED: Varies depending on Length Input Voltage: Universal Dimension: Varies depending on length | Number of LED: Varies depending on Length Input Voltage: Universal Dimension: Varies depending on length | Number of LED: Varies depending on Length Input Voltage: Universal Dimension: Varies depending on length | Dimma- Efficacy ble? Im/W |
| 2 x 58 W Fluo- rescent Tube Lights | 2 x 18 W Fluo- rescent Tube Lights | | Replacement QTY Value |
| | | | ΩΤΥ |
| | | | Price |

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