

China Corporate Office

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Moonlights



Data Sheet Moonlights



U-Tron's Moon Light's brightness is unparalleled. It is great for home or office applications. It is non-intrusive and you will not even know it is there.

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

Our Vision

To be a company exercising leadership in applying high technology to improving the quality of life and protecting the environment.

Our Mission

U-Tron is a customer-focused provider of innovative solutions for the Communication, Lighting, and Transportation markets. We are committed to employing advanced technologies with the highest level of quality, service and value to our family of employees, customers and suppliers through a process of continuous improvement.

Our Promise

U-Tron promises leading-edge solutions with superior customer service, and delivers the highest quality products built with integrity and pride.

Who we are

We are an Engineering company specializing in Telecommunications, Intelligent Transportation Systems, and Data, Voice and Video transmission. We design, develop and manufacture High Power LED luminaries to serve the ITS and other applications.

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 reserve 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.

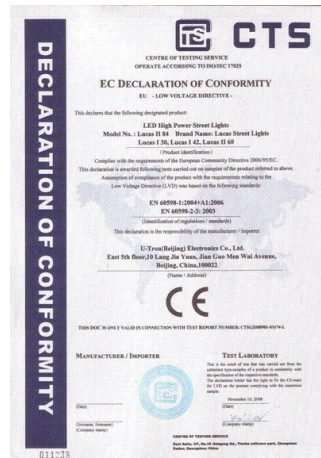
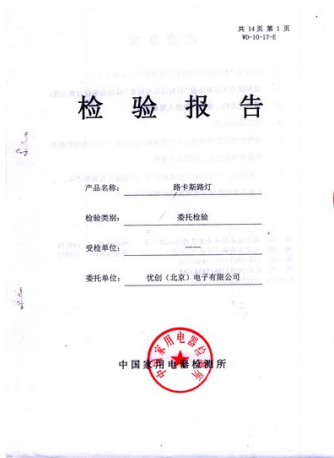
Safety Compliance

U-Tron products meets UL, CSA, CE and CCC safety requirements: Our factories are ISO 9000 certified and follow PRC Electronics Manufacturing disciplines through out the process.



Underwriters Lab Safety Compliance

Canadian Safety Assurance



China CCC certifications

EU Commodity Compliance



68ML-RS4 Series

Ultrathin Moonlight 6W Technical Data

General Information	
Life Span	50000hr
Driver	External IP67 Driver
Electrical Characteristics	
Wattage	6W
Voltage	universal
Power Factor	0.942
Temperature	
Operating Temp.	-40(min), 45(max)C
Storage	-40(min), 65(max)C

Light Characteristics	
Efficacy	110lm/W
Beam Angle	160 D
CCT	2700-3000K, 4500-5000K
Flux	660lm
Color Rending Index	85
Product Dimensions	
Diameter	120mm
Cut Out	110mm or 4.3Inches
Height	25mm

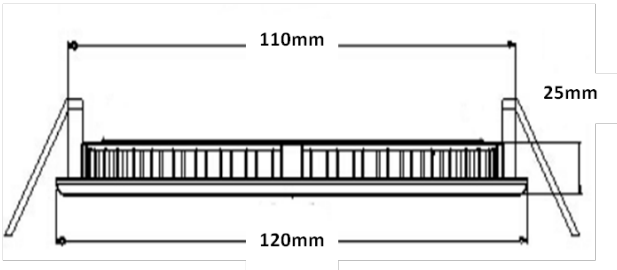
Ordering Information			
Product Name	Ultrathin Moonlight 6W 660lm Cool White	Ultrathin Moonlight 6W 660lm Natural White	Ultrathin Moonlight 6W 660lm Warm White
Product Number	68ML-RS4-CQ6Y	68ML-RS4-NQ6Y	68ML-RS4-WQ6Y
Barcode	694606436407	694606436506	694606436308
Pieces Per Pack	1		
Packs Per Carton	1		
Net Weight Per Piece	215 Grams		

Safety and Environmental Compliance	
IP Rating	IP 54 Indoor Dry Area
Certifications	UL, CSA, CE, GB7000 and CCC
Manufacturing Standards	GB120543



Mechanical and Lighting Description

Ultrathin Moonlight 120mm X 25mm 6w



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Proper illumination is essential for the optimization of safety, comfort and productivity in the classrooms; workplace lighting also dictates quality of perception, mood, and performance levels of the students.

U-Tron's slimmest light, the Moon Light's brightness is unparalleled. It is great for home or office applications. It is non-intrusive and you will not even know it is there.

Wiring and Installation Guide

Wiring Diagram:



Installation Instructions:

1. Thanks to the WAGO and the U-Tron engineers now you can wire the Twistable Recessed Moonlight without any special tools and materials. Just use the supplied WAGO connectors with 3 positions as shown here to the mains and keep continuing up to 12 any size Twistable Recessed Moonlight in a single parallel connection.
2. The Moonlights are made to fit all standard false ceilings with any dimensions.
3. In addition, if spring loading is required, you can attach the supplied clips to hold on to the reinforcement of the ceilings.
4. Drivers and the Moonlights are shipped separately. Always connect the Moonlights to the Drivers using the mating connectors before powering the drivers.

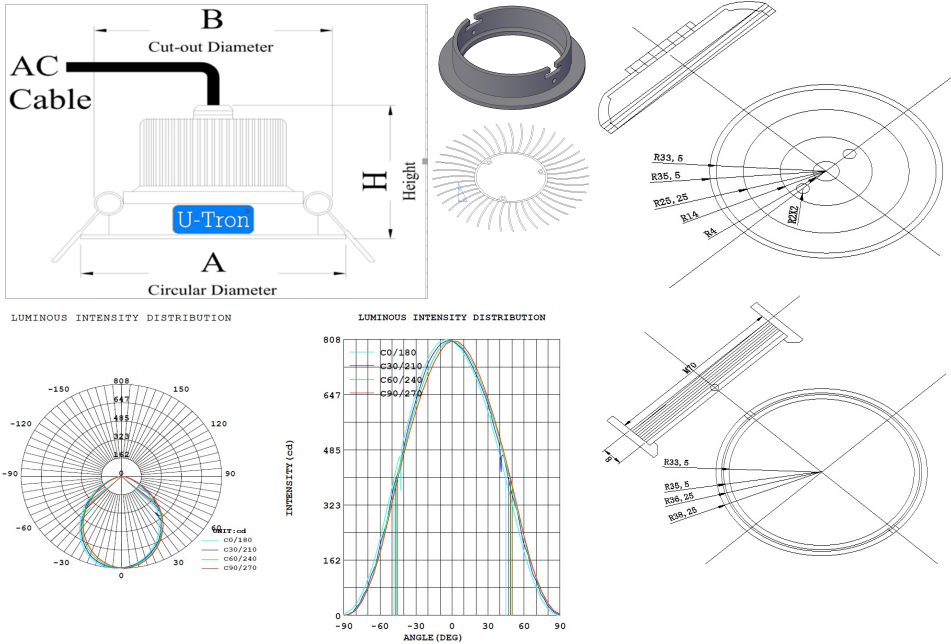


2 WAGO 3-position connectors are supplied with each Panel for electrical wiring.

This applies to all Moonlight Panels

Twistable Recessed Moonlight 110mmx100 9w

Ultrathin Moonlight 9W Technical Data



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U-Tron's Dimmable, Twistable Moon Lights says it on its name. When you need to the light to shine in an angle, this lights will become very handy. This come only in one size that is 95 mm cutout and 7 Watt power. Great for Home, Public places, Meeting rooms, Hotel and Museums when highlighting the wall hanging displays.

General Information		Light Characteristics	
Life Span	50000hr	Efficacy	110lm/W
Driver	External IP 67 Driver	Beam Angle	160 D
Electrical Characteristics		CCT	2700-3000K, 4500-5000K
Wattage	9W	Flux	990lm
Voltage	universal	Color Rendering Index	85
Power Factor	0.942	Product Dimensions	
Temperature		Diameter	145mm
Operating Temp.	-40(min), 45(max)C	Cut out	135mm or 5.3Inches
Storage	-40(min), 65(max)C	Height	25mm

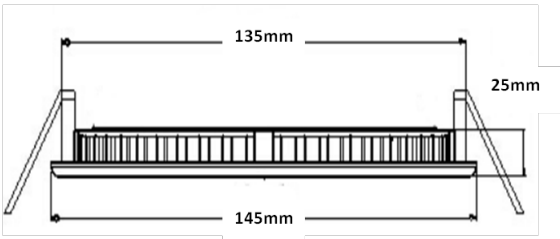
Ordering Information			
Product Name	Moon Light 9W 990lm Cool White	Moon Light 9W 990lm Natural White	Moon Light 9W 990lm Warm White
Product Number	68ML-RS4-CQ9Y	68ML-RS4-NQ9Y	68ML-RS4-WQ9Y
Barcode	694606436605	694606436803	694606436704
Pieces Per Pack	1		
Packs Per Carton	1		
Net Weight Per Piece	315 Grams		

Safety and Environmental Compliance	
IP Rating	IP 54 Indoor Dry Area
Certifications	UL, CSA, CE, GB7000 and CCC
Manufacturing Standards	GB120543



Mechanical and Lighting Description

Ultrathin Moonlight 145mm X 25mm 9w



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Proper illumination is essential for the optimization of safety, comfort and productivity in the classrooms; workplace lighting also dictates quality of perception, mood, and performance levels of the students.

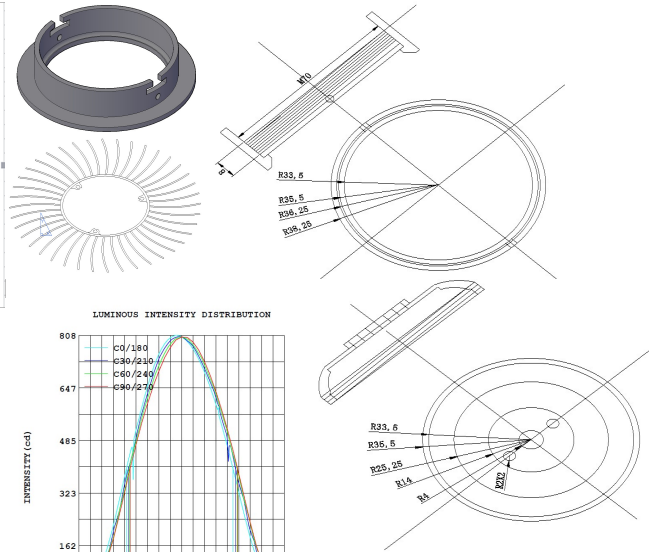
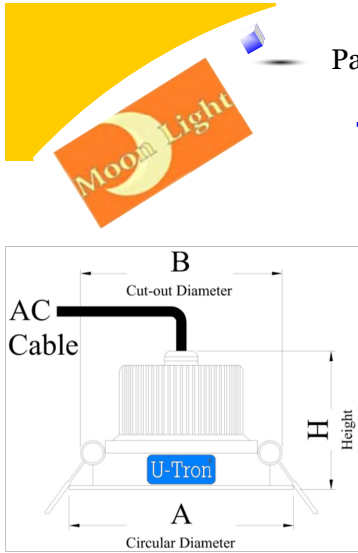
U-Tron's slimmest light, the Moon Light's brightness in unparallel. It is great for home or office applications. It is non-intrusive and you will not even know it is there.

{ 68ML-RT4 Series

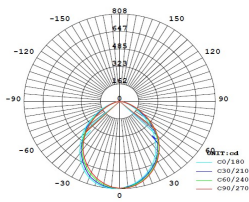
Twistable Recessed Moonlight 9W Technical Data

General Information		Light Characteristics	
Life Span	50000hr	Efficacy	110lm/W
Driver	Internal IP 67 Driver	Beam Angle	160 D
Electrical Characteristics		CCT	2700-3000K, 4500-5000K
Wattage	9W	Flux	990lm
Voltage	universal	Color Rending Index	85
Power Factor	0.942	Product Dimensions	
Temperature		Diameter	110mm
Operating Temp.	-40(min), 45(max)C	Cut out	95mm
Storage	-40(min), 65(max)C	Height	100mm
Ordering Information			
Product Name	Moon Light Recessed Twistable 9W 990lm Cool White	Moon Light Recessed Twistable 9W 990lm Natural White	Moon Light Recessed Twistable 9W 990lm Warm white
Product Number	68ML-RT4-CW9	68ML-RT4-NW9	68ML-RT4-WW9
Barcode	694606438401	694606438500	694606438609
Pieces Per Pack	1		
Packs Per Carton	1		
Net Weight Per Piece	300 Grams		
Safety and Environmental Compliance			
IP Rating	IP 54 Indoor Dry Area		
Certifications	UL, CSA, CE, GB7000 and CCC		
Manufacturing Standards	GB120543		

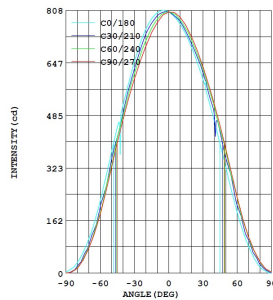
Twistable Recessed Moonlight 110mmx100 7w



LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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68ML-RS4 Series

Ultrathin Moonlight 12W Technical Data

General Information	
Life Span	50000hr
Driver	External IP 67 Driver
Electrical Characteristics	
Wattage	12W
Voltage	universal
Power Factor	0.942
Temperature	
Operating Temp.	-40(min), 45(max)C
Storage	-40(min), 65(max)C

Light Characteristics	
Efficacy	110lm/W
Beam Angle	160 D
CCT	2700-3000K, 4500-5000K
Flux	1320lm
Color Rendering Index	85
Product Dimensions	
Diameter	175mm
Cut out	160mm or 6.3Inches
Height	25mm

Ordering Information

Product Name	Moon Light 12W 1320lm Cool White	Moon Light 12W 1320lm Natural White	Moon Light 12W 1320lm Warm White
Product Number	68ML-RS4-CQ12Y	68ML-RS4-NQ12Y	68ML-RS4-WQ12Y
Barcode	694606437305	694606437503	694606437404
Pieces Per Pack	1		
Packs Per Carton	1		
Net Weight Per Piece	415 Grams		

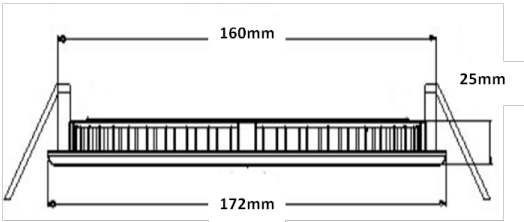
Safety and Environmental Compliance

IP Rating	IP 54 Indoor Dry Area
Certifications	UL, CSA, CE, GB7000 and CCC
Manufacturing Standards	GB120543



Mechanical and Lighting Description

Ultrathin Moonlight 172mm X 25mm 12w



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68ML-RT4 Series

Twistable Recessed Moonlight 7W Technical Data

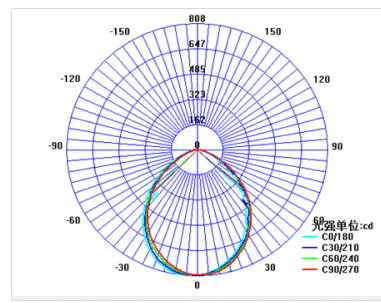
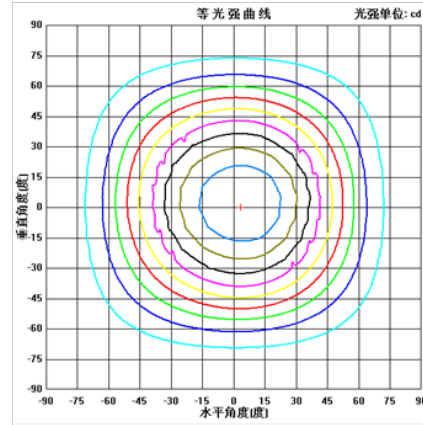
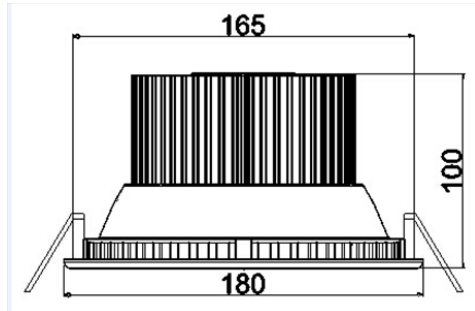
General Information		Light Characteristics	
Life Span	50000hr	Efficacy	110lm/W
Driver	Internal IP 67 Driver	Beam Angle	160 D
Electrical Characteristics		CCT	2700-3000K, 4500-5000K
Wattage	7W	Flux	770lm
Voltage	universal	Color Rending Index	85
Power Factor	0.942	Product Dimensions	
Temperature		Diameter	110mm
Operating Temp.	-40(min), 45(max)C	Cut out	95mm
Storage	-40(min), 65(max)C	Height	100mm
Ordering Information			
Product Name	Moon Light Recessed Twistable 7W 770lm Cool White	Moon Light Recessed Twistable 7W 770lm Natural White	Moon Light Recessed Twistable 7W 770lm Warm white
Product Number	68ML-RT4-CW7	68ML-RT4-NW7	68ML-RT4-WW7
Barcode	694606437602	694606437701	694606437800
Pieces Per Pack	1		
Packs Per Carton	1		
Net Weight Per Piece	300 Grams		
Safety and Environmental Compliance			
IP Rating	IP 54 Indoor Dry Area		
Certifications	UL, CSA, CE, GB7000 and CCC		
Manufacturing Standards	GB120543		



Mechanical and Lighting Description

68ML-175 Series

Backlit Moonlight 180mm X 100mm 30w



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Proper illumination is essential for the optimization of safety, comfort and productivity in the classrooms; workplace lighting also dictates quality of perception, mood, and performance levels of the students.

U-Tron's BackLit Moon Lights are the brightest in the market when you purchase a 7 inch (6 inch cut out) recessed down lights. You can fit into the same cut-out you always had but increase the brightness of your lights by many folds. It is great for commercial, home or office applications.

Ultrathin Moonlight 13W Technical Data

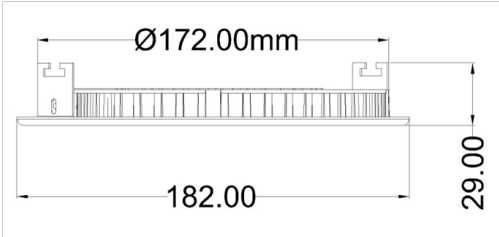
General Information		Light Characteristics	
Life Span	50000hr	Efficacy	110lm/W
Driver	External IP 67 Driver	Beam Angle	160 D
Electrical Characteristics		CCT	2700-3000K, 4500-5000K
Wattage	13W	Flux	1430lm
Voltage	universal	Color Rendering Index	85
Power Factor	0.942		
Temperature		Product Dimensions	
Operating Temp.	-40(min), 45(max) C	Diameter	182mm
Storage	-40(min), 65(max)C	Cut out	172-175mm Or 7 inches
		Height	29mm

Ordering Information			
Product Name	Moon Light 13W 1430lm Cool White	Moon Light 13W 1430lm Natural White	Moon Light 13W 1430lm Warm White
Product Number	68ML-175-CW13	68ML-175-NW13	68ML-175-WW13
Barcode	694606434007	694606434106	694606434205
Pieces Per Pack	1		
Packs Per Carton	1		
Net Weight Per Piece	500 Grams		

Safety and Environmental Compliance	
IP Rating	IP 54 Indoor Dry Area
Certifications	UL, CSA, CE, GB7000 and CCC
Manufacturing Standards	GB120543



Ultrathin Moonlight 180mm X 29mm 13w



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68ML-T18 Series

Backlight Moonlight 30W Technical Data

General Information	
Life Span	50000hr
Driver	External IP 64 Driver
Electrical Characteristics	
Wattage	30W
Voltage	universal
Power Factor	0.942
Temperature	
Operating Temp.	-40(min), 45 (max)C
Storage	-40(min), 65 (max)C

Light Characteristics	
Efficacy	110lm/W
Beam Angle	160 D
CCT	2700-3000K, 4500-5000K
Flux	3300lm
Color Rendering Index	85
Product Dimensions	
Diameter	180mm
Cut out	165mm or 6.5 inches
Height	100mm

Ordering Information			
Product Name	Moon Light Backlight 30W 3300lm Cool White	Moon Light Backlight 30W 3300lm Natural White	Moon Light Backlight 30W 3300lm Warm White
Product Number	68ML-T18-C30EU070	68ML-T18-N30EU070	68ML-T18-W30EU070
Barcode	694606437206	694606437107	694606437008
Pieces Per Pack	1		
Packs Per Carton	1		
Net Weight Per Piece	815 Grams		

Safety and Environmental Compliance	
IP Rating	IP 54 Indoor Dry Area
Certifications	UL, CSA, CE, GB7000 and CCC
Manufacturing Standards	GB120543

