



LED Corn Light Bulb

RGL-ARIES-S-CLW-VII-18W xxxx-xx

Advantage

- UL、cUL certificate. DLC 5 Listed
- E26 lamp base options
- New 145 Lumen to Watt LEDs & 360 degree lighting.
- IP64 Waterproof Rating.
- Big heat sink, NO fans, cool running LEDs
- Ultra-Performance Driver with 6KV Surge Protection Built in
- Sealant poured driver and lamp plastic housing.
- Internal driver, input voltage AC100-277V, air gapped from LEDs.
- Sealant pouring for whole driver and lamp housing.
- New style and high efficient wide-range input. Long lifespan and good heat dissipation.
- Direct replacement for Metal Halide or HPS (ballast removal required), easy Installation, Fits many different fixtures



Application

Any E26 fixture. Self driven, no additional drivers needed.

*not ballast compatible

PRODUCT SPECIFICATIONS	
Product name	LED Corn Light Bulb – Aries S Series
SKUs	E39: 33-420 (3000K) 33-414 (4000K) 33-408 (5000K) 33-402 (5700K)
Part No	RG-ARIES-S-CLW-18W
Lamp Base	E26
Dimension	Φ65 *145 MM
Technical Characteristic	
Cover	Clear
Color temperature	3000K、 3500K、 4000K、 4500K、 5000K、 5700K
CRI	> 83
Lumen-In Luminaires	2300-2900 LM
Lumen Efficacy-In Luminaires	130-145 LM/W (clear)
Input Power	18 watts
Viewing Angle	360 degree
Input Voltage	AC100-277V 50/60Hz
Power Factor and THD	>0.92 / <15%
Equivalent	42W CFL, 70W MHL/HPS/HID
Waterproof Rating	IP64
MATERIALS	
LED Type	Lumiled / Samsung SMD2835
LED QTY	64 PCS
Housing	Aluminum + PC
Housing color	Silver / White
OTHERS	
Operating Temperature	-40°C TO 45°C
Operating Humidity	20%-70% RH
Storage Temperature	-40°C TO 80°C
Storage Humidity	10%-75% RH
Application	Indoor/Outdoor
Safety Certification	UL、 CUL、 DLC
Warranty Time	5 Year Rock Solid





BUILT-IN 6 KV SURGE PROTECTION

ARIES S SERIES 18 WATT LED CORN BULB

Great added protection to ensure a long bulb life

E26 BASE (1" / 26MM)
EASY RETROFIT INSTALL 

100-277 VOLT
COMPATIBLE 

50,000+ HR LIFE 






18 W / 2340 LUMENS

Aries Corn Bulbs, E26 Standard base

Ideal for replacing 50 watt Metal Halide bulbs or HPS bulbs

ARIES S SERIES 18 WATT LED CORN BULB

-  **FANLESS DESIGN** LEDS ARE FULLY AIR GRAPPED FROM DRIVER FOR BETTER HEAT MANAGEMENT
-  **360 DEGREES** OF LED LIGHTING
-  **50,000+ HR LIFE**
-  **HIGH EFFICIENCY** 130+ LUMENS PER WATT
-  **BUILT-IN 6KV SURGE PROTECTION**
-  **100-277 VOLT COMPATIBLE**





LIGHT DISTRIBUTION TESTING PARAMETERS

Remark: The testing data comes directly from the product test.

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 143.12 lm/W
MODEL		I _{max} (cd)	286.9	η _{street_up} (%)	18.2	
NOMINAL POWER (W)	18	LOR (%)	100.0	η _{street_down} (%)	30.8	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	2447	η _{house_up} (%)	19.3	
NOMINAL FLUX (lm)	2447.33	MAXIMUM @ (C,γ)	0,48.0	η _{house_down} (%)	31.6	
LAMPS INSIDE	1	η _{up} (%)	37.5	76 FLASHAREA (m2)	0.05000	
TEST VOLTAGE (V)	120	η _{down} (%)	62.5	SLI	20.101	



