



Aeon Lighting Technology Inc.



*Pursuit of perfection environmental purity.*



# High Power LED Lighting Solutions

[www.aeonlighting.com](http://www.aeonlighting.com)

2014 ver 01 (CHIPSET LUMINOUS FLUX)



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ISO 9001

Two Million US Dollars Product Liability Insurance  
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ver 01 (CHIPSET LUMINOUS FLUX) Mar.





ASTERIA is a minor planet that orbits the Sun, and was the daughter of the Titans Coeus and Phoebe and sister of Leto. ALT's ASTERIA can be presented as a strong, smart and efficient light bulb.



**MR11**



**MR11-01**



**MR11-02**



Base **GU4**  
Working Voltage **12V AC/DC**  
Weight **1.1 oz. ( 30 g )**  
Operating Temp **-20°C to +40°C**  
Lifespan **30,000 hours**  
Warranty **3 Years Limited**  
Optional : AC Adapter



**FEATURES**

ALT's Asteria MR11 series guarantees outstanding efficiency and quality of high power products. All these make our MR11 products ideal for general business and decorative lighting purposes. Asteria MR11 only consumes 3W but produces 200 lm light output, and the weight is only 30g. Due to small size and weight, this product can fit in all kinds of interior design and indoor decoration.

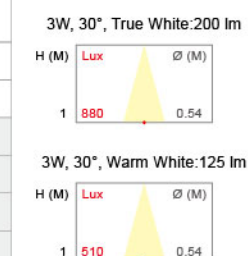
**APPLICATIONS**

- Shop Lighting
- Commercial Lighting
- Illumination Lighting
- Hotel Lighting
- Boutique Lighting

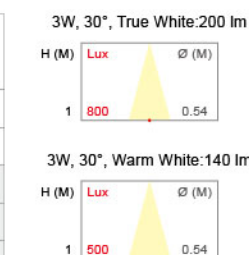
**CHIPSET LUMINOUS FLUX**

All Chipset Luminous Flux Data are indicated in max values

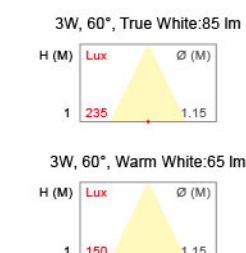
Chipsets	CREE LEDs XP-E			CREE LEDs XP-G			CREE LEDs XB-D	CREE LEDs XT-E		
Power Consumption	3 Watts			3 Watts			3 Watts	3 Watts		
Beam Angle *10%	30°	45°	72°	45°	60°	80°	72°	38°	45°	80°
True White	CRI 70	-	-	-	-	-	240 lm	-	-	270 lm
	CRI 80	200 lm	-	-	240 lm	-	-	-	-	-
Natural White	CRI 80	160 lm	-	-	190 lm	-	190 lm	-	-	220 lm
Warm White	CRI 80	125 lm	-	-	170 lm	-	170 lm	-	-	200 lm
Warm White CK: 2200K	CRI 80	-	-	-	-	-	-	-	-	170 lm



Chipsets	LIGHT BY LUXEON Rebel			LIGHT BY LUXEON Rebel ES		
Power Consumption	3 Watts			3 Watts		
Beam Angle *10%	30°	45°	72°	45°	60°	80°
True White	CRI 80	200 lm	-	240 lm	-	-
Natural White	CRI 80	160 lm	-	190 lm	-	-
Warm White	CRI 80	140 lm	-	170 lm	-	-
	CRI 90	110 lm	-	140 lm	-	-



Chipsets	EPISTAR	
Power Consumption	3 Watts	
Beam Angle *10%	60°	80°
True White	CRI 98	85 lm
Warm White	CRI 98	65 lm







Working Voltage 12V AC/DC  
 Weight 0.9 oz. ( 25 g )  
 Operating Temp -20°C to +40°C  
 Lifespan 30,000 hours  
 Warranty 3 Years Limited



MR16  
E26 / 24 (US)



Working Voltage 100 - 240V AC  
 Power Factor ≥ 0.9  
 Weight 1.7 oz. ( 48 g )  
 Operating Temp -20°C to +40°C  
 Lifespan 30,000 hours  
 Warranty 3 Years Limited

MR16  
E26 / 27 (EURO)



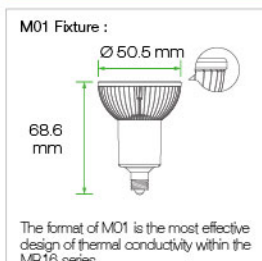
Working Voltage 100 - 240V AC  
 Power Factor ≥ 0.9  
 Weight 1.7 oz. ( 48 g )  
 Operating Temp -20°C to +40°C  
 Lifespan 30,000 hours  
 Warranty 3 Years Limited

MR16  
GU10 / GZ10



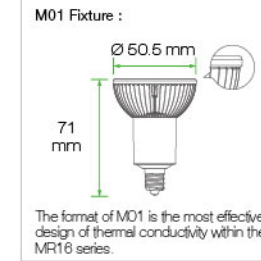
Working Voltage 100 - 240V AC  
 Power Factor ≥ 0.9  
 Weight 1.42 oz. ( 40 g )  
 Operating Temp -20°C to +40°C  
 Lifespan 30,000 hours  
 Warranty 3 Years Limited

MR16  
E11



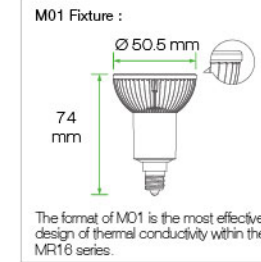
Working Voltage 100 - 240V AC  
 Power Factor ≥ 0.9  
 Weight 1.7 oz. ( 48 g )  
 Operating Temp -20°C to +40°C  
 Lifespan 30,000 hours  
 Warranty 3 Years Limited

MR16  
E12 (US)



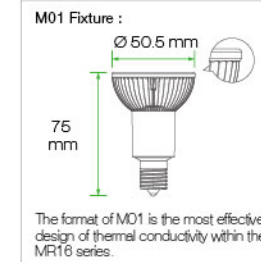
Working Voltage 100 - 240V AC  
 Power Factor ≥ 0.9  
 Weight 1.7 oz. ( 48 g )  
 Operating Temp -20°C to +40°C  
 Lifespan 30,000 hours  
 Warranty 3 Years Limited

MR16  
E12 (EURO)



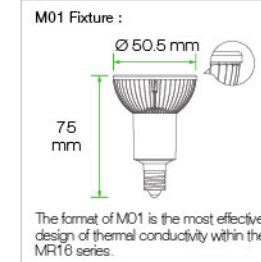
Working Voltage 100 - 240V AC  
 Power Factor ≥ 0.9  
 Weight 1.7 oz. ( 48 g )  
 Operating Temp -20°C to +40°C  
 Lifespan 30,000 hours  
 Warranty 3 Years Limited

MR16  
E17



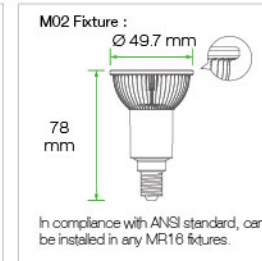
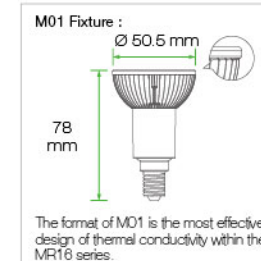
Working Voltage 100 - 240V AC  
 Power Factor ≥ 0.9  
 Weight 1.7 oz. ( 48 g )  
 Operating Temp -20°C to +40°C  
 Lifespan 30,000 hours  
 Warranty 3 Years Limited

MR16  
E14 (US)



Working Voltage 100 - 240V AC  
 Power Factor ≥ 0.9  
 Weight 1.7 oz. ( 48 g )  
 Operating Temp -20°C to +40°C  
 Lifespan 30,000 hours  
 Warranty 3 Years Limited

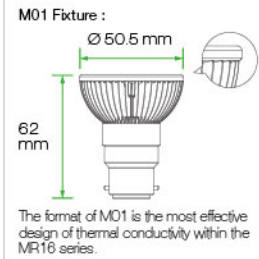
MR16  
E14 (EURO)



Working Voltage 100 - 240V AC  
 Power Factor ≥ 0.9  
 Weight 1.7 oz. ( 48 g )  
 Operating Temp -20°C to +40°C  
 Lifespan 30,000 hours  
 Warranty 3 Years Limited

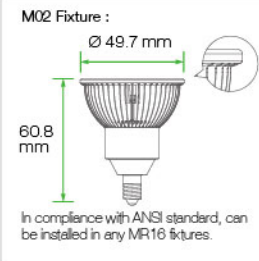
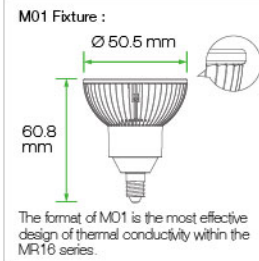


MR16  
B22D



Working Voltage 100 - 240V AC  
 Power Factor  $\geq 0.9$   
 Weight 1.7 oz. ( 48 g )  
 Operating Temp  $-20^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$   
 Lifespan 30,000 hours  
 Warranty 3 Years Limited

MR16  
EZ10



Working Voltage 12V AC/DC  
 Weight 1.4 oz. ( 38 g )  
 Operating Temp  $-20^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$   
 Lifespan 30,000 hours  
 Warranty 3 Years Limited  
 Optional : AC Adapter



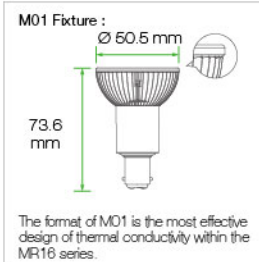
MR16  
BA15S



Working Voltage 12V AC/DC  
 Weight 1.7 oz. ( 48 g )  
 Operating Temp  $-20^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$   
 Lifespan 30,000 hours  
 Warranty 3 Years Limited  
 Optional : AC Adapter



MR16  
BA15D



Working Voltage 12V AC/DC  
 Weight 1.7 oz. ( 48 g )  
 Operating Temp  $-20^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$   
 Lifespan 30,000 hours  
 Warranty 3 Years Limited  
 Optional : AC Adapter



MR16  
BA15D



Working Voltage 100 - 240V AC  
 Power Factor  $\geq 0.9$   
 Weight 1.7 oz. ( 48 g )  
 Operating Temp  $-20^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$   
 Lifespan 30,000 hours  
 Warranty 3 Years Limited

MR16

CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

V8 series

Chipsets	OSRAM Square	
Power Consumption	7 Watts	
Beam Angle *10%	100° 	135° 
True White CRI 70	850 lm	
Natural White CRI 70	850 lm	
Warm White CRI 80	650 lm	
Warm White CK:2400K CRI 80	550 lm	

Chipsets	LUXEON Tx				
Power Consumption	7 Watts				
Beam Angle *10%	38° 	50° 	60° 	80° 	120° 
True White CRI 70	850lm				
Natural White CRI 70	850 lm				
Warm White CRI 80	650 lm				

V7 series

Chipsets	CREE LEDs XT-E					
Power Consumption	7 Watts					
Beam Angle *10%	38° 	60° 	90° 	100° 	120° 	135° 
True White CRI 70	780 lm					
Natural White CRI 80	650 lm					
Warm White CRI 80	580 lm					
Warm White CK: 2200K CRI 80	500 lm					

Chipsets	LUXEON Q			
Power Consumption	7 Watts			
Beam Angle *10%	45° 	60° 	80° 	120° 
True White CRI 80	800lm			
Natural White CRI 80	720 lm			
Warm White CRI 80	620 lm			

V6 series

Chipsets	CREE LEDs MT-G			
Power Consumption	7 Watts			
Beam Angle *10%	60° 	72° 	90° 	135° 
True White CRI 75	750 lm			
Natural White CRI 80	620 lm			
Warm White CRI 80	550 lm			

# MR16

CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

## V5 series

Chipsets	CREE LEDs XP-G					CREE LEDs XB-D				
Power Consumption	7 Watts					7 Watts				
Beam Angle *10%	38°	50°	120°	38°	60°	90°	100°	120°	135°	
True White	CRI 70	-				720 lm				
	CRI 80	720 lm				-				
Natural White	CRI 80	590 lm				590 lm				
Warm White	CRI 80	520 lm				520 lm				
	CRI 90	-				-				

Chipsets	LUXEON Rebel ES					LUXEON 3535-2D					Chipsets	OSRAM OSOLON SSL 150 LED			
Power Consumption	7 Watts					7 Watts					Power Consumption	7 Watts			
Beam Angle *10%	45°	60°	38°	50°	90°	100°	135°	25°	38°	45°	120°				
True White	CRI 70	-				-					CRI 70	720 lm			
	CRI 80	720 lm				680lm					CRI 82	590 lm			
Natural White	CRI 80	590 lm				590 lm					CRI 95	520 lm			
Warm White	CRI 80	520 lm				520 lm					CRI 82	520 lm			
	CRI 90	400 lm				-					CRI 95	400 lm			

## V4 series

Chipsets	CREE LEDs XP-C				LUXEON Rebel				Chipsets	EPISTAR			
Power Consumption	7 Watts		5 Watts		7 Watts		7 Watts		Power Consumption	7 Watts			
Beam Angle *10%	25°	120°	38°	72°	25°	30°	45°	38°	72°	60°	100°	120°	135°
True White	CRI 80	520 lm	342 lm	520 lm	400 lm								
	CRI 90	455 lm	342 lm	520 lm	400 lm								
Natural White	CRI 80	420 lm	214 lm	400 lm	250 lm								
	CRI 90	-	171 lm	320 lm	200 lm								
Red	●	-	163 lm	210 lm	190 lm								
Green	●	-	342 lm	520 lm	400 lm								
Blue	●	-	111 lm	160 lm	130 lm								

## V3 series

Chipsets	LUXEON Rebel							
Power Consumption	1 Watt				3 Watts			
Beam Angle *10%	38°	60°	80°	120°	38°	60°	80°	120°
True White	CRI 80	120 lm			200 lm			
	CRI 80	120 lm			200 lm			
Warm White	CRI 80	70 lm			125 lm			
	CRI 90	56 lm			100 lm			
Red	●	50 lm			100 lm			
Green	●	120 lm			200 lm			
Blue	●	35 lm			65 lm			

# MR16

CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

## V3 series

Chipsets	CREE LEDs MC-E				CREE LEDs XM-L					
Power Consumption	7 Watts				7 Watts					
Beam Angle *10%	38°	60°	80°	120°	30°	45°	72°	90°	110°	120°
True White	CRI 80	475 lm			520 lm					
	CRI 80	410 lm			450 lm					
Warm White	CRI 80	355 lm			390 lm					

Chipsets	BRIDGELUX				BRIDGELUX SM4							
Power Consumption	5 Watts				7 Watts				7 Watts			
Beam Angle *10%	50°	60°	72°	120°	50°	60°	72°	120°	38°	60°	90°	135°
True White	CRI 65	390 lm			450 lm				-			
	CRI 70	-			-				500 lm			
Warm White	CRI 80	-			-				380 lm			
	CRI 82	260 lm			300 lm				-			

## V2.5 series

Chipsets	EPISTAR					
Power Consumption	5 Watts			7 Watts		
Beam Angle *10%	60°	90°	120°	60°	90°	120°
True White	CRI 75	350 lm		400 lm		
	CRI 90	280 lm		330 lm		
Natural White	CRI 75	350 lm		400 lm		
	CRI 90	280 lm		330 lm		
Warm White	CRI 75	270 lm		320 lm		
	CRI 90	215 lm		240 lm		

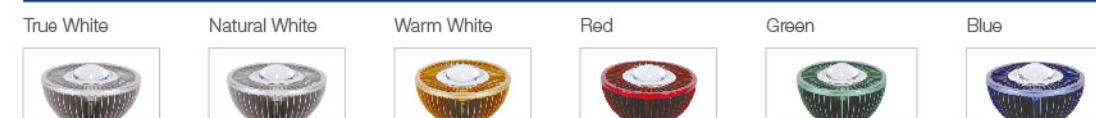
## V2 series

Chipsets	EPISTAR			
Power Consumption	7 Watts			
Beam Angle *10%	45°	72°	80°	120°
True White	CRI 75	350 lm		
	CRI 90	280 lm		
Natural White	CRI 75	320 lm		
	CRI 90	260 lm		
Warm White	CRI 75	280 lm		
	CRI 90	225 lm		

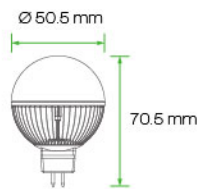
## V1 series

Chipsets	EPISTAR															
Power Consumption	1 Watt				3 Watts				5 Watts				7 Watts			
Beam Angle *10%	38°	60°	80°	120°	38°	60°	80°	120°	38°	60°	80°	120°	38°	60°	80°	120°
True White	CRI 70	80 lm			160 lm				220 lm				250 lm			
	CRI 90	64 lm			128 lm				176 lm				200 lm			
Natural White	CRI 70	80 lm			160 lm				220 lm				250 lm			
	CRI 90	64 lm			128 lm				176 lm				200 lm			
Warm White	CRI 70	70 lm			130 lm				150 lm				170 lm			
	CRI 90	56 lm			104 lm				120 lm				136 lm			
Red	●	28 lm			70 lm				120 lm				140 lm			
Green	●	55 lm			80 lm				140 lm				170 lm			
Blue	●	15 lm			24 lm				70 lm				80 lm			

## COLOR







**G19 Globe**

**GX5.3 / GU5.3**



Working Voltage **12V AC/DC**  
 Weight **0.9 oz. ( 25 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**

Optional : AC Adapter



**G19 Globe**

**E26 / 24 (US)**



Working Voltage **100 - 240V AC**  
 Power Factor **≥ 0.9**  
 Weight **1.7 oz. ( 48 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**



**G19 Globe**

**E26 / 27 (EURO)**



Working Voltage **100 - 240V AC**  
 Power Factor **≥ 0.9**  
 Weight **1.7 oz. ( 48 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**



**G19 Globe**

**GU10 / GZ10**



Working Voltage **100 - 240V AC**  
 Power Factor **≥ 0.9**  
 Weight **1.42 oz. ( 40 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**



**G19 Globe**

**E11**



Working Voltage **100 - 240V AC**  
 Power Factor **≥ 0.9**  
 Weight **1.7 oz. ( 48 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**

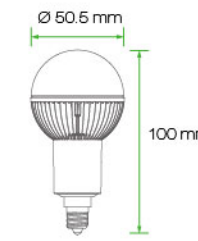


**G19 Globe**

**E12 (US)**



Working Voltage **100 - 240V AC**  
 Power Factor **≥ 0.9**  
 Weight **1.7 oz. ( 48 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**

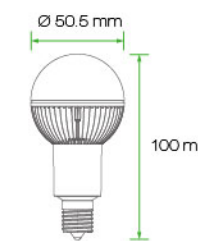


**G19 Globe**

**E12 (EURO)**



Working Voltage **100 - 240V AC**  
 Power Factor **≥ 0.9**  
 Weight **1.7 oz. ( 48 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**

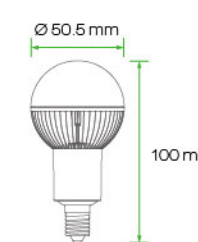


**G19 Globe**

**E17**



Working Voltage **100 - 240V AC**  
 Power Factor **≥ 0.9**  
 Weight **1.7 oz. ( 48 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**

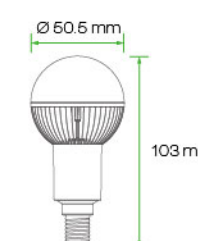


**G19 Globe**

**E14 (US)**



Working Voltage **100 - 240V AC**  
 Power Factor **≥ 0.9**  
 Weight **1.7 oz. ( 48 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**



**G19 Globe**

**E14 (EURO)**



Working Voltage **100 - 240V AC**  
 Power Factor **≥ 0.9**  
 Weight **1.7 oz. ( 48 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**



**G19 Globe**

**B22D**



Working Voltage **100 - 240V AC**  
 Power Factor **≥ 0.9**  
 Weight **1.7 oz. ( 48 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**



**G19 Globe**

**EZ10**





Working Voltage **12V AC/DC**  
 Weight **1.4 oz. ( 38 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**

Optional : AC Adapter




**G19 Globe BA15S**



Working Voltage **12V AC/DC**  
 Weight **1.7 oz. ( 48 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**

Optional : AC Adapter




CEFC, LVD Testing Compliant, Laser Testing Compliant, RoHS Compliant, REACH Compliant

**G19 Globe BA15D**

Working Voltage **12V AC/DC**  
**100 - 240V AC ( PF ≥ 0.9 )**  
 Weight **1.7 oz. ( 48 g )**  
 Operating Temp **-20°C to +40°C**  
 Lifespan **30,000 hours**  
 Warranty **3 Years Limited**

Optional : AC Adapter



CEFC, LVD Testing Compliant, Laser Testing Compliant, RoHS Compliant, REACH Compliant

CHIPSET LUMINOUS FLUX

All Chipset Luminous Flux Data are indicated in max values

**V7 series**

Chipsets	CREE LEDs XT-E	Chipsets	LUXEON Q
Power Consumption	7 Watts	Power Consumption	7 Watts
True White	CRI 70 780 lm	True White	CRI 80 800lm
Natural White	CRI 80 650 lm	Natural White	CRI 80 720 lm
Warm White	CRI 80 580 lm	Warm White	CRI 80 620 lm
Warm White	CRI 80 500 lm		

**V6 series**

Chipsets	CREE LEDs MT-G	7W, True White:750 lm	7W, Warm White:550 lm
Power Consumption	7 Watts	H (M) Lux	H (M) Lux
True White	CRI 75 750 lm	0.5 440	0.5 360
Natural White	CRI 80 620 lm	1 110	1 90
Warm White	CRI 80 550 lm	1.5 49	1.5 40
		2 28	2 23

**V5 series**

Chipsets	LUXEON Rebel ES	CREE LEDs XP-G	Chipsets	CREE LEDs XB-D
Power Consumption	7 Watts	7 Watts	Power Consumption	7 Watts
True White	CRI 80 720 lm	720 lm	True White	CRI 70 720 lm
Natural White	CRI 80 590 lm	590 lm	Natural White	CRI 80 590 lm
Warm White	CRI 80 520 lm	520 lm	Warm White	CRI 80 520 lm
	CRI 90 400 lm	-		

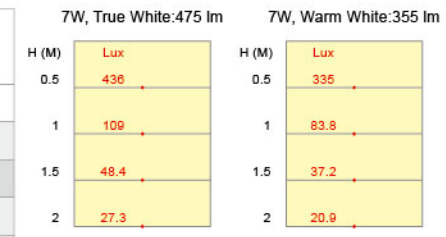
Chipsets	OSRAM OSOLON SSL 150 LED	Chipsets	LUXEON 3535-2D	7W, True White:720 lm	7W, Warm White:520 lm
Power Consumption	7 Watts	Power Consumption	7 Watts	H (M) Lux	H (M) Lux
True White	CRI 70 720 lm	True White	CRI 80 680lm	0.5 348	0.5 272
Natural White	CRI 82 590 lm	Natural White	CRI 80 590 lm	1 87	1 68
	CRI 95 520 lm	Warm White	CRI 80 520 lm	1.5 39	1.5 30
Warm White	CRI 82 520 lm			2 22	2 17
	CRI 95 400 lm				

**V4 series**

Chipsets	LUXEON Rebel	CREE LEDs XP-C	Chipsets	EPISTAR
Power Consumption	7 Watts	7 Watts	Power Consumption	7 Watts
True White	CRI 80 520 lm	520 lm	True White	CRI 98 330 lm
Natural White	CRI 80 520 lm	455 lm	Warm White	CRI 98 240 lm
Warm White	CRI 80 400 lm	420 lm		
	CRI 90 320 lm	-		
Red	210 lm	-		
Green	520 lm	-		
Blue	160 lm	-		

**V3 series**

Chipsets	LUXEON Rebel	CREE LEDs MC-E	CREE LEDs XM-L	BRIDGELUX SM4
Power Consumption	1 Watt	3 Watts	7 Watts	7 Watts
True White	CRI 70 -	-	-	500 lm
	CRI 80 120 lm	200 lm	475 lm	520 lm
Natural White	CRI 80 120 lm	200 lm	410 lm	450 lm
Warm White	CRI 80 70 lm	125 lm	355 lm	390 lm
	CRI 90 56 lm	100 lm	-	-
Red	50 lm	100 lm	-	-
Green	120 lm	200 lm	-	-
Blue	35 lm	65 lm	-	-



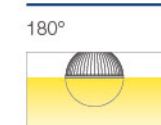
**V2 series**

Chipsets	EPISTAR	7W, True White:350 lm	7W, Warm White:280 lm
Power Consumption	7 Watts	H (M) Lux	H (M) Lux
True White	CRI 75 350 lm	0.5 344	0.5 276
	CRI 90 280 lm	1 88	1 69
Natural White	CRI 75 320 lm	1.5 38	1.5 31
	CRI 90 260 lm	2 22	2 17
Warm White	CRI 75 280 lm		
	CRI 90 225 lm		

**V1 series**

Chipsets	EPISTAR	7W, True White:250 lm	7W, Warm White:170 lm
Power Consumption	5 Watts	7 Watts	H (M) Lux
True White	CRI 70 220 lm	250 lm	0.5 173
	CRI 90 176 lm	200 lm	1 43.4
Natural White	CRI 70 220 lm	250 lm	1.5 19.3
	CRI 90 176 lm	200 lm	2 10.9
Warm White	CRI 70 150 lm	170 lm	H (M) Lux
	CRI 90 120 lm	136 lm	0.5 157
Red	120 lm	140 lm	1 39.3
Green	140 lm	170 lm	1.5 17.5
Blue	70 lm	80 lm	2 9.83

BEAM ANGLE



COLOR

