

NEW!

## **Features and Benefits**

- Light source: 1 piece 3.6W Mini Zenigata LED
- Superior lumens maintenance of 70% after 30,000 hours of use
- Short candelabra bulb type
- Low heat, less than 60°C for 4W
- No UV or IR light radiation
- Instant "ON" to 100% brightness
- No mercury or other inorganic
- Clear glass lens with patented flame optics
- Highest luminous efficacy: up to 40lm/w for cool white color
- Machined aluminum heat fins with excellent thermal efficiencies
- Available color temperatures: 2400K – 2600K (Flame) 2600K – 3000K (Warm White) 5000K – 6000K (Cool White)
- 4W LED bulb can achieve directional light output equal to 15W incandescent bulb
- 2 year limited warranty (see page 5)
- Direct replacement of traditional candle bulb

### **Typical Applications**

- Energy Saving Programs
- Sustainable Energy
- Chandelier Lighting
- Sconce Lighting
- Bath and Vanity Lighting
- Mood Lighting



Note: Picture for illustration only





## **PRODUCT SPECIFICATIONS**

LIGHT SOURCE	1X3.6W Mini Zenigata power LED
OPTICS	Patented flame optics with clear lens
BULB TYPE	short candelabra
BEAM ANGLE	approx 200° (Flood)
RENDERING INDEX (Ra)	≥70 (flame)
	≥70 (warm white)
	$\geq$ 60 (cool white)
TOTAL LENGTH	See product dimensions below
WEIGHT	60 ± 2 g
HEATSINK	Machined pure aluminum with anodize finish
BASE TYPE	E26 / E27 / B22 / E14 / E12 / E17 / BA15d
DIMMABILITY	Non-dimmable

## **ENVIRONMENTAL SPECIFICATIONS**

TEMPERATURE RANGE	Ambient: -20°C to 40°C; Surface of Lamp: 60°C to 70°C
HUMIDITY RANGE	0 to 95% non-condensing humidity

## **ELECTRICAL SPECIFICATIONS**

VOLTAGE REQUIREMENT	100~240V AC
POWER CONSUMPTION	$\leqslant$ 4W
POWER FACTOR	≥ 0.5

# PRODUCT DIMENSIONS (mm)



3<sup>rd</sup> Floor, Building 36, Xin Mu Industrial Park, Ping Hu Town, Longgang, Shenzhen, China PRC TEL +86.755.6120.1818 · Fax +86.755.6120.1817 · sales@brilliance-tech.com



## PRODUCT ORDERING CODE

ORDER CODE         Light Color         Color Tamp (1) (1)         Base Type (1)         Operating (1) (1)         Prove (1)         P			ODL						
CSC41W-E27-3-1103         Cool White         5000K-6000K         100-120         VAC         130 m±10%         n/a         130 m±10%         n/a           CSC41W-E27-3-1105         Fame         2400K-2600K         220-240         VAC         130 m±10%         n/a         200 m±10%         n/a           CSC41W-E27-3-202S         Coal White         5000K-6000K         200-240         VAC         130 m±10%         n/a         200 m±10%         n/a           CSC41W-E27-3-202S         Coal White         5000K-6000K         200-240         VAC         130 m±10%         n/a         130 m±10%         n/a           CSC41W-E28-3-100S         Warm White         2500K-6000K         E26         VAC         130 m±10%         n/a         130 m±10%         n/a           CSC41W-E28-3-200S         Warm White         2500K-6000K         E26         VAC         130 m±10%         n/a         200 m±2*           CSC41W-E28-3-200S         Warm White         2500K-6000K         100-120         VAC         130 m±10%         n/a         200 m±2*           CSC41W-E28-3-200S         Warm White         2500K-6000K         100-120         VAC         130 m±10%         n/a         200 m±2*           CSC41W-E28-3-200S         Warm White         2500K-6000K	ORDER CODE	Light Color	Color Temp (°K)	Base Type					
CSC41V-E27-3110S         Warn White         2600K-3000K         Vac         130 lm±10%         nia         200 m±20%         000 m±00%         000 m±00% <th< td=""><td>CSC41W-E27-3-110/S</td><td>Cool White</td><td>5000K~6000K</td><td></td><td></td><td></td><td>200 lm±10%</td><td>n/a</td><td></td></th<>	CSC41W-E27-3-110/S	Cool White	5000K~6000K				200 lm±10%	n/a	
CSC41F-E27.31005         Fine         2400K-2800K         E27         X3.6W         120 m±10%         mia         20° ±2°           CSC41F-E27.3205         Fine         2400K-2000K         VAC         200 m±10%         nia         20° ±2°           CSC41F-E27.3205         Fine         2400K-2000K         VAC         200 m±10%         nia         20° ±2°           CSC41F-E28-3205         Cod White         5000K-6000K         VAC         220 m±10%         nia         20° ±2°           CSC41F-E28-3205         Cod White         5000K-6000K         E26         100-120         130 m±10%         nia         20° ±2°           CSC41F-E28-3205         Cod White         5000K-6000K         220-240         VAC         220 m±10%         nia         20° ±2°           CSC41F-E28-3205         Cod White         5000K-6000K         220-240         VAC         130 m±10%         nia         20° ±2°           CSC41F-E28-3205         Cod White         5000K-6000K         220-240         VAC         130 m±10%         nia         130 m±10%         nia           CSC41F-E28-3205         Cod White         5000K-6000K         420         200 m±10%         nia         130 m±10%         nia           CSC41F-E28-3205         Fine	CSC41V-E27-3-110/S	Warm White	2600K~3000K		100~120		130 lm±10%	n/a	200° ±2°
CSC41W-E27-3220S         Cool Write         5000K-0000K         220-240         220-240         220 m± 10%         na           CSC41W-E27-3220S         Flane         2400K-2800K         VAC         130 m± 10%         n/a           CSC41W-E27-3220S         Flane         2400K-2800K         VAC         220 m± 10%         n/a           CSC41W-E26-3-10S         Cool White         5000K-6000K         VAC         130 m± 10%         n/a           CSC41W-E26-3-220S         Flane         2400K-2800K         VAC         130 m± 10%         n/a           CSC41W-E26-3-220S         Flane         2400K-3000K         VAC         130 m± 10%         n/a           CSC41W-E26-3-220S         Flane         2400K-3000K         VAC         130 m± 10%         n/a           CSC41W-E26-3-220S         Flane         2400K-3000K         VAC         130 m± 10%         n/a           CSC41W-E26-3-220S         Coul White         5000K-6000K         VAC         120 m± 10%         n/a           CSC41W-B22-320S         Coul White         5000K-6000K         VAC         130 m± 10%         n/a           CSC41W-B22-320S         Coul White         5000K-6000K         VAC         130 m± 10%         n/a           CSC41W-E12-320S         Coul Whit	CSC41F-E27-3-110/S	Flame	2400K~2600K		VAC		120 lm±10%	n/a	
CSC41V-E27-3-2203         Warn White         260K-3000K         Vac         130 Im±10%         na           CSC41F-E27-3-2205         Flame         2400K-2600K         Vac         130 Im±10%         nia         130 Im±10%         nia           CSC41F-E27-3-2205         Cod White         500K-6000K         Vac         130 Im±10%         nia         130 Im±10%         nia           CSC41F-E26-3-2205         Cod White         500K-6000K         Vac         220-240         Vac         130 Im±10%         nia         130 Im±10%         nia           CSC41F-E26-3-2205         Flame         2600K-3000K         Vac         100-120         Vac         130 Im±10%         nia         130 Im±10%         nia           CSC41F-E26-3-2205         Flame         2600K-3000K         Vac         100-120         Vac         130 Im±10%         nia         130 Im±10%         nia           CSC41F-B22-31108         Cod White         5000K-3000K         Vac         220-240         Vac         130 Im±10%         nia         130 Im±10%         nia           CSC41F-B22-3205         Cod White         5000K-3000K         Vac         200 Im±10%         nia         120 Im±10%         nia           CSC41F-E12-3-205         Flame         2400K-2600K	CSC41W-E27-3-220/S	Cool White	5000K~6000K	E27		1X3.6W	200 lm±10%	n/a	
CSC41F-E27-3-2005         Fiame         2400K-2600K         120 m±10%         n/n           CSC41F-E26-3-1005         Cool White         500K-6000K         100 m±10%         n/n         130 m±10%         n/n           CSC41F-E26-3-22015         Cool White         500K-6000K         200-120*         130 m±10%         n/n         130 m±10%         n/n           CSC41F-E26-3-22015         Cool White         500K-5000K         200-240*         130 m±10%         n/n         130 m±10%         n/n           CSC41F-E26-3-22015         Fiame         200K-5000K         VAC         200 lm±10%         n/n         130 lm±10%         n/n           CSC41F-E26-3-22015         Fiame         200K-5000K         VAC         200 lm±10%         n/n         130 lm±10%         n/n           CSC41F-B22-3-1105         Cool White         500K-6000K         VAC         200 lm±10%         n/n         130 lm±10%         n/n           CSC41F-B22-3-22015         Cool White         500K-6000K         VAC         200 lm±10%         n/n         130 lm±10%         n/n           CSC41F-B22-3-22015         Cool White         5000K-6000K         VAC         200 lm±10%         n/n         130 lm±10%         n/n           CSC41F-E17-3-1005         Cool White	CSC41V-E27-3-220/S	Warm White	2600K~3000K		220~240		130 lm±10%	n/a	
CSC41V-E26-3-10/S         Warn White         2600K-3000K         VAC         130 Im±10%         n/a           CSC41V-E26-3-220/S         Cool White         5000K-6000K         220-240         VAC         130 Im±10%         n/a           CSC41V-E26-3-220/S         Cool White         5000K-6000K         220-240         VAC         130 Im±10%         n/a           CSC41V-E26-3-220/S         Flame         2600K-3000K         VAC         130 Im±10%         n/a           CSC41V-E26-3-220/S         Flame         2600K-3000K         VAC         130 Im±10%         n/a           CSC41V-E22-3-110/S         Cool White         5000K-6000K         VAC         130 Im±10%         n/a           CSC41V-E22-3-220/S         Cool White         5000K-6000K         220-240         VAC         130 Im±10%         n/a           CSC41V-E12-3-210/S         Flame         2400K-2600K         VAC         130 Im±10%         n/a           CSC41V-E17-3-10/S         Cool White         5000K-6000K         VAC         130 Im±10%         n/a           CSC41V-E17-3-20/S         Flame         2400K-2600K         VAC         130 Im±10%         n/a           CSC41V-E17-3-220/S         Flame         2400K-2600K         VAC         130 Im±10%         n/a     <	CSC41F-E27-3-220/S	Flame	2400K~2600K		VAC		120 lm±10%	n/a	
CSC41V-E26-3-10/S         Warm White         2600K-3000K         Vac         130 lm±10%         n/a         200" ±2"           CSC41V-E26-3-220/S         Coll White         5000K-6000K         200-20         130 lm±10%         n/a         200" ±2"           CSC41V-E26-3-220/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a         200" ±2"           CSC41V-E26-3-220/S         Flame         2600K-3000K         VAC         120 lm±10%         n/a         200" ±2"           CSC41V-E26-3-220/S         Flame         2600K-3000K         VAC         130 lm±10%         n/a         200" ±2"           CSC41V-E22-3-10/S         Flame         2600K-3000K         VAC         130 lm±10%         n/a         200" ±2"           CSC41V-E22-3-20/S         Cool White         5000K-6000K         VAC         130 lm±10%         n/a         200" ±2"           CSC41V-E17-3-10/S         Flame         2400K-2600K         VAC         130 lm±10%         n/a         200" ±2"           CSC41V-E17-3-10/S         Flame         2400K-2600K         VAC         130 lm±10%         n/a         200" ±2"           CSC41V-E17-3-20/S         Flame         2400K-2600K         VAC         130 lm±10%         n/a         20" ±2" <td>CSC41W-E26-3-110/S</td> <td>Cool White</td> <td>5000K~6000K</td> <td></td> <td>400,400</td> <td></td> <td>200 lm±10%</td> <td>n/a</td> <td></td>	CSC41W-E26-3-110/S	Cool White	5000K~6000K		400,400		200 lm±10%	n/a	
CSC41F-E26-3-20/S         Finne         2400K-2600K           CSC41W-E26-3-220/S         Cool White         5000K-6000K           CSC41W-E26-3-220/S         Wam White         2600K-3000K           CSC41W-E26-3-220/S         Fiame         2600K-3000K           CSC41W-823-310/S         Cool White         5000K-6000K           CSC41W-822-3-110/S         Cool White         5000K-6000K           CSC41W-822-3-110/S         Pame         2400K-2600K           CSC41W-823-320/S         Cool White         5000K-6000K           CSC41W-823-320/S         Cool White         5000K-6000K           CSC41W-823-320/S         Cool White         5000K-6000K           CSC41W-827-320/S         Cool White         5000K-6000K           CSC41W-817-3-110/S         Cool White         5000K-6000K           CSC41W-817-3-200/S         Fiame         2400K-2600K           CSC41W-817-3-200/S         Fiame         2400K-	CSC41V-E26-3-110/S	Warm White	2600K~3000K				130 lm±10%	n/a	
CSC41W-E26-3-220/S         Cool White         5000K-6000K         220-240         VAC         200 Im±10%         n/a           CSC41W-E26-3-220/S         Warm White         2600K-3000K         VAC         130 Im±10%         n/a           CSC41W-B22-3-110/S         Cool White         5000K-6000K         130 Im±10%         n/a         130 Im±10%         n/a           CSC41W-B22-3-110/S         Cool White         5000K-6000K         220-240         VAC         130 Im±10%         n/a           CSC41W-B22-3-20/S         Cool White         5000K-6000K         220-240         VAC         130 Im±10%         n/a           CSC41W-B22-3-20/S         Cool White         5000K-6000K         220-240         VAC         130 Im±10%         n/a           CSC41W-E17-3-110/S         Warm White         2600K-3000K         VAC         130 Im±10%         n/a           CSC41W-E17-3-110/S         Warm White         2600K-3000K         VAC         130 Im±10%         n/a           CSC41W-E17-3-110/S         Warm White         2600K-3000K         VAC         130 Im±10%         n/a           CSC41W-E14-3-110/S         Cool White         5000K-6000K         VAC         130 Im±10%         n/a           CSC41W-E14-3-110/S         Cool White         5000K-6000K </td <td>CSC41F-E26-3-220/S</td> <td>Flame</td> <td>2400K~2600K</td> <td></td> <td>VAC</td> <td></td> <td>120 lm±10%</td> <td>n/a</td> <td></td>	CSC41F-E26-3-220/S	Flame	2400K~2600K		VAC		120 lm±10%	n/a	
CSC41V-E26-3-220/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a           CSC41F-E26-3-220/S         Fiame         2600K-3000K         900         120 lm±10%         n/a           CSC41V-822-3-110/S         Cool While         5000K-6000K         900         130 lm±10%         n/a           CSC41V-822-3-210/S         Warm White         2600K-3000K         900         130 lm±10%         n/a         100 n±10%         n/a           CSC41V-822-3-220/S         Cool White         5000K-6000K         220-240         VAC         130 lm±10%         n/a         200* ±2*           CSC41V-822-3-220/S         Warm White         2600K-3000K         220-240         VAC         130 lm±10%         n/a         200* ±2*           CSC41V-827-3-10/S         Warm White         2600K-6000K         120 lm±10%         n/a         120 lm±10%         n/a           CSC41V-E17-3-10/S         Flame         2400K-2600K         VAC         130 lm±10%         n/a         200* ±2*           CSC41V-E17-3-220/S         Cool White         5000K-6000K         VAC         130 lm±10%         n/a         130 lm±10%         n/a           CSC41V-E14-3-210/S         Cool White         5000K-6000K         VAC         130 lm±10%         n/	CSC41W-E26-3-220/S	Cool White	5000K~6000K	E26	000 040	1X3.6W	200 lm±10%	n/a	200° ±2°
CSC41F-E26-3-220/S         Flame         2600K-3000K           CSC41F-E26-3-220/S         Col White         5000K-6000K         120 lm ± 10%         n/a           CSC41V-822-3-110/S         Col White         5000K-2600K         VAC         130 lm ± 10%         n/a           CSC41F-822-3-110/S         Warm White         2600K-2600K         VAC         130 lm ± 10%         n/a           CSC41F-822-3-20/S         Cool White         5000K-6000K         VAC         130 lm ± 10%         n/a           CSC41F-822-3-20/S         Warm White         2600K-3000K         VAC         100-120         130 lm ± 10%         n/a           CSC41F-822-3-20/S         Flame         2400K-2600K         VAC         200 lm ± 10%         n/a           CSC41F-817-3-110/S         Cool White         5000K-6000K         VAC         130 lm ± 10%         n/a           CSC41F-817-3-20/S         Flame         2400K-2600K         VAC         130 lm ± 10%         n/a           CSC41F-817-3-20/S         Flame         2400K-2600K         VAC         130 lm ± 10%         n/a           CSC41F-81-3-310/S         Cool White         5000K-6000K         VAC         130 lm ± 10%         n/a           CSC41F-81-3-310/S         Flame         2400K-2600K         VAC	CSC41V-E26-3-220/S	Warm White	2600K~3000K		220~240		130 lm±10%	n/a	
CSC41V-82-3-110/S         Warm White         2600K-3000K           CSC41V-82-3-210/S         Fiame         2400K-2600K           CSC41V-82-3-220/S         Cool White         5000K-6000K           CSC41V-82-3-220/S         Plame         2400K-2600K           CSC41V-82-3-220/S         Plame         2400K-2600K           CSC41V-82-3-220/S         Plame         2400K-2600K           CSC41V-817-3-110/S         Cool White         5000K-6000K           CSC41V-817-3-110/S         Vac         100-120           VAC         100-120         VAC           CSC41V-817-3-110/S         Plame         2400K-2600K           CSC41V-817-3-220/S         Cool White         5000K-6000K           CSC41V-817-3-220/S         Plame         2400K-2600K           CSC41V-817-3-220/S         Plame         2400K-2600K           CSC41V-817-3-220/S         Plame         2400K-2600K           CSC41V-817-3-220/S         Plame         2400K-2600K           CSC41V-814-3-110/S         Flame         2400K-2600K           CSC41V-814-3-20/S         Plame         2400K-2600K           CSC41V-814-3-20/S         Plame         2400K-2600K           CSC41V-814-3-20/S         Plame         2400K-2600K           CSC41V	CSC41F-E26-3-220/S	Flame	2600K~3000K		VAC		120 lm±10%	n/a	
CSC41V-822-3-110/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a         200° ±2°           CSC41V-822-3-220/S         Cool White         5000K-6000K         200-240         VAC         130 lm±10%         n/a         200° ±2°           CSC41V-822-3-220/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a         200° ±2°           CSC41V-822-3-220/S         Flame         2400K-2600K         VAC         130 lm±10%         n/a         200° ±2°           CSC41V-827-320/S         Flame         2400K-2600K         VAC         130 lm±10%         n/a         200° ±2°           CSC41V-817-3-10/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a         200° ±2°           CSC41V-817-3-220/S         Cool White         5000K-6000K         200-240         VAC         130 lm±10%         n/a         200° ±2°           CSC41V-814-3-10/S         Var         100-120         VAC         130 lm±10%         n/a         200° ±2°           CSC41V-814-3-20/S         Flame         2400K-2600K         P         100-120         130 lm±10%         n/a         200° ±2°           CSC41V-814-3-20/S         Flame         2400K-2600K         P         120	CSC41W-B22-3-110/S	Cool White	5000K~6000K				200 lm±10%	n/a	
CSC41F-B22-3-110S         Flame         2400K-2600K         B22         1X3.6W         120 m± 10%         n/a         200° ±2°           CSC41W-B22-3-220/S         Cool White         5000K-6000K         VAC         130 m± 10%         n/a         200° ±2°           CSC41W-B22-3-220/S         Warn White         2600K-3000K         VAC         130 m± 10%         n/a         200° ±2°           CSC41W-E17-3-110/S         Cool White         5000K-6000K         VAC         130 lm± 10%         n/a         200° ±2°           CSC41W-E17-3-110/S         Warn White         2600K-3000K         VAC         130 lm± 10%         n/a         200° ±2°           CSC41W-E17-3-200/S         Flame         2400K-2600K         E17         130 lm± 10%         n/a         200° ±2°           CSC41W-E17-3-220/S         Flame         2400K-2600K         VAC         100-120         130 lm± 10%         n/a         200° ±2°           CSC41W-E14-3-10/S         Flame         2400K-2600K         VAC         100-120         130 lm± 10%         n/a         200° ±2°           CSC41W-E14-3-10/S         Flame         2400K-2600K         VAC         130 lm± 10%         n/a         20° ±2°           CSC41W-E14-3-200/S         Flame         2400K-2600K         VAC	CSC41V-B22-3-110/S	Warm White	2600K~3000K		100~120		130 lm±10%	n/a	
CSC41W-B22-3-220/S         Cool White         5000K-6000K         220-240         200 m± 10%         n/a           CSC41V-B22-3-220/S         Warm White         2600K-3000K         VAC         130 lm± 10%         n/a           CSC41V-B22-3-220/S         Flame         2400K-2600K         VAC         130 lm± 10%         n/a           CSC41W-E17-3-110/S         Cool White         5000K-6000K         VAC         130 lm± 10%         n/a           CSC41V-E17-3-110/S         Warm White         2600K-3000K         VAC         130 lm± 10%         n/a           CSC41V-E17-3-110/S         Flame         2400K-2600K         E17         130 lm± 10%         n/a           CSC41V-E17-3-220/S         Cool White         5000K-6000K         E17         130 lm± 10%         n/a           CSC41V-E17-3-220/S         Warm White         2600K-3000K         VAC         130 lm± 10%         n/a           CSC41V-E14-3-110/S         Cool White         5000K-6000K         E14         100-120         130 lm± 10%         n/a           CSC41V-E14-3-110/S         Warm White         2600K-3000K         E14         120 lm± 10%         n/a           CSC41V-E14-3-110/S         Warm White         2600K-3000K         E14         120 lm± 10%         n/a	CSC41F-B22-3-110/S	Flame	2400K~2600K		VAC		120 lm±10%	n/a	
CSC41V-B22-3-220'S         Warm White         2600K-3000K           CSC41F-B22-3-220'S         Flame         2400K-2600K         120 lm ± 10%         n/a           CSC41F-B22-3-220'S         Flame         2400K-2600K         2400K-3000K         120 lm ± 10%         n/a           CSC41W-E17-3-110/S         Cool White         5000K-6000K         VAC         130 lm ± 10%         n/a           CSC41W-E17-3-120/S         Cool White         5000K-6000K         220-240         VAC         130 lm ± 10%         n/a           CSC41W-E17-3-220/S         Cool White         5000K-6000K         E17         130 lm ± 10%         n/a           CSC41W-E17-3-220/S         Warm White         2600K-3000K         VAC         130 lm ± 10%         n/a           CSC41W-E14-3-110/S         Cool White         5000K-6000K          100-120         VAC         130 lm ± 10%         n/a           CSC41W-E14-3-110/S         Cool White         5000K-6000K         E14         100-120         VAC         130 lm ± 10%         n/a           CSC41W-E14-3-220/S         Cool White         5000K-6000K         E14         100-120         VAC         120 lm ± 10%         n/a           CSC41W-E12-3-110/S         Warm White         2600K-3000K         VAC         120	CSC41W-B22-3-220/S	Cool White	5000K~6000K	B22		1X3.6W	200 lm±10%	n/a	200° ±2°
CSC41F-B22-3-220/S         Flame         2400K-2600K         120 lm±10%         n/a           CSC41W-E17-3-110/S         Cool White         5000K-6000K         400K-2600K         100-120         130 lm±10%         n/a           CSC41V-E17-3-110/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a           CSC41V-E17-3-10/S         Flame         2400K-2600K         220-240         VAC         130 lm±10%         n/a           CSC41V-E17-3-220/S         Cool White         5000K-6000K         220-240         VAC         130 lm±10%         n/a           CSC41V-E17-3-220/S         Flame         2400K-2600K         200 lm±10%         n/a         200" ±2"           CSC41V-E14-3-110/S         Cool White         5000K-6000K         100-120         VAC         130 lm±10%         n/a           CSC41V-E14-3-110/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a           CSC41V-E14-3-20/S         Flame         2400K-2600K         E14         130 lm±10%         n/a           CSC41V-E14-3-20/S         Gool White         5000K-6000K         220-240         VAC         130 lm±10%         n/a           CSC41V-E12-3-110/S         Warm White         2600K-3000K         VAC	CSC41V-B22-3-220/S	Warm White	2600K~3000K		220~240		130 lm±10%	n/a	
CSC41V-E17-3-110/S         Warm White         2600K-3000K           CSC41V-E17-3-220/S         Cool White         5000K-6000K           CSC41V-E17-3-220/S         Cool White         5000K-6000K           CSC41V-E17-3-220/S         Cool White         5000K-6000K           CSC41V-E17-3-220/S         Flame         2400K-2600K           CSC41V-E17-3-220/S         Flame         2400K-2600K           CSC41V-E14-3-20/S         Flame         2400K-2600K           CSC41V-E14-3-110/S         Cool White         5000K-6000K           CSC41V-E14-3-110/S         Cool White         5000K-6000K           CSC41V-E14-3-110/S         Flame         2400K-2600K           CSC41V-E14-3-220/S         Cool White         5000K-6000K           CSC41V-E14-3-220/S         Warm White         2600K-3000K           CSC41V-E14-3-220/S         Warm White         2600K-3000K           CSC41V-E14-3-220/S         Flame         2400K-2600K           CSC41V-E12-3-110/S         Cool White         5000K-6000K           CSC41V-E12-3-110/S         Cool White         5000K-6000K           CSC41W-E12-3-110/S         Flame         2400K-2600K           CSC41W-E12-3-110/S         Flame         2400K-2600K           CSC41W-E12-3-220/S         Cool Wh	CSC41F-B22-3-220/S	Flame	2400K~2600K		VAC		120 lm±10%	n/a	
CSC41V-E17-3-110/S         Warr White         2600K-3000K           CSC41F-E17-3-110/S         Flame         2400K-2600K           CSC41F-E17-3-220/S         Cool White         5000K-6000K           CSC41F-E17-3-220/S         Warr White         2600K-3000K           CSC41F-E17-3-220/S         Flame         2400K-2600K           CSC41F-E17-3-220/S         Flame         2400K-2600K           CSC41F-E17-3-220/S         Flame         2400K-2600K           CSC41F-E14-3-110/S         Cool White         5000K-6000K           CSC41F-E14-3-110/S         Sourt - 2600K         Participaa           CSC41W-E14-3-110/S         Flame         2400K-2600K           CSC41W-E14-3-210/S         Cool White         5000K-6000K           CSC41W-E14-3-220/S         Flame         2400K-2600K           CSC41W-E14-3-220/S         Flame         2400K-2600K           CSC41W-E12-3-110/S         Cool White         5000K-6000K           CSC41W-E12-3-110/S         Cool White         5000K-6000K           CSC41W-E12-3-110/S         Cool White         5000K-6000K           CSC41W-E12-3-110/S         Flame         2400K-2600K           CSC41W-E12-3-110/S         Flame         2400K-2600K           CSC41W-E12-3-220/S         Cool White <td>CSC41W-E17-3-110/S</td> <td>Cool White</td> <td>5000K~6000K</td> <td></td> <td></td> <td></td> <td>200 lm±10%</td> <td>n/a</td> <td></td>	CSC41W-E17-3-110/S	Cool White	5000K~6000K				200 lm±10%	n/a	
CSC41F-E17-3-110/S         Flame         2400K-2600K           CSC41W-E17-3-220/S         Cool White         5000K-6000K         220-240         1X3.6W         120 lm±10%         n/a         20° ±2°           CSC41W-E17-3-220/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a         20° ±2°           CSC41W-E14-3-110/S         Cool White         5000K-6000K         VAC         100-120         130 lm±10%         n/a           CSC41W-E14-3-110/S         Cool White         5000K-6000K         Flame         2400K-2600K         VAC         130 lm±10%         n/a           CSC41W-E14-3-110/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a         200° ±2°           CSC41W-E14-3-200/S         Cool White         5000K-6000K         E14         1X3.6W         130 lm±10%         n/a         200° ±2°           CSC41W-E12-3-110/S         Cool White         5000K-6000K         VAC         130 lm±10%         n/a         200° ±2°           CSC41W-E12-3-110/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a         200° ±2°           CSC41W-E12-3-110/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a         200° ±2°	CSC41V-E17-3-110/S	Warm White	2600K~3000K		100~120	1X3.6W	130 lm±10%	n/a	200° ±2°
CSC41W-E17-3-220/S         Cool White         5000K-6000K         220-240         200 lm ± 10%         n/a           CSC41V-E17-3-220/S         Warm White         2600K-3000K         VAC         130 lm ± 10%         n/a           CSC41V-E17-3-220/S         Flame         2400K-2600K         VAC         120 lm ± 10%         n/a           CSC41W-E14-3-110/S         Cool White         5000K-6000K         VAC         100-120         N/a           CSC41W-E14-3-110/S         Flame         2400K-2600K         Flame         2400K-2600K         100-120         N/a           CSC41W-E14-3-110/S         Flame         2400K-2600K         Flame         2400K-2600K         130 lm ± 10%         n/a           CSC41W-E14-3-220/S         Cool White         5000K-6000K         E14         130 lm ± 10%         n/a         200° ± 2°           CSC41W-E14-3-220/S         Warm White         2600K-3000K         VAC         120 lm ± 10%         n/a           CSC41W-E12-3-110/S         Flame         2400K-2600K         Flame         2400K-2600K         130 lm ± 10%         n/a           CSC41W-E12-3-10/S         Flame         2400K-2600K         Flame         2400K-2600K         130 lm ± 10%         n/a           CSC41W-E12-3-220/S         Cool White	CSC41F-E17-3-110/S	Flame	2400K~2600K		VAC		120 lm±10%	n/a	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	CSC41W-E17-3-220/S	Cool White	5000K~6000K	E17	220~240		200 lm±10%	n/a	
CSC41F-E17-3-220/S         Flame         2400K-2600K         120 lm±10%         n/a           CSC41W-E14-3-110/S         Cool White         5000K-6000K         100-120         130 lm±10%         n/a           CSC41V-E14-3-110/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a           CSC41V-E14-3-110/S         Flame         2400K-2600K         VAC         130 lm±10%         n/a           CSC41V-E14-3-220/S         Cool White         5000K-6000K         220-240         VAC         130 lm±10%         n/a           CSC41V-E14-3-220/S         Warm White         2600K-3000K         220-240         VAC         130 lm±10%         n/a           CSC41V-E12-3-110/S         Flame         2400K-2600K         Plane         2400K-2600K         200 lm±10%         n/a           CSC41V-E12-3-110/S         Cool White         5000K-6000K         VAC         130 lm±10%         n/a           CSC41V-E12-3-110/S         Flame         2400K-2600K         Plane         2400K-2600K         220-240         130 lm±10%         n/a           CSC41V-E12-3-20/S         Cool White         5000K-6000K         VAC         130 lm±10%         n/a         200° ±2°           CSC41V-E12-3-220/S         Warm White         2600K-3000K <td>CSC41V-E17-3-220/S</td> <td>Warm White</td> <td>2600K~3000K</td> <td></td> <td>130 lm±10%</td> <td>n/a</td>	CSC41V-E17-3-220/S	Warm White	2600K~3000K				130 lm±10%	n/a	
CSC41V-E14-3-110/S         Warm White         2600K-3000K           CSC41V-E14-3-110/S         Flame         2400K-2600K           CSC41V-E14-3-220/S         Cool White         5000K-6000K           CSC41V-E14-3-220/S         Cool White         5000K-6000K           CSC41V-E14-3-220/S         Warm White         2600K-3000K           CSC41V-E14-3-220/S         Flame         2400K-2600K           CSC41V-E12-3-110/S         Cool White         5000K-6000K           CSC41V-E12-3-110/S         Cool White         5000K-6000K           CSC41V-E12-3-110/S         Cool White         5000K-6000K           CSC41V-E12-3-110/S         Flame         2400K-2600K           CSC41V-E12-3-110/S         Flame         2400K-2600K           CSC41V-E12-3-110/S         Flame         2400K-2600K           CSC41V-E12-3-220/S         Cool White         5000K-6000K           CSC41V-E12-3-220/S         Cool White         5000K-6000K           CSC41V-E12-3-220/S         Warm White         2600K-3000K           CSC41V-E12-3-220/S         Warm White         2600K-3000K           VAC         130 Im±10%         n/a           220-240         VAC         130 Im±10%         n/a           2000 m±10%         n/a <t< td=""><td>CSC41F-E17-3-220/S</td><td>Flame</td><td>2400K~2600K</td><td></td><td>VAC</td><td>120 lm±10%</td><td>n/a</td></t<>	CSC41F-E17-3-220/S	Flame	2400K~2600K		VAC		120 lm±10%	n/a	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	CSC41W-E14-3-110/S	Cool White	5000K~6000K		400,400	– 1X3.6W	200 lm±10%	n/a	200° ±2°
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	CSC41V-E14-3-110/S	Warm White	2600K~3000K		VAC		130 lm±10%	n/a	
CSC41W-E14-3-220/S         Cool White         5000K-6000K           CSC41V-E14-3-220/S         Warm White         2600K-3000K           CSC41V-E14-3-220/S         Flame         2400K-2600K           CSC41W-E12-3-110/S         Cool White         5000K-6000K           CSC41V-E12-3-110/S         Cool White         5000K-6000K           CSC41V-E12-3-110/S         Cool White         5000K-6000K           CSC41V-E12-3-110/S         Warm White         2600K-3000K           CSC41W-E12-3-110/S         Flame         2400K-2600K           CSC41W-E12-3-110/S         Flame         2400K-2600K           CSC41W-E12-3-220/S         Cool White         5000K-6000K           CSC41V-E12-3-220/S         Warm White         2600K-3000K           CSC41V-E12-3-220/S         Warm White         2600K-3000K           CSC41V-E12-3-220/S         Warm White         2600K-2600K           CSC41F-E12-3-220/S         Warm White         2600K-3000K           VAC         120 Im±10%         n/a           120 Im±10%         n/a           120 Im±10%         n/a           CSC41F-E12-3-220/S         Warm White         2600K-3000K           CSC41F-E12-3-220/S         Flame         2400K-2600K           CSC41F-E12-3-220/S	CSC41F-E14-3-110/S	Flame	2400K~2600K				120 lm±10%	n/a	
CSC41V-E14-3-220/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a           CSC41F-E14-3-220/S         Flame         2400K-2600K         120 lm±10%         n/a         120 lm±10%         n/a           CSC41F-E12-3-110/S         Cool White         5000K-6000K         VAC         200 lm±10%         n/a           CSC41V-E12-3-110/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a           CSC41V-E12-3-110/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a           CSC41V-E12-3-110/S         Flame         2400K-2600K         E12         1X3.6W         120 lm±10%         n/a           CSC41W-E12-3-220/S         Cool White         5000K-6000K         220-240         130 lm±10%         n/a           CSC41V-E12-3-220/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a           CSC41V-E12-3-220/S         Warm White         2600K-3000K         VAC         130 lm±10%         n/a           CSC41F-E12-3-220/S         Flame         2400K-2600K         VAC         130 lm±10%         n/a           CSC41W-B15-3-110/S         Cool White         5000K-6000K         VAC         120 lm±10%         n/a  <	CSC41W-E14-3-220/S	Cool White	5000K~6000K	E14	220~240		200 lm±10%	n/a	
CSC41F-E14-3-220/S         Flame         2400K-2600K         120 lm±10%         n/a           CSC41W-E12-3-110/S         Cool White         5000K~6000K         100~120         130 lm±10%         n/a           CSC41V-E12-3-110/S         Warm White         2600K~3000K         VAC         130 lm±10%         n/a           CSC41F-E12-3-110/S         Flame         2400K~2600K         E12         1X3.6W         120 lm±10%         n/a           CSC41W-E12-3-220/S         Cool White         5000K~6000K         E12         1X3.6W         120 lm±10%         n/a           CSC41V-E12-3-220/S         Cool White         5000K~6000K         E12         1X3.6W         120 lm±10%         n/a           CSC41V-E12-3-220/S         Warm White         2600K~3000K         VAC         130 lm±10%         n/a           CSC41F-E12-3-220/S         Warm White         2600K~3000K         VAC         130 lm±10%         n/a           CSC41F-E12-3-220/S         Flame         2400K~2600K         VAC         130 lm±10%         n/a           CSC41F-E12-3-220/S         Flame         2400K~2600K         VAC         120 lm±10%         n/a           CSC41W-B15-3-110/S         Cool White         5000K~6000K         200 lm±10%         n/a	CSC41V-E14-3-220/S	Warm White	2600K~3000K				130 lm±10%	n/a	
CSC41V-E12-3-110/S         Warm White         2600K~3000K           CSC41F-E12-3-110/S         Flame         2400K~2600K           CSC41W-E12-3-220/S         Cool White         5000K~6000K           CSC41V-E12-3-220/S         Cool White         5000K~6000K           CSC41V-E12-3-220/S         Warm White         2600K~3000K           CSC41F-E12-3-220/S         Warm White         2600K~3000K           CSC41F-E12-3-220/S         Warm White         2600K~3000K           VAC         220~240           VAC         130 Im±10%         n/a           120 Im±10%         n/a           120 Im±10%         n/a	CSC41F-E14-3-220/S	Flame	2400K~2600K		VAC		120 lm±10%	n/a	
CSC41V-E12-3-110/S         Warm White         2600K~3000K           CSC41F-E12-3-110/S         Flame         2400K~2600K           CSC41F-E12-3-220/S         Cool White         5000K~6000K           CSC41V-E12-3-220/S         Cool White         5000K~6000K           CSC41F-E12-3-220/S         Warm White         2600K~3000K           CSC41F-E12-3-220/S         Warm White         2600K~3000K           VAC         120 Im±10%         n/a           220~240         VAC         130 Im±10%         n/a           CSC41F-E12-3-220/S         Warm White         2600K~3000K         VAC         130 Im±10%         n/a           CSC41F-E12-3-220/S         Flame         2400K~2600K         VAC         120 Im±10%         n/a           CSC41W-B15-3-110/S         Cool White         5000K~6000K         200 Im±10%         n/a	CSC41W-E12-3-110/S	Cool White	5000K~6000K		400,400		200 lm±10%	n/a	
CSC41F-E12-3-110/S         Flame         2400K-2600K           CSC41W-E12-3-220/S         Cool White         5000K-6000K           CSC41V-E12-3-220/S         Cool White         5000K-6000K           CSC41V-E12-3-220/S         Warm White         2600K-3000K           CSC41F-E12-3-220/S         Flame         2400K-2600K           VAC         130 Im±10%         n/a           120 Im±10%         n/a           CSC41W-B15-3-110/S         Cool White         5000K-6000K	CSC41V-E12-3-110/S	Warm White	2600K~3000K	E12		-120	130 lm±10%	n/a	
CSC41W-E12-3-220/S         Cool White         5000K~6000K         220~240         200 lm±10%         n/a           CSC41V-E12-3-220/S         Warm White         2600K~3000K         VAC         130 lm±10%         n/a           CSC41F-E12-3-220/S         Flame         2400K~2600K         VAC         120 lm±10%         n/a           CSC41W-B15-3-110/S         Cool White         5000K~6000K         200 lm±10%         n/a	CSC41F-E12-3-110/S	Flame	2400K~2600K		VAC		120 lm±10%	n/a	
CSC41V-E12-3-220/S         Warm White         2600K~3000K         VAC         130 lm±10%         n/a           CSC41F-E12-3-220/S         Flame         2400K-2600K         VAC         120 lm±10%         n/a           CSC41W-B15-3-110/S         Cool White         5000K-6000K         200 lm±10%         n/a	CSC41W-E12-3-220/S	Cool White	5000K~6000K		000 040		200 lm±10%	n/a	200° ±2°
CSC41F-E12-3-220/S         Flame         2400K~2600K         120 lm±10%         n/a           CSC41W-B15-3-110/S         Cool White         5000K~6000K         200 lm±10%         n/a	CSC41V-E12-3-220/S	Warm White	2600K~3000K				130 lm±10%	n/a	
CSC41W-B15-3-110/S         Cool White         5000K~6000K         400,400         200 lm±10%         n/a	CSC41F-E12-3-220/S	Flame	2400K~2600K		VAC		120 lm±10%	n/a	
	CSC41W-B15-3-110/S	Cool White	5000K~6000K		100~120	VAC	200 lm±10%	n/a	
CSC41V-B15-3-110/S Warm White 2600K~3000K 130 lm±10% n/a	CSC41V-B15-3-110/S	Warm White	2600K~3000K	1			130 lm±10%	n/a	
CSC41F-B15-3-110/S Flame 2400K-2600K 120 lm±10% n/a	CSC41F-B15-3-110/S	Flame	2400K~2600K		VAC		120 lm±10%	n/a	
BA15d         1X3.6W         200° ±2°           CSC41W-B15-3-220/S         Cool White         5000K~6000K         200 at a         200 lm±10%         n/a	CSC41W-B15-3-220/S	Cool White	5000K~6000K	BA15d	000 010	1X3.6W	200 lm±10%	n/a	200° ±2°
CSC41V-B15-3-110/S         Warm White         2600K~3000K         220~240         130 lm±10%         n/a	CSC41V-B15-3-110/S	Warm White	2600K~3000K	1			130 lm±10%	n/a	
CSC41F-B15-3-220/S Flame 2400K~2600K VAC 120 lm±10% n/a	CSC41E-B15-3-220/S	Flame	2400K~2600K		VAC		120 lm±10%	n/a	

3<sup>rd</sup> Floor, Building 36, Xin Mu Industrial Park, Ping Hu Town, Longgang, Shenzhen, China PRC TEL +86.755.6120.1818 · FAX +86.755.6120.1817 · sales@brilliance-tech.com



## Typical Electrical Characteristics at Ta=25°C

### 4W Model

Parameter	Symbol	Min	Тур	Мах	Unit
Input Voltage (AC)	V <sub>AC</sub>	90	-	260	V
LED Forward Current	I <sub>F</sub>	-	250	-	mA
Estimated usable Life <sup>[*]</sup>		-	30,000	_	hours
Optimized Body Temperature (1X3.6W LED)	т	_	55	60	°C

Note[\*] – Manufacturer projects BriLED lamp made with Sharp LED to maintain an average of 70% lumens maintenance after 30,000 hours. This estimation is made based on data from LED manufacturer

#### LIMITED WARRANTY

Manufacturer warrants to the Purchaser that each Product manufactured and sold by it will be free from defects in material and workmanship in its intended use (normal wear and tear excepted) for the period of two years from manufactured date. Manufacturer's warranty flows only to Purchaser. If any Product covered by this warranty is returned by Purchaser in accordance with Manufacturer's Products Return Policy, including without limitation its return authorization provisions, within the applicable warranty period set forth above, and upon examination Manufacturer will, at its option, repair or replace the Product or the defective part thereof, or reimburse Purchaser for the purchase price. For purposes of clarity, "repair or replace the Product or the defective part thereof" does not include any reinstallation costs or expenses. If Manufacturer chooses to replace the Product and is not able to do so because it has been discontinued or is not available, Manufacturer may replace it with a comparable product. The Products Return Policy is posted on Manufacturer's Internet web site at <a href="http://www.brilliance-led.com/En\_terms\_conditions.asp">http://www.brilliance-led.com/En\_terms\_conditions.asp</a>. The foregoing notwithstanding, Manufacturer will not be responsible for damage to any Product resulting from misuse, negligence, acts of God or accident or resulting from repairs or alterations made by any person or firm not duly authorized by Manufacturer in writing. Purchaser shall convey with each Product distributed to end users the MANUFACTURER'S LIMITED WARRANTY included by Manufacturer with such Product, and, if Manufacturer determines that the appropriate remedy for a defective product is refund of Purchaser's purchase price, Purchaser shall refund to the end user (or arrange for the refund to the end user of) the full purchase price paid by the end user for such defective Product.

#### THIRD PARTY WARRANTIES

With respect to products sold to the Purchaser by Manufacturer but not manufactured by Manufacturer, MANUFACTURER MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, but will make available to the Purchaser, to the extent permitted by law and relevant contracts, the warranties of the manufacturer of the relevant product upon the Purchaser's timely written request.

#### **NON-IMPLIED WARRANTIES**

THE WARRANTIES GIVEN IN THESE TERMS ARE THE ONLY WARRANTIES GIVEN BY THE MANUFACTURER WITH RESPECT TO THE PRODUCTS AND ARE GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, OF NON INFRINGEMENT AND OF FITNESS FOR A PARTICULAR PURPOSE. PURCHASER'S EXCLUSIVE REMEDIES, AND MANUFACTURER'S SOLE LIABILITY, FOR ANY NONCONFORMITY OR DEFECT IN ANY PRODUCT SHALL BE THOSE EXPRESSED HEREIN.

### LIMITATION OF LIABILITY

An essential purpose of the limited exclusive liabilities and remedies in this Agreement is allocation of risks between Manufacturer and Purchaser, which allocation of risks is reflected in the purchase price for the Products. UNDER NO CIRCUMSTANCES SHALL MANUFACTURER'S LIABILITY ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT OR MANUFACTURER'S PERFORMANCE OR ASSERTED FAILURE TO PERFORM HEREUNDER, IN CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, EXCEED THE PURCHASE PRICE OF THE PRODUCT TO WHICH SUCH LIABILITY RELATES. IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR SPECIAL,

3<sup>rd</sup> Floor, Building 36, Xin Mu Industrial Park, Ping Hu Town, Longgang, Shenzhen, China PRC TEL +86.755.6120.1818 · FAX +86.755.6120.1817 · sales@brilliance-tech.com



**BriLED LED Bulb** 

INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, WHETHER OR NOT MANUFACTURER HAS BEEN ADVISED OF THE POSSIBILITY THEREOF.

Patents Pending Product 4W BriLED – CSC41/SKG3 Rev. 1.0d Specifications are subject to change without notice. Copyright Brilliance Technologies Co., Ltd. All rights reserved



3<sup>rd</sup> Floor, Building 36, Xin Mu Industrial Park, Ping Hu Town, Longgang, Shenzhen, China PRC TEL +86.755.6120.1818 · Fax +86.755.6120.1817 · sales@brilliance-tech.com