

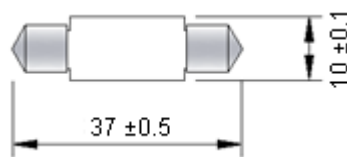
## Features:

- High brightness, small size
- Long life span : >5,000 hours
- Environment friendly
- No mercury or other materials
- No UV, IR
- Energy-saving, environment friendly

## Applications:

- Reading lights (Automotive, Marine, Aircraft)
- Portable (flashlight, bicycle)
- Decorative
- Architectural detail
- Cove lighting
- Automotive exterior
- Household appliances

## Festoon 37 mm, 3 LEDs



Dimensions : Millimetres

High brightness equivalent to 6 W halogen lamp while power consumption as low as 0.66 W

## Specifications:

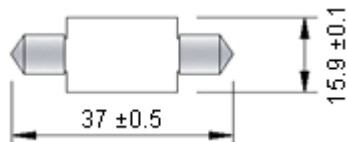
### Warm White (MCF373BS30DWW)

Fits Socket	: 37, 38, 39 mm (SV8) cone end festoon
Dimensions	: 1.48 inches (37 mm) × 0.636 inches (15.9 mm)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 0.66 W
LED Emitting Colour	: Warm white
CCT / Colour	: 2,800 to 3,200 K
LED Type / Quantity	: 3 × SMD
Beam Angle	: 120°
Light Output (Lumens)	: 48 Lumens

### Cool White (MCF373BS30DCW)

Fits Socket	: 37, 38, 39 mm (SV8) cone end festoon
Dimensions	: 1.48 inches (37 mm) × 0.636 inches (15.9 mm)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 0.66 W
LED Emitting Colour	: Cool white
CCT / Colour	: 6,000 to 7,000 K
LED Type / Quantity	: 3 × SMD
Beam Angle	: 120°
Light Output (Lumens)	: 52 Lumens

## Festoon 37 mm, 6 LEDs



Dimensions : Millimetres

Equivalent to 12 W halogen, while power consumption as low as 1.3 W

## Specifications:

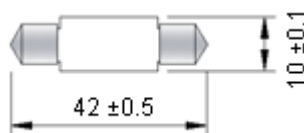
### Warm White (MCF376BS30DWW)

Fits Socket	: 37, 38, 39 mm (SV8) cone end festoon
Dimensions	: 1.48 inches (37 mm) × 0.636 inches (15.9 mm)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 0.66 W
LED Emitting Colour	: Warm white
CCT/ Colour	: 2,800 to 3,200 K
LED Type / Quantity	: 6 × SMD
Beam Angle	: 120°
Light Output (Lumens)	: 97 Lumens

### Cool White (MCF376BS30DCW)

Fits Socket	: 37, 38, 39 mm (SV8) cone end festoon
Dimensions	: 1.48 inches (37 mm) × 0.636 inches (15.9 mm)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 1.5 W
LED Emitting Colour	: Cool white
CCT/ Colour	: 6,000 to 7,000 K
LED Type / Quantity	: 6 × SMD
Beam Angle	: 120°
Light Output (Lumens)	: 107 Lumens

### Festoon 42 mm, 3 LEDs, SMD5050



Dimensions : Millimetres

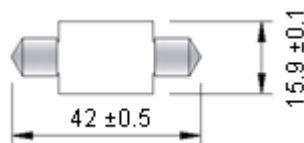
Designed as a replacement for traditional incandescent auto bulb

High brightness equivalent to 6 W incandescent bulb, power consumption as low as 0.66 W

## Specification Table

CCT / Colour	Voltage	LED Quantity	CRI	Watts (Typical)	Lumens (Typical)	Part Number
Cool White 6,000 to 7,000 K	10 to 30 V dc	3	-	0.5	45	MCF423BS30DCW
Warm White 2,800 to 3,200 K	10 to 30 V dc	3	-	0.5	38	MCF423BS30DWW

### Festoon 42 mm, 6 LEDs, SMD5050



Dimensions : Millimetres

High brightness equivalent to 10 W incandescent lamp power consumption as low as 1.3 W

## Specifications:

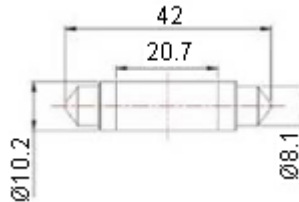
### Warm White (MCF426BS30DWW)

Fits Socket	: SV8.5
Dimensions	: 1.68 inches (42 mm) × 0.636 inches (15.9 mm) (L × W)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 1.5 W
LED Emitting Colour	: Warm white
CCT / Colour	: 2,800 to 3,200 K
LED Type / Quantity	: 6 × SMD
Beam Angle	: 120°
Light Output (Lumens)	: 97 Lumens

### Cool White (MCF426BS30DCW)

Fits Socket	: SV8.5
Dimensions	: 1.68 inches (42 mm) × 0.636 inches (15.9 mm) (L × W)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 1.5 W
LED Emitting Colour	: Cool white
CCT / Colour	: 6,000 to 7,000 K
LED Type / Quantity	: 6 × SMD
Beam Angle	: 120°
Light Output (Lumens)	: 107 Lumens

## Festoon 42mm, 6 LEDs, Waterproof



Dimensions : Millimetres

## Specifications:

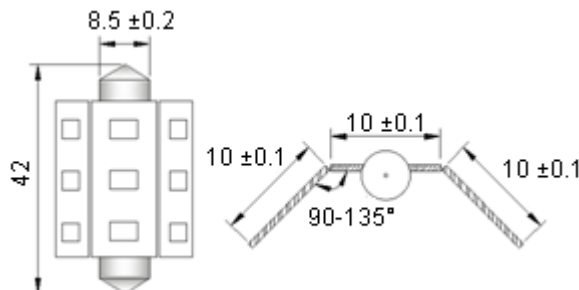
### Warm White (MCF426NSC30DWW)

Fits Socket	: SV8.5
Dimensions	: 1.68 inches (42 mm) × 0.636 inches (15.9 mm) (L × W)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 0.5 W
LED Emitting Colour	: Warm white
CCT / Colour	: 2,800 to 3,200 K
LED Type / Quantity	: 6 × SMD
Beam Angle	: 120°
Light Output (Lumens)	: 40 Lumens

### Cool White (MCF426NSC30DCW)

Fits Socket	: SV8.5
Dimensions	: 1.68 inches (42 mm) × 0.636 inches (15.9 mm) (L × W)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 0.5 W
LED Emitting Colour	: Cool white
CCT / Colour	: 6,000 to 7,000 K
LED Type / Quantity	: 6 × SMD
Beam Angle	: 120°
Light Output (Lumens)	: 45 Lumens

## Festoon 42 mm, 9 LEDs, SMD5050



Dimensions : Millimetres

## Features :

- Designed as a replacement of traditional halogen festoon auto bulb
- High brightness equivalent to 15 W halogen lamp
- Power consumption as low as 2 W
- Built-in constant current circuit
- No UV, IR or other deleterious radiation. No mercury
- Long life up to 40,000 hours
- Excellent thermal performance

## Specifications:

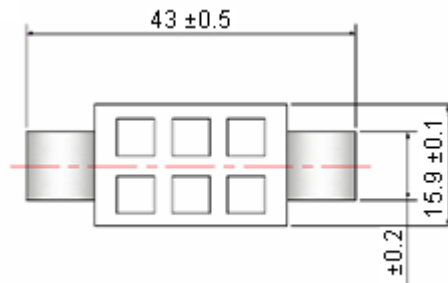
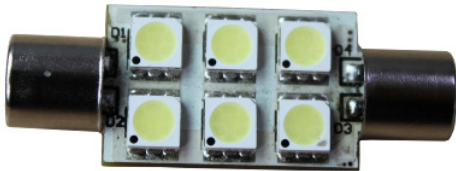
### Warm White (MCF429BS30DWW)

Fits Socket	: SV8.5
Dimensions	: 1.68 inches (42 mm) × 0.636 inches (15.9 mm) (L × W)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 0.5 W
LED Emitting Colour	: Warm white
CCT / Colour	: 2,800 to 3,200 K
LED Type / Quantity	: 9 × SMD
Beam Angle	: 120°
Light Output (Lumens)	: 141 Lumens

### Cool White (MCF429BS30DCW)

Fits Socket	: SV8.5
Dimensions	: 1.68 inches (42 mm) × 0.636 inches (15.9 mm) (L × W)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 0.5 W
LED Emitting Colour	: Cool white
CCT / Colour	: 6,000 to 7,000 K
LED Type / Quantity	: 9 × SMD
Beam Angle	: 120°
Light Output (Lumens)	: 160 Lumens

## Navigation BL43 Festoon, Barrel ends 43 mm, 6 LEDs



Dimensions : Millimetres

## Specifications:

### Warm White (MCBL436BS30DWW)

Fits Socket	: 37, 38, 39 mm (SV8) cone end festoon
Dimensions	: 1.76 inches (44 mm) diameter × 0.88 inches (22 mm)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 1.5 W
LED Emitting Colour	: Warm white
CCT / Colour	: 2,800 to 3,200 K
LED Type / Quantity	: 6 × SMD
Beam Angle	: 120°
Light Output (Lumens)	: 97 Lumens

### Cool White (MCBL436BS30DCW)

Fits Socket	: 37, 38, 39 mm (SV8) cone end festoon
Dimensions	: 1.76 inches (44 mm) diameter × 0.88 inches (22 mm)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 1.5 W
LED Emitting Colour	: Cool white
CCT / Colour	: 6,000 to 7,000 K
LED Type / Quantity	: 6 × SMD
Beam Angle	: 120°
Light Output (Lumens)	: 107 Lumens

# Festoon Series

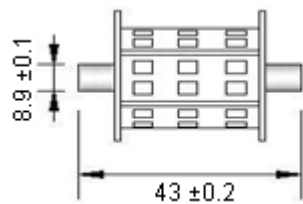


## Specification Table

CCT / Colour	Voltage	LED Quantity	CRI	Watts (Typical)	Lumens (Typical)	Part Number
Red	10 to 30 V dc	6	-	-	-	MCBL436BS30DRD
Green	10 to 30 V dc	6	-	-	-	MCBL436BS30DGN

Testing of Navigation lights for certification is done with the bulb in the fixture. The purchaser assumes all liability for the use of these bulbs when using them as a replacement for the original approved light source

## Navigation Festoon, Barrel ends 43 mm, 30 LEDs



Dimensions : Millimetres

## Specifications:

### Warm White (MCBL4330SS30DWW)

Fits Socket	: 43 mm barrel end festoon (Aqua Signal)
Dimensions	: 1.76 inches (44 mm) diameter × 0.88 inches (22 mm)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 1.5 W
LED Emitting Colour	: Warm white
CCT / Colour	: 2,800 to 3,200 K
LED Type / Quantity	: 30 × SMD
Beam Angle	: 120° (five directions) 360° pattern
Light Output (Lumens)	: 100 Lumens

### Cool White (MCBL4330SS30DCW)

Fits Socket	: 43 mm barrel end festoon (Aqua Signal)
Dimensions	: 1.76 inches (43 mm) diameter × 0.88 inches (22 mm)
Input Voltage	: 10 to 30 V dc
Power (Watts)	: 1.5 W
LED Emitting Colour	: Cool white
CCT / Colour	: 6,000 to 7,000 K
LED Type / Quantity	: 30 × SMD
Beam Angle	: 120° (five directions) 360° pattern
Light Output (Lumens)	: 106 Lumens

## Specification Table

CCT / Colour	Voltage	LED Quantity	CRI	Watts (Typical)	Lumens (Typical)	Part Number
Red	10 to 30 V dc	30	-	1.5	-	MCBL4330SS30DRD
Green	10 to 30 V dc	30	-	1.5	-	MCBL4330SS30DGN

Testing of Navigation lights for certification is done with the bulb in the fixture. The purchaser assumes all liability for the use of these bulbs when using them as a replacement for the original approved light source

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