

# AT9456

AT9456/60/DL

8W GU10 LED Lamp. Dimmable with Lens

## Features

- Energy efficient LED lamp
- Long Life
- No mercury Content
- Suitable replacement for halogen and incandescent lamps
- Suitable for use with dimmers



## ORDERING INFORMATION

<b>Order code</b>	18649
<b>Description</b>	8W GU10 LED LAMP 60° DL DIMMABLE
<b>Driver Type</b>	Dimmable ( Phase cut)
<b>Item Code</b>	AT9456/60/DL

## MECHANICAL

<b>Adjustability</b>	Fixed
<b>Diffuser Material</b>	Polycarbonate
<b>Product Finish</b>	Frosted
<b>Fitting Colour</b>	White
<b>IP Rating</b>	IP20

## ELECTRICAL

<b>Input Frequency</b>	50 Hz
<b>Input voltage</b>	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
<b>Maximum Wattage</b>	7 W
<b>Power Factor</b>	0.5
<b>Switch Type</b>	Inline
<b>System Max Wattage</b>	7 W
<b>Working Temp Range</b>	-20 to 40 °C

## LAMP

<b>Beam Angle</b>	60 °
<b>Bulb Type</b>	GU10
<b>CCT Configuration</b>	Single
<b>CRI</b>	>80
<b>Globe Base</b>	GU10
<b>Globe Included</b>	Yes
<b>Led Package</b>	2835
<b>Number of Lamps</b>	1

## LED LIFETIME

<b>LED Lifetime</b>	15000 hrs
This is the Reported LED Lifetime in Hours based on TM-21. Atom does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.	

## COLOUR TEMPERATURE

<b>CCT</b>	5700 K
<b>CCT Colour</b>	Daylight
<b>System Lumens</b>	700 lm
All photometric data has a tolerance of ±10%.	

## DRIVER

<b>Dimmable</b>	Yes
<b>Driver Included</b>	Yes
<b>Integrated Driver</b>	Yes
<b>Driver Type</b>	Dimmable ( Phase cut)

## COMPLIANCE

<b>Product Design Life</b>	10 years
The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.	
<b>Daily Use</b>	4 hrs
The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.	
<b>Standards</b>	AS/NZS 62560 IEC/TR 62778 AS CISPR 15

## WARRANTY

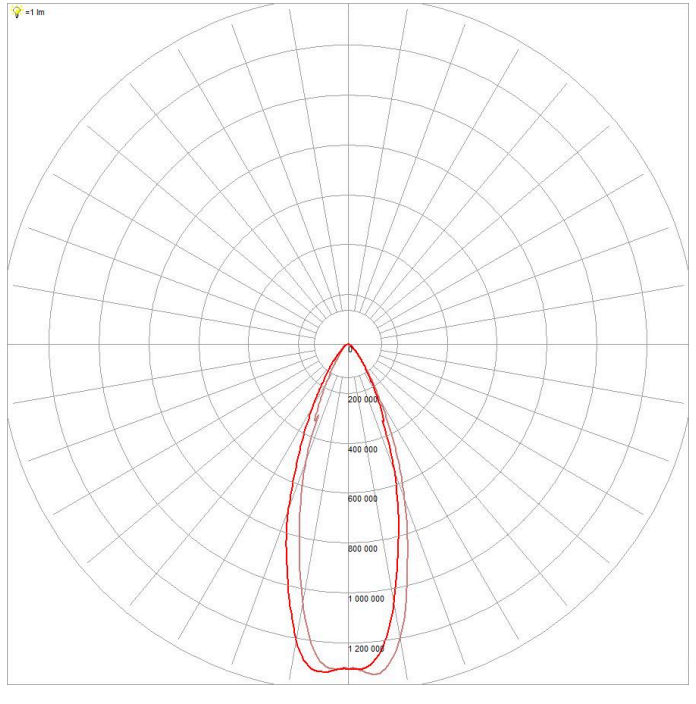
<b>Domestic Use Warranty</b>	1 (Yr) RTB
<b>VIP Warranty</b>	2 RTB (Total 2 Years)
VIP warranty is available to registered users and is subjected to additional terms and conditions.	
<b>Warranty Operating Hours</b>	500 hrs
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).	

## DIMENSIONS

<b>Product Height</b>	54 mm
<b>Product Width</b>	50 mm

## PHOTOMETRICS

### AT9456/60/DL



## AT9456

AT9456/36/WW

8W GU10 LED Lamp. Dimmable with Lens

## Features

- Energy efficient LED lamp
- Long Life
- No mercury Content
- Suitable replacement for halogen and incandescent lamps
- Suitable for use with dimmers



## ORDERING INFORMATION

Order code	18644
Description	8W GU10 LED LAMP 36° WW DIMMABLE
Driver Type	Dimmable ( Phase cut)
Item Code	AT9456/36/WW

## MECHANICAL

Adjustability	Fixed
Diffuser Material	Polycarbonate
Product Finish	Frosted
Fitting Colour	White
IP Rating	IP20

## ELECTRICAL

Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	7 W
Power Factor	0.5
Switch Type	Inline
System Max Wattage	7 W
Working Temp Range	-20 to 40 °C

## LAMP

Beam Angle	36 °
Bulb Type	GU10
CCT Configuration	Single
CRI	>80
Globe Base	GU10
Globe Included	Yes
Led Package	2835
Number of Lamps	1

## LED LIFETIME

LED Lifetime	15000 hrs
This is the Reported LED Lifetime in Hours based on TM-21. Atom does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.	

## COLOUR TEMPERATURE

CCT	3000 K
CCT Colour	Warm White
System Lumens	700 lm
All photometric data has a tolerance of ±10%.	

## DRIVER

<b>Dimmable</b>	Yes
<b>Driver Included</b>	Yes
<b>Integrated Driver</b>	Yes
<b>Driver Type</b>	Dimmable ( Phase cut)

## COMPLIANCE

<b>Product Design Life</b>	10 years
The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.	
<b>Daily Use</b>	4 hrs
The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.	
<b>Standards</b>	AS/NZS 62560 IEC/TR 62778 AS CISPR 15

## WARRANTY

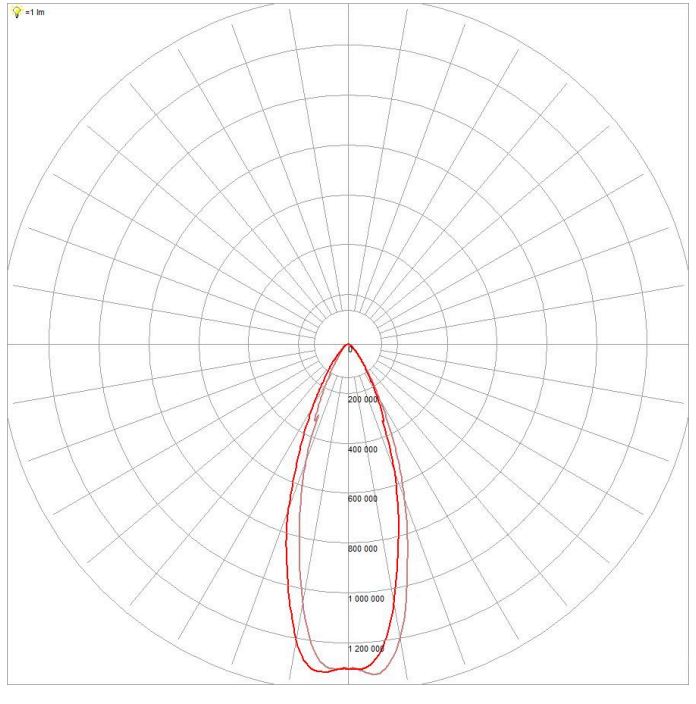
<b>Domestic Use Warranty</b>	1 (Yr) RTB
<b>VIP Warranty</b>	2 RTB (Total 2 Years)
VIP warranty is available to registered users and is subjected to additional terms and conditions.	
<b>Warranty Operating Hours</b>	500 hrs
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).	

## DIMENSIONS

<b>Product Height</b>	54 mm
<b>Product Width</b>	50 mm

## PHOTOMETRICS

AT9456/36/WW



# AT9456

AT9456/36/CW

8W GU10 LED Lamp. Dimmable with Lens

## Features

- Energy efficient LED lamp
- Long Life
- No mercury Content
- Suitable replacement for halogen and incandescent lamps
- Suitable for use with dimmers



## ORDERING INFORMATION

<b>Order code</b>	18645
<b>Description</b>	8W GU10 LED LAMP 36° CW DIMMABLE
<b>Driver Type</b>	Dimmable ( Phase cut)
<b>Item Code</b>	AT9456/36/CW

## MECHANICAL

<b>Adjustability</b>	Fixed
<b>Diffuser Material</b>	Polycarbonate
<b>Product Finish</b>	Frosted
<b>Fitting Colour</b>	White
<b>IP Rating</b>	IP20

## ELECTRICAL

<b>Input Frequency</b>	50 Hz
<b>Input voltage</b>	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
<b>Maximum Wattage</b>	7 W
<b>Power Factor</b>	0.5
<b>Switch Type</b>	Inline
<b>System Max Wattage</b>	7 W
<b>Working Temp Range</b>	-20 to 40 °C

## LAMP

<b>Beam Angle</b>	36 °
<b>Bulb Type</b>	GU10
<b>CCT Configuration</b>	Single
<b>CRI</b>	>80
<b>Globe Base</b>	GU10
<b>Globe Included</b>	Yes
<b>Led Package</b>	2835
<b>Number of Lamps</b>	1

## LED LIFETIME

<b>LED Lifetime</b>	15000 hrs
This is the Reported LED Lifetime in Hours based on TM-21. Atom does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.	

## COLOUR TEMPERATURE

<b>CCT</b>	4000 K
<b>CCT Colour</b>	Cool White
<b>System Lumens</b>	700 lm
All photometric data has a tolerance of ±10%.	

## DRIVER

<b>Dimmable</b>	Yes
<b>Driver Included</b>	Yes
<b>Integrated Driver</b>	Yes
<b>Driver Type</b>	Dimmable ( Phase cut)

## COMPLIANCE

<b>Product Design Life</b>	10 years
The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.	
<b>Daily Use</b>	4 hrs
The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.	
<b>Standards</b>	AS/NZS 62560 IEC/TR 62778 AS CISPR 15

## WARRANTY

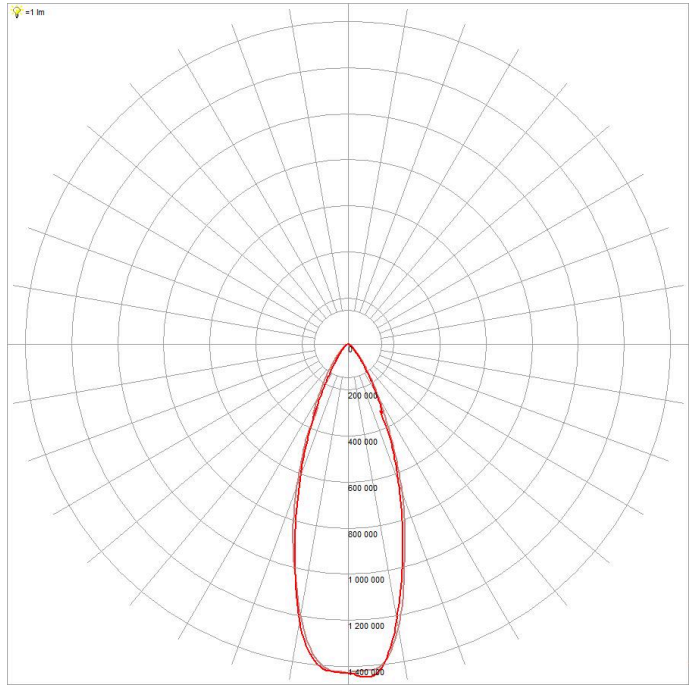
<b>Domestic Use Warranty</b>	1 (Yr) RTB
<b>VIP Warranty</b>	2 RTB (Total 2 Years)
VIP warranty is available to registered users and is subjected to additional terms and conditions.	
<b>Warranty Operating Hours</b>	500 hrs
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).	

## DIMENSIONS

<b>Product Height</b>	54 mm
<b>Product Width</b>	50 mm

## PHOTOMETRICS

### AT9456/36/CW



# AT9456

AT9456/60/WW

8W GU10 LED Lamp. Dimmable with Lens

## Features

- Energy efficient LED lamp
- Long Life
- No mercury Content
- Suitable replacement for halogen and incandescent lamps
- Suitable for use with dimmers



## ORDERING INFORMATION

<b>Order code</b>	18647
<b>Description</b>	8W GU10 LED LAMP 60° WW DIMMABLE
<b>Driver Type</b>	Dimmable ( Phase cut)
<b>Item Code</b>	AT9456/60/WW

## MECHANICAL

<b>Adjustability</b>	Fixed
<b>Diffuser Material</b>	Polycarbonate
<b>Product Finish</b>	Frosted
<b>Fitting Colour</b>	White
<b>IP Rating</b>	IP20

## ELECTRICAL

<b>Input Frequency</b>	50 Hz
<b>Input voltage</b>	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
<b>Maximum Wattage</b>	7 W
<b>Power Factor</b>	0.5
<b>Switch Type</b>	Inline
<b>System Max Wattage</b>	7 W
<b>Working Temp Range</b>	-20 to 40 °C

## LAMP

<b>Beam Angle</b>	60 °
<b>Bulb Type</b>	GU10
<b>CCT Configuration</b>	Single
<b>CRI</b>	>80
<b>Globe Base</b>	GU10
<b>Globe Included</b>	Yes
<b>Led Package</b>	2835
<b>Number of Lamps</b>	1

## LED LIFETIME

<b>LED Lifetime</b>	15000 hrs
This is the Reported LED Lifetime in Hours based on TM-21. Atom does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.	

## COLOUR TEMPERATURE

<b>CCT</b>	3000 K
<b>CCT Colour</b>	Warm White
<b>System Lumens</b>	700 lm
All photometric data has a tolerance of ±10%.	

## DRIVER

<b>Dimmable</b>	Yes
<b>Driver Included</b>	Yes
<b>Integrated Driver</b>	Yes
<b>Driver Type</b>	Dimmable ( Phase cut)

## COMPLIANCE

<b>Product Design Life</b>	10 years
The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.	
<b>Daily Use</b>	4 hrs
The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.	
<b>Standards</b>	AS/NZS 62560 IEC/TR 62778 AS CISPR 15

## WARRANTY

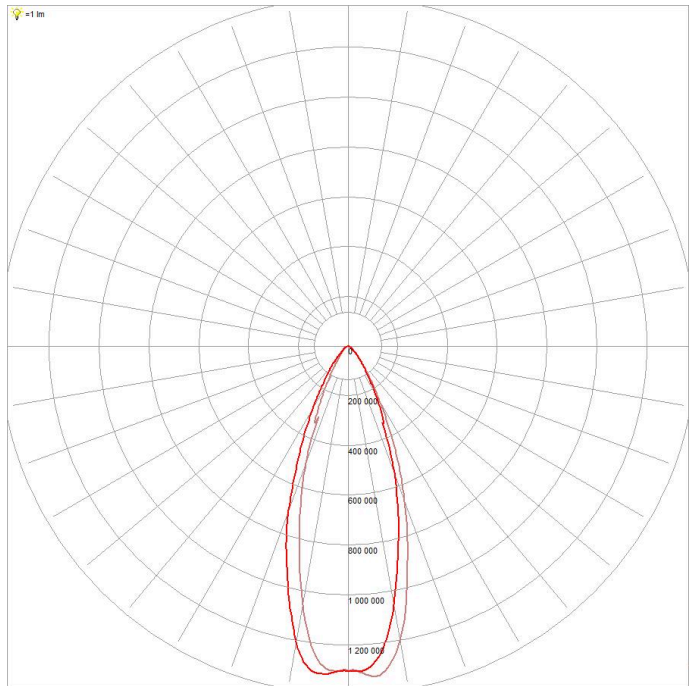
<b>Domestic Use Warranty</b>	1 (Yr) RTB
<b>VIP Warranty</b>	2 RTB (Total 2 Years)
VIP warranty is available to registered users and is subjected to additional terms and conditions.	
<b>Warranty Operating Hours</b>	500 hrs
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).	

## DIMENSIONS

<b>Product Height</b>	54 mm
<b>Product Width</b>	50 mm

## PHOTOMETRICS

### AT9456/60/WW





# AT9456

AT9456/60/CW

8W GU10 LED Lamp. Dimmable with Lens

## Features

- Energy efficient LED lamp
- Long Life
- No mercury Content
- Suitable replacement for halogen and incandescent lamps
- Suitable for use with dimmers



## ORDERING INFORMATION

<b>Order code</b>	18648
<b>Description</b>	8W GU10 LED LAMP 60° CW DIMMABLE
<b>Driver Type</b>	Dimmable ( Phase cut)
<b>Item Code</b>	AT9456/60/CW

## MECHANICAL

<b>Adjustability</b>	Fixed
<b>Diffuser Material</b>	Polycarbonate
<b>Product Finish</b>	Frosted
<b>Fitting Colour</b>	White
<b>IP Rating</b>	IP20

## ELECTRICAL

<b>Input Frequency</b>	50 Hz
<b>Input voltage</b>	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
<b>Maximum Wattage</b>	7 W
<b>Power Factor</b>	0.5
<b>Switch Type</b>	Inline
<b>System Max Wattage</b>	7 W
<b>Working Temp Range</b>	-20 to 40 °C

## LAMP

<b>Beam Angle</b>	60 °
<b>Bulb Type</b>	GU10
<b>CCT Configuration</b>	Single
<b>CRI</b>	>80
<b>Globe Base</b>	GU10
<b>Globe Included</b>	Yes
<b>Led Package</b>	2835
<b>Number of Lamps</b>	1

## LED LIFETIME

<b>LED Lifetime</b>	15000 hrs
This is the Reported LED Lifetime in Hours based on TM-21. Atom does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.	

## COLOUR TEMPERATURE

<b>CCT</b>	4000 K
<b>CCT Colour</b>	Cool White
<b>System Lumens</b>	700 lm
All photometric data has a tolerance of ±10%.	

## DRIVER

<b>Dimmable</b>	Yes
<b>Driver Included</b>	Yes
<b>Integrated Driver</b>	Yes
<b>Driver Type</b>	Dimmable ( Phase cut)

## COMPLIANCE

<b>Product Design Life</b>	10 years
The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.	
<b>Daily Use</b>	4 hrs
The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.	
<b>Standards</b>	AS/NZS 62560 IEC/TR 62778 AS CISPR 15

## WARRANTY

<b>Domestic Use Warranty</b>	1 (Yr) RTB
<b>VIP Warranty</b>	2 RTB (Total 2 Years)
VIP warranty is available to registered users and is subjected to additional terms and conditions.	
<b>Warranty Operating Hours</b>	500 hrs
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).	

## DIMENSIONS

<b>Product Height</b>	54 mm
<b>Product Width</b>	50 mm

## PHOTOMETRICS

AT9456/60/CW

