atom

AT9708 (R80)
AT9708/ES/WW

10W R80 Reflector LED Lamp. Non Dimmable, Frosted lens

Features

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

ORDERING INFORMATION

Order code	18706
Description	10W R80 LED REFLECTOR LAMP E27 WW NON-DIM
Driver Type	Fixed output
Item Code	AT9708/ES/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	9.5 W
Power Factor	0.5
Switch Type	Inline
System Max Wattage	10 W
Working Temp Range	-20 to 40 °C

LAMP

Beam Angle	110 °
Bulb Type	R80
CCT Configuration	Single
CRI	>80
Globe Base	E27
Globe Included	Yes
Lamp/LED Current	30 mA
Lamp/LED voltage	252 V
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
LED Wattage	7.5 W
System Lumens	800 lm

All photometric data has a tolerance of ±10%.

DRIVER

Dimmable	No
Driver Included	Yes
Integrated Driver	Yes
Driver Type	Fixed output

COMPLIANCE

Product Design Life	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.

Daily Use	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.

Standards	AS/NZS 62560
	IEC/TR 62778
	AS CISPR 15

WARRANTY

Domestic Use Warranty	1 (Yr) RTB
VIP Warranty	2 RTB (Total 2 Years)

VIP warranty is available to registered users and is subjected to additional terms and conditions.

Warranty Operating Hours	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

Product Height	114 mm
Product Width	80 mm

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AT9708 (R80)
AT9708/ES/DL

10W R80 Reflector LED Lamp. Non Dimmable, Frosted lens

Features

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

ORDERING INFORMATION

Order code	18708
Description	10W R80 LED REFLECTOR LAMP E27 DL NON-DIM
Driver Type	Fixed output
Item Code	AT9708/ES/DL

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	9.5 W
Power Factor	0.5
Switch Type	Inline
System Max Wattage	10 W
Working Temp Range	-20 to 40 °C

LAMP

Beam Angle	110 °
Bulb Type	R80
CCT Configuration	Single
CRI	>80
Globe Base	E27
Globe Included	Yes
Lamp/LED Current	30 mA
Lamp/LED voltage	252 V
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.

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COLOUR TEMPERATURE

CCT	5700 K
CCT Colour	Daylight
LED Wattage	7.5 W
System Lumens	800 lm

All photometric data has a tolerance of ±10%.

DRIVER

Dimmable	No
Driver Included	Yes
Integrated Driver	Yes
Driver Type	Fixed output

COMPLIANCE

Product Design Life	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.

Daily Use	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.

Standards	AS/NZS 62560
	IEC/TR 62778
	AS CISPR 15

WARRANTY

Domestic Use Warranty	1 (Yr) RTB
VIP Warranty	2 RTB (Total 2 Years)

VIP warranty is available to registered users and is subjected to additional terms and conditions.

Warranty Operating Hours	500 hrs

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DIMENSIONS

Product Height	114 mm
Product Width	80 mm

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AT9708 (R80)
AT9708/ES/CW

10W R80 Reflector LED Lamp. Non Dimmable, Frosted lens

Features

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

ORDERING INFORMATION

Order code	18707
Description	10W R80 LED REFLECTOR LAMP E27 CW NON-DIM
Driver Type	Fixed output
Item Code	AT9708/ES/CW

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	9.5 W
Power Factor	0.5
Switch Type	Inline
System Max Wattage	10 W
Working Temp Range	-20 to 40 °C

LAMP

Beam Angle	110 °
Bulb Type	R80
CCT Configuration	Single
CRI	>80
Globe Base	E27
Globe Included	Yes
Lamp/LED Current	30 mA
Lamp/LED voltage	252 V
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.

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COLOUR TEMPERATURE

CCT	4000 K
CCT Colour	Cool White
LED Wattage	7.5 W
System Lumens	800 lm

All photometric data has a tolerance of ±10%.

DRIVER

Dimmable	No
Driver Included	Yes
Integrated Driver	Yes
Driver Type	Fixed output

COMPLIANCE

Product Design Life	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.

Daily Use	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.

Standards	AS/NZS 62560
	IEC/TR 62778
	AS CISPR 15

WARRANTY

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DIMENSIONS

Product Height	114 mm
Product Width	80 mm