



The new classic light bulb

Halogen Classic Reflector

Philips Halogen Classic light bulbs offer the classical shapes you are used to. This new 'classic' gives high-quality light, is dimmable and starts immediately.

Benefits

- Identical look and feel to standard lamp, with bright, sparkling halogen light
- Fully dimmable, from 0 to 100%, to meet different brightness requirements
- Lower replacement cost due to longer burning hours

Features

- Superior quality of light with excellent color rendering (Ra=100)
- Mains-voltage lamp, no transformer needed
- Universal burning position
- Instant start

Application

- Accent and general lighting applications in homes, offices, shops, hotels and restaurants. Replacement for traditional bulb in classical luminaires

Halogen Classic Reflector

Versions



E27, R80



E14, NR50

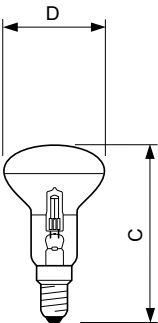
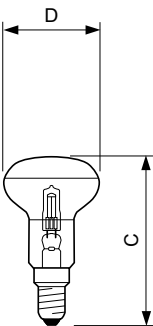
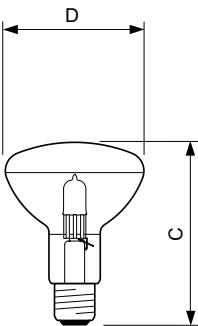


E27, E80



E14, R39, FR

Dimensional drawing



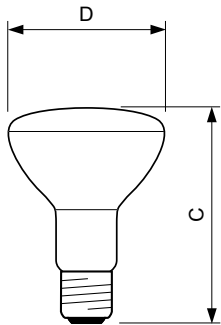
Product	D (max)	C (max)
Halogen Classic E80 55D 1CT/10 SRP	81 mm	112 mm

Product	D (max)	C (max)
EcoClassic 42W E14 230V NR50 1CT/10 SRP	51 mm	86.5 mm

Product	D (max)	C (max)
EcoClassic 28W E14 R39 45D 1CT/10 SRP	40 mm	75.5 mm

Halogen Classic Reflector

Dimensional drawing



Product	D (max)	C (max)
EcoClassic 70W E27 R80 25D 1CT/10 SRP	81 mm	112 mm

Approval and Application

Energy Efficiency Label (EEL)	D
-------------------------------	---

Controls and Dimming

Dimmable	Yes
----------	-----

Operating and Electrical

Voltage (Nom)	230 V
Warm Up Time To 60% Light (Nom)	instant full light

General Information

Nominal Lifetime (Nom)	2000 h
Operating Position	UNIVERSAL
Rated Lifetime (Hours)	2000 h
Switching Cycle	8000X

Light Technical

Correlated Color Temperature (Nom)	2800 K
Color Rendering Index (Nom)	100

Mechanical and Housing

Bulb Finish	Frosted
-------------	---------

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
83534201	EcoClassic 70W E27 R80 25D 1CT/10 SRP	70 kWh
68435001	EcoClassic 42W E14 230V NR50 1CT/10 SRP	42 kWh
77096101	EcoClassic 42W E27 E80 55D 1CT/10 SRP	42 kWh
75721401	EcoClassic 28W E14 R39 45D 1CT/10 SRP	28 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)	Starting Time (Max)	Starting Time (Nom)
83534201	EcoClassic 70W E27 R80 25D 1CT/10 SRP	0.30 A	70.0 W	-	0.0 s
68435001	EcoClassic 42W E14 230V NR50 1CT/10 SRP	0.12 A	42 W	-	0.0 s

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)	Starting Time (Max)	Starting Time (Nom)
77096101	EcoClassic 42W E27 E80 55D 1CT/10 SRP	0.18 A	42 W	0.0 s	-
75721401	EcoClassic 28W E14 R39 45D 1CT/10 SRP	0.12 A	28.0 W	-	0.0 s

General Information

Halogen Classic Reflector

Order Code	Full Product Name	Life With 3 Hour	
		Cap-Base	Per Day Use
83534201	EcoClassic 70W E27 R80 25D 1CT/10 SRP	E27	-
68435001	EcoClassic 42W E14 230V NR50 1CT/10 SRP	E14	-

Order Code	Full Product Name	Life With 3 Hour	
		Cap-Base	Per Day Use
77096101	EcoClassic 42W E27 E80 55D 1CT/10 SRP	E27	2 a
75721401	EcoClassic 28W E14 R39 45D 1CT/10 SRP	E14	2 a

Light Technical (1/2)

Order Code	Full Product Name	Beam Angle	Beam Angle	Llmf At End Of Nominal Lifetime	Llmf At End Of Nominal Lifetime
		(Min)	(Nom)	(Min)	(Nom)
83534201	EcoClassic 70W E27 R80 25D 1CT/10 SRP	-	25 °	80 %	-
68435001	EcoClassic 42W E14 230V NR50 1CT/10 SRP	-	30 °	80 %	-

Order Code	Full Product Name	Beam Angle	Beam Angle	Llmf At End Of Nominal Lifetime	Llmf At End Of Nominal Lifetime
		(Min)	(Nom)	(Min)	(Nom)
77096101	EcoClassic 42W E27 E80 55D 1CT/10 SRP	-	55 °	-	85 %
75721401	EcoClassic 28W E14 R39 45D 1CT/10 SRP	45	45 °	-	80 %

Light Technical (2/2)

Order Code	Full Product Name	Luminous Efficacy (rated)	Luminous Flux (Nom)	Luminous Flux (Rated)	Luminous Intensity (Max)	Rated Beam Angle
		(Nom)	(Nom)	(Nom)	(Max)	(Max)
83534201	EcoClassic 70W E27 R80 25D 1CT/10 SRP	-	-	485 lm	1440 cd	25 °
68435001	EcoClassic 42W E14 230V NR50 1CT/10 SRP	-	-	250 lm	780 cd	30 °
77096101	EcoClassic 42W E27 E80	6.3 lm/W	265 lm	265 lm	307 cd	55 °

Order Code	Full Product Name	Luminous Efficacy (rated)	Luminous Flux (Nom)	Luminous Flux (Rated)	Luminous Intensity (Max)	Rated Beam Angle
		(Nom)	(Nom)	(Nom)	(Max)	(Max)
	55D 1CT/10 SRP					
75721401	EcoClassic 28W E14 R39 45D 1CT/10 SRP	5.35 lm/W	150 lm	150 lm	200 cd	45 °

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
83534201	EcoClassic 70W E27 R80 25D 1CT/10 SRP	R80
68435001	EcoClassic 42W E14 230V NR50 1CT/10 SRP	NR50

Order Code	Full Product Name	Bulb Shape
77096101	EcoClassic 42W E27 E80 55D 1CT/10 SRP	E80
75721401	EcoClassic 28W E14 R39 45D 1CT/10 SRP	R39

