



Halogen reflector

13824 360W GY5.3 82V 1CT

Philips' halogen reflector lamps offer the ideal no-fuss solution for a wide variety of medical, projection and scientific illumination systems. Their proven reliability makes them ideal for retrofit installations. The burners are precisely aligned for optimal light performance. Dichroic reflectors ensure heat dissipation towards the back of the optical system, which helps the optical system remain within temperature limits. A special blue-filter version blocking out unwanted light above 700 nm is available for dental curing applications. In addition, you get all the proven advantages of halogen technology such as a CRI of 100 – the same as natural sunlight for the best possible color rendering. Halogen lamps also create a comfortable warm white light, and they maintain their high lumen output with almost no lumen reduction throughout their lifetime.

Product data

• General Characteristics

Philips Code	13824
ANSI Code	ENX
LIF Code	-
Cap-Base	GY5.3
Bulb	R50
Bulb Material	Quartz-UV Open
Reflector Finish	Facetted
Operating Position	s90
Main Application	Projection
Life to 50% failures	70 hr

• Electrical Characteristics

Lamp Wattage	360 W
Voltage	82 V

• Light Technical Characteristics

Color Rendering Index	100 Ra8
Color Temperature Technical	3300 K

• Product Dimensions

Overall Length C	44.45 (max) mm
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Diameter D	50.67 (max) mm
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• Luminaire Design Requirements

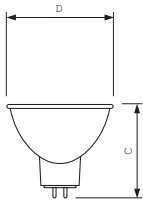
Pinch Temperature	400 (max) C
Bulb Temperature	900 (max) C
Working Distance WD	300 mm

• Product Data

Order code	924005828894
Full product code	924005828894
Full product name	13824 360W GY5.3 82V 1CT
Order product name	13824 360W GY5.3 82V 1CT/24
Pieces per pack	1
Packing configuration	24
Packs per outerbox	24
Bar code on pack - EAN1	8711500410641
Bar code on outerbox - EAN3	8711500419071
Logistic code(s) - 12NC	924005828894
Net weight per piece	26.000 gr

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Dimensional drawing



GX5.3, GY5.3, GZ6.35

Product	C (Max)	D (Max)	L (Min)	L (Norm)	L (Max)
13824 360W GY5.3 82V	44.45	50.67	-	-	-



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data subject to change