



# ALR 37/56 mm

GBF 20W 12V R37 32D FR 1CT

Delivers high lumen output and excellent color rendering for precise accent and display lighting. Philips Halogen Aluminum Reflector Lamps provide continuous color and high luminous intensity for precise accent and display lighting. These lamps offer a rated average life ranging from 2000 hours and feature excellent beam qualities for accent or ambient lighting.

## Product data

### • General Characteristics

Philips Code	6435/FR
ANSI Code Halogen	GBF
Base	Double Contact Bayonet
Base Information	19
Bulb	R37 [R 37mm]
Bulb Finish	Frosted
Operating Position	Universal [Any or Universal (U)]
RatedAvgLife(See Family Notes)	2000 hr
Nominal Lifetime	2000 hr
Rated Lifetime (hours)	2000 hr
Rated Lifetime (years)	2 an

### • Light Technical Characteristics

Beam Angle	32 D
Beam Angle Technical	32 D
Approx. MBCP	350 (max) cd
Color Rendering Index	100 Ra8
Color Temperature	3000 K
Color Temperature technical	3000 K
Rated Luminous Flux	185 Lm
LLMF - end nominal lifetime	80 (min) %
Rated Beam Angle	32 D
Luminous flux in 90° cone	185 Lm

### • Electrical Characteristics

Rated Wattage	20.0 W
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Energy Used	20 W
Lamp Wattage Technical	20.0 W
Power Factor	1 -
Voltage	12 V
Lamp Current	1.67 A
Dimmable	Yes
Starting Time	0.0 s
Warm-up Time to 60% Light Outp	instant full light

### • Environmental Characteristics

Energy Efficiency Label (EEL)	C
Energy consumption kWh/1000h	21 kWh

### • Measuring Conditions

Switching cycle	8000X
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### • Luminaire Design Requirements

Cap-Base Temperature	350 (max) C
Bulb Temperature	450 (max) C

### • Product Dimensions

Overall Length C	41 (max) mm
Diameter D	38 (max) mm

### • Product Data

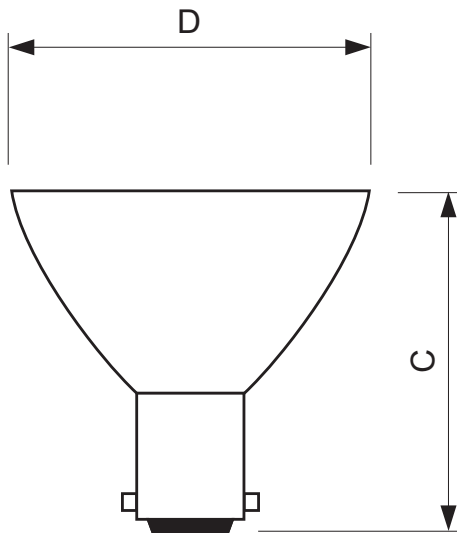
Order code	924001517119
Full product code	924001517119

**PHILIPS**

Full product name GBF 20W BA15d 12V R37 32D FR 1CT  
 Order product name GBF 20W BA15d 12V R37 32D FR 1CT/10X5F  
 Pieces per pack 1  
 Packing configuration 10X5F  
 Packs per outerbox 50  
 Bar code on pack - EAN1 46677340032

Bar code on intermediate packing - EAN2 30046677340033  
 Bar code on outerbox - EAN3 50046677340037  
 Logistic code(s) - 12NC 924001517119  
 ILCOS code HMGI/F-20-12-B15d-37/32  
 Net weight per piece 19.000 gr

Dimensional drawing



GBF 20W 12V R37 32D FR 1CT

Product	C (Max)	D (Max)
Alu 37mm 6435/FR 20W BA15d 12V 32D FR	41	38



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 data subject to change