Halco
LIGHTING TECHNOLOGIES ®

LED Lamps

Decorative LED Filament Globe Lamps

- 25W, 40W, 60W and 100W Incandescent Equivalents

- Classic Globe Glass Shapes

- High Color Quality with 90+ CRI

- Title 20 Compliant

- Select Models Meet Title 24 Requirements

Specifications

Description

Halco's Decorative LED Filament Globe Series combines classic round form with modern LED efficiency for bold, decorative lighting. Available in G16.5 and G25 sizes with clear, frosted, or silver bowl finishes, these lamps deliver up to 100W incandescent equivalency with a vibrant 90+ CRI. Offered in warm and daylight color temperatures, they bring elegant, dimmable illumination to pendants, vanities, and open fixtures. A stylish choice for residential, hospitality, and retail spaces where visual impact matters.

Performance

- Color temperature options: 2700K, 3000K, 5000K
- Up to 100 lumens per watt
- 250 to 810 lumen options
- CRI 90+
- L70 Lumen maintenance > 15,000 hours
- Triac dimmable
- 120V
- -20°C to 40°C operating temperature
- 2 year limited warranty

Applications

- Pendant and Vanity Lighting
- Hospitality and Restaurant Lighitng
- Residential Decorative Lighting
- Retail and Display Lighting
- Event and Specialty Lighting

Construction

- Filament style LED
- Nickel-plated aluminum base
- G16.5 Bulbs:
- Clear & Frosted glass lens options
- E12 & E26 base options
- G25 Bulbs:
- Clear, Frosted & Silver Bowl glass lens options
- E26 base

Certifications

- UL listed for wet locations
- FCC part 15 compliant
- Title 20 compliant
- Title 24 compliant options

DATE: **LOCATION:**

TYPE: **PROJECT:**

CATALOG #:

Decorative LED Filament Globe Lamps

Ordering Logic

Wattage / Shape	-	Finish	-	Technology / Generation	-	CRI / CCT	-	Base	-	Dimming	-	Standard	-	Option
3G16.5 = 3W, G16.5 Bulb **4G16.5** = 4W, G16.5 Bulb **6G16.5** = 6W, G16.5 Bulb **5G25** = 5W, G25 Bulb **9G25** = 9W, G25 Bulb		**CL** = Clear **FR** = Frosted		**FLED4** = Fillament LED Generation 4		**927** = 90 CRI, 2700K **930** = 90 CRI, 3000K **950** = 90 CRI, 5000K		**E12** = E12 Base **E26** = E26 Base		**D** = Dimmable		**T24** = Title 24		**SB** = Silver Bowl

Ordering Information

Product SKU	Product Code	Product Description	Equiv Watts	Replaces
82642	3G16.5-CL-FLED4-927-E12-D	G16.5 lamp with E12 base, 2700K and 250 lumens, Clear, Dimmable	25W	85070
82643	3G16.5-CL-FLED4-930-E12-D	G16.5 lamp with E12 base, 3000K and 250 lumens, Clear, Dimmable	25W	85086
82644	3G16.5-CL-FLED4-950-E12-D	G16.5 lamp with E12 base, 5000K and 250 lumens, Clear, Dimmable	25W	
82645	3G16.5-FR-FLED4-927-E12-D	G16.5 lamp with E12 base, 2700K and 250 lumens, Frosted, Dimmable	25W	
82646	3G16.5-FR-FLED4-930-E12-D	G16.5 lamp with E12 base, 3000K and 250 lumens, Frosted, Dimmable	25W	
82647	3G16.5-FR-FLED4-950-E12-D	G16.5 lamp with E12 base, 5000K and 250 lumens, Frosted, Dimmable	25W	
82648	4G16.5-CL-FLED4-927-E12-D-T24	G16.5 lamp with E12 base, 2700K and 350 lumens, Clear, Dimmable, T24 Compliant	40W	85071
82649	4G16.5-CL-FLED4-930-E12-D-T24	G16.5 lamp with E12 base, 3000K and 350 lumens, Clear, Dimmable, T24 Compliant	40W	85087
82650	4G16.5-CL-FLED4-950-E12-D-T24	G16.5 lamp with E12 base, 5000K and 350 lumens, Clear, Dimmable, T24 Compliant	40W	
82651	4G16.5-FR-FLED4-927-E12-D-T24	G16.5 lamp with E12 base, 2700K and 350 lumens, Frosted, Dimmable, T24 Compliant	40W	
82652	4G16.5-FR-FLED4-930-E12-D-T24	G16.5 lamp with E12 base, 3000K and 350 lumens, Frosted, Dimmable, T24 Compliant	40W	
82653	4G16.5-FR-FLED4-950-E12-D-T24	G16.5 lamp with E12 base, 5000K and 350 lumens, Frosted, Dimmable, T24 Compliant	40W	
82654	6G16.5-CL-FLED4-927-E12-D-T24	G16.5 lamp with E12 base, 2700K and 500 lumens, Clear, Dimmable, T24 Compliant	60W	
82655	6G16.5-CL-FLED4-930-E12-D-T24	G16.5 lamp with E12 base, 3000K and 500 lumens, Clear, Dimmable, T24 Compliant	60W	
82656	6G16.5-CL-FLED4-950-E12-D-T24	G16.5 lamp with E12 base, 5000K and 500 lumens, Clear, Dimmable, T24 Compliant	60W	
82657	6G16.5-FR-FLED4-927-E12-D-T24	G16.5 lamp with E12 base, 2700K and 500 lumens, Frosted, Dimmable, T24 Compliant	60W	
82658	6G16.5-FR-FLED4-930-E12-D-T24	G16.5 lamp with E12 base, 3000K and 500 lumens, Frosted, Dimmable, T24 Compliant	60W	
82659	6G16.5-FR-FLED4-950-E12-D-T24	G16.5 lamp with E12 base, 5000K and 500 lumens, Frosted, Dimmable, T24 Compliant	60W	

Decorative LED Filament Globe Lamps

Ordering Information continued

Product SKU	Product Code	Product Description	Equiv Watts	Replaces
82660	3G16.5-CL-FLED4-927-E26-D	G16.5 lamp with E26 base, 2700K and 250 lumens, Clear, Dimmable	25W	
82661	3G16.5-CL-FLED4-930-E26-D	G16.5 lamp with E26 base, 3000K and 250 lumens, Clear, Dimmable	25W	
82662	3G16.5-CL-FLED4-950-E26-D	G16.5 lamp with E26 base, 5000K and 250 lumens, Clear, Dimmable	25W	
82663	4G16.5-FR-FLED4-927-E26-D-T24	G16.5 lamp with E26 base, 2700K and 350 lumens, Frosted, Dimmable, T24 Compliant	40W	
82664	4G16.5-FR-FLED4-930-E26-D-T24	G16.5 lamp with E26 base, 3000K and 350 lumens, Frosted, Dimmable, T24 Complaint	40W	
82665	4G16.5-FR-FLED4-950-E26-D-T24	G16.5 lamp with E26 base, 5000K and 350 lumens, Frosted, Dimmable, T24 Compliant	40W	
82666	6G16.5-CL-FLED4-927-E26-D-T24	G16.5 lamp with E26 base, 2700K and 500 lumens, Clear, Dimmable, T24 Compliant	60W	
82667	6G16.5-CL-FLED4-930-E26-D-T24	G16.5 lamp with E26 base, 3000K and 500 lumens, Clear, Dimmable, T24 Compliant	60W	
82668	6G16.5-CL-FLED4-950-E26-D-T24	G16.5 lamp with E26 base, 5000K and 500 lumens, Clear, Dimmable, T24 Compliant	60W	
82669	5G25-CL-FLED4-927-E26-D	G25 lamp with E26 base, 2700K and 500 lumens, Clear, Dimmable	60W	85047
82670	5G25-CL-FLED4-930-E26-D	G25 lamp with E26 base, 3000K and 500 lumens, Clear, Dimmable	60W	85049
82671	5G25-CL-FLED4-950-E26-D	G25 lamp with E26 base, 5000K and 500 lumens, Clear, Dimmable	60W	
82672	5G25-FR-FLED4-927-E26-D	G25 lamp with E26 base, 2700K and 500 lumens, Frosted, Dimmable	60W	85048
82673	5G25-FR-FLED4-930-E26-D	G25 lamp with E26 base, 3000K and 500 lumens, Frosted, Dimmable	60W	
82674	5G25-FR-FLED4-950-E26-D	G25 lamp with E26 base, 5000K and 500 lumens, Frosted, Dimmable	60W	
82675	9G25-CL-FLED4-927-E26-D-T24	G25 lamp with E26 base, 2700K and 800 lumens, Clear, Dimmable, T24 Compliant	100W	85172; 85072
82676	9G25-CL-FLED4-930-E26-D-T24	G25 lamp with E26 base, 3000K and 800 lumens, Clear, Dimmable, T24 Compliant	100W	
82677	9G25-CL-FLED4-950-E26-D-T24	G25 lamp with E26 base, 5000K and 800 lumens, Clear, Dimmable, T24 Compliant	100W	
82678	9G25-FR-FLED4-927-E26-D-T24	G25 lamp with E26 base, 2700K and 800 lumens, Frosted, Dimmable, T24 Compliant	100W	
82679	9G25-FR-FLED4-930-E26-D-T24	G25 lamp with E26 base, 3000K and 800 lumens, Frosted, Dimmable, T24 Compliant	100W	
82680	9G25-FR-FLED4-950-E26-D-T24	G25 lamp with E26 base, 5000K and 800 lumens, Frosted, Dimmable, T24 Compliant	100W	
82712	9G25-CL-FLED4-927-E26-D-SB	G25 Silver Bowl lamp with E26 base, 2700K and 800 lumen, Clear, Dimmable	100W	

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Performance Table

Product Code	Wattage	2700K		3000K		5000K	
		Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)
3G16.5-CL-FLED4-9XX-E12-D	2.7	250	93	250	93	250	93
3G16.5-FR-FLED4-9XX-E12-D	2.7	250	93	250	93	250	93
4G16.5-CL-FLED4-9XX-E12-D-T24	3.8	350	92	350	92	350	92
4G16.5-FR-FLED4-9XX-E12-D-T24	3.8	350	92	350	92	350	92
6G16.5-CL-FLED4-9XX-E12-D-T24	5.5	500	91	500	91	500	91
6G16.5-FR-FLED4-9XX-E12-D-T24	5.5	500	91	500	91	500	91
3G16.5-CL-FLED4-9XX-E26-D	2.7	250	93	250	93	250	93
4G16.5-FR-FLED4-9XX-E26-D-T24	3.8	350	92	350	92	350	92
6G16.5-CL-FLED4-9XX-E26-D-T24	5.5	500	91	500	91	500	91
5G25-CL-FLED4-9XX-E26-D	5	500	100	500	100	500	100
5G25-FR-FLED4-9XX-E26-D	5	500	100	500	100	500	100
9G25-CL-FLED4-9XX-E26-D-T24	9	810	90	810	90	810	90
9G25-FR-FLED4-9XX-E26-D-T24	9	810	90	810	90	810	90
9G25-CL-FLED4-927-E26-D-SB	8.8	800	91				

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Decorative LED Filament Globe Lamps

Specifications Table

	3G16.5-CL-FLED4-9XX-E12-D	3G16.5-FR-FLED4-9XX-E12-D	4G16.5-CL-FLED4-9XX-E12-D-T24	4G16.5-FR-FLED4-9XX-E12-D-T24	6G16.5-CL-FLED4-9XX-E12-D-T24	6G16.5-FR-FLED4-9XX-E12-D-T24
Nominal Wattage	2.7W		3.8W		5.5W	
Delivered Lumens	250		350		500	
Efficacy (lm/W)	93 LPW		92 LPW		91 LPW	
CCT	2700K, 3000K or 5000K					
CRI	90					
L70 Lifetime (hrs)	15,000					
Voltage	120V					
Power Factor	0.7		0.9		0.9	
Dimming	Yes					
Housing Material	Glass					
Base Material	Nickel-plated aluminium					
Operating Temperature (Min)	-20ºC					
Operating Temperature (Max)	40ºC					
Listings	cULus - FCC - Title 20 - Wet Location Rated		cULus - FCC - Title 20 - Title 24 - Wet Location Rated		cULus - FCC - Title 20 - Title 24 - Wet Location Rated	
Environment	Wet Location					
Warranty (Years)	2					
Weight (lbs.)	0.035					
Frequency	60Hz					

Decorative LED Filament Globe Lamps

Specifications Table continued

	3G16.5-CL-FLED4-9XX-E26-D	4G16.5-FR-FLED4-9XX-E26-D-T24	6G16.5-CL-FLED4-9XX-E26-D-T24
Nominal Wattage	2.7W	3.8W	5.5W
Delivered Lumens	250	350	500
Efficacy (lm/W)	93 LPW	93 LPW	91 LPW
CCT	2700K, 3000K or 5000K		
CRI	90		
L70 Lifetime (hrs)	15,000		
Voltage	120V		
Power Factor	0.7	0.9	0.9
Dimming	Yes		
Housing Material	Glass		
Base Material	Nickel-plated aluminium		
Operating Temperature (Min)	-20ºC		
Operating Temperature (Max)	40ºC		
Listings	cULus - FCC - Title 20 - Wet Location Rated	cULus - FCC - Title 20 - Title 24 - Wet Location Rated	cULus - FCC - Title 20 - Title 24 - Wet Location Rated
Environment	Wet Location		
Warranty (Years)	2		
Weight (lbs.)	0.035		
Frequency	60Hz		

Decorative LED Filament Globe Lamps

Specifications Table continued

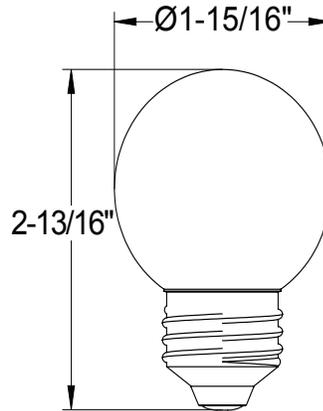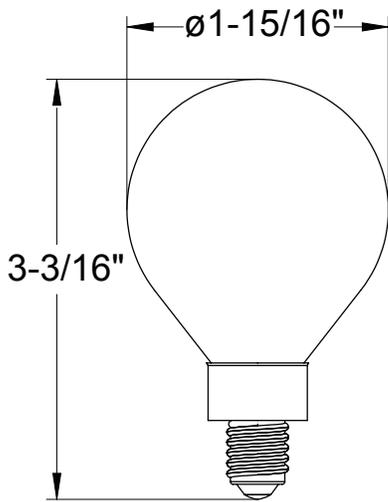|	5G25-CL-FLED4-9XX-E26-D	5G25-FR-FLED4-9XX-E26-D	9G25-CL-FLED4-9XX-E26-D-T24	9G25-FR-FLED4-9XX-E26-D-T24	9G25-CL-FLED4-927-E26-D-SB
Nominal Wattage	5W		9W		8.8W
Delivered Lumens	500		810		800
Efficacy (lm/W)	100 LPW		90 LPW		91 LPW
CCT	2700K, 3000K or 5000K		2700K, 3000K or 5000K		2700K
CRI	90				
L70 Lifetime (hrs)	15,000				
Voltage	120V				
Power Factor	0.7		0.9		0.7
Dimming	Yes				
Housing Material	Glass				
Base Material	Nickel-plated aluminium				
Operating Temperature (Min)	-20ºC				
Operating Temperature (Max)	40ºC				
Listings	cULus - FCC - Title 20 - Wet Location Rated		cULus - FCC - Title 20 - Title 24 - Wet Location Rated		cULus - FCC - Title 20 - Wet Location Rated
Environment	Wet Location				
Warranty (Years)	2				
Weight (lbs.)	0.090				
Frequency	60Hz				

LED Lamps

Decorative LED Filament Globe Lamps
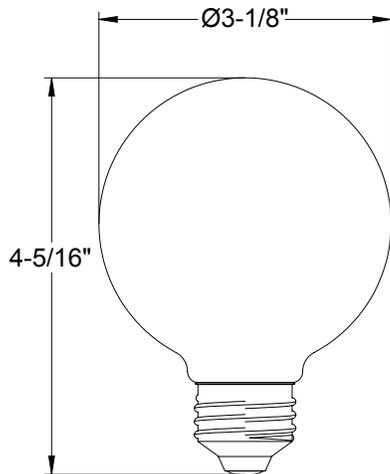
Dimensions

3G16.5-YY-FLED4-9XX-E12-D
4G16.5-YY-FLED4-9XX-E12-D-T24
6G16.5-YY-FLED4-9XX-E12-D-T24

3G16.5-CL-FLED4-9XX-E26-D
4G16.5-FR-FLED4-9XX-E26-D-T24
6G16.5-CL-FLED4-9XX-E26-D-T24

ø1-15/16"
3-3/16"

Ø1-15/16"
2-13/16"

5G25-YY-FLED4-9XX-E26-D
9G25-YY-FLED4-9XX-E26-D-T24
9G25-CL-FLED4-927-E26-D-SB

Ø3-1/8"
4-5/16"

Dimmer Compatability List

Dimmer Brand	Dimmer Model
Lutron	DVCL-153PR-WH
Lutron	MACL-153MLH-WH
Lutron	STCL-153PH-WH
Leviton	R00-RNL06-0TW
Leviton	R02-DW6HD-2RW
KasaTP-link	HS220
Commercial Electric	HPDA311CWB