



A smooth design solution for a seamless look

PAR38 LED with AirFlux Technology

Philips PAR38 Dimmable LED Lamps with AirFlux Technology provide optimal thermal efficiency in a sleek, lightweight design.

Benefits

- 19.5W PAR38 saves 100.5 watts of energy when compared to a 120W halogen PAR38**
- ENERGY STAR Qualified®
- Will not fade colors, avoids inventory spoilage
- Contains no mercury & emits virtually no UV/IR light in the beam
- 3-year or 5-year limited warranty depending upon operating hours

Features

- 45,000-hour rated average life¹
- Smooth dimming to 10% of full light levels*
- Excellent color rendering of 83 CRI
- Instant-on light



PHILIPS
sense and simplicity

Related products



18W PAR38 Medium LED, White

Dimensional drawing

18PAR38/END/F36 2700-900 DIM SM 6/1

Product	C (Norm)	D (Norm)
LED 18W 2700K 120V PAR38 White 36D	128.7	121.3
LED 18W 3000K 120V PAR38 White 36D	128.7	121.3

18PAR38/END/2700/S15 DIM 6/1

Product	C (Norm)	C1 (Max)	D (Norm)	D1 (Norm)
LED 18W E26 2700K 120V PAR38 15D DIM	128.65	5.065	121.3	4.776
LED 18W E26 3000K 120V PAR38 15D DIM	128.65	5.065	121.3	4.776
LED 18W E26 4000K 120V PAR38 15D DIM	128.65	5.065	121.3	4.776
LED 18W E26 4000K 120V PAR38 25D DIM	128.65	5.065	121.3	4.776
LED 18W E26 4000K 120V PAR38 36D DIM	128.65	5.065	121.3	4.776
LED 19.5W E26 2700K 120V PAR38 15D DIM	128.65	5.065	121.3	4.776
LED 19.5W E26 2700K 120V PAR38 36D DIM	128.65	5.065	121.3	4.776
LED 19.5W E26 3000K 120V PAR38 15D DIM	128.65	5.065	121.3	4.776
LED 19.5W E26 3000K 120V PAR38 36D DIM	128.65	5.065	121.3	4.776
LED 19.5W E26 4000K 120V PAR38 15D DIM	128.65	5.065	121.3	4.776
LED 19.5W E26 4000K 120V PAR38 36D DIM	128.65	5.065	121.3	4.776

General Characteristics

Product number	Full product name	Cap-Base	Bulb	Bulb Finish	Rated Avg. Life (Hours)
420513	18PAR38/END/F25 2700-900 DIM SM 6/1	E26	PAR38	-	45000 hr
420521	18PAR38/END/F25 3000-950 DIM SM 6/1	E26	PAR38	-	45000 hr
420885	18PAR38/END/F36 2700-900 DIM SM 6/1	E26	PAR38	White	45000 hr
420893	18PAR38/END/F36 3000-950 DIM SM 6/1	E26	PAR38	White	45000 hr
425405	18PAR38/END/2700/S15 DIM 6/1	E26	PAR38	-	45000 hr
425413	18PAR38/END/3000/S15 DIM 6/1	E26	PAR38	-	45000 hr
425421	18PAR38/END/4000/S15 DIM 6/1	E26	PAR38	-	45000 hr
425439	18PAR38/END/4000/F25 DIM 6/1	E26	PAR38	-	45000 hr

Product number	Full product name	Cap-Base	Bulb	Bulb Finish	Rated Avg. Life (Hours)
425447	18PAR38/END/4000/F36 DIM 6/1	E26	PAR38	-	45000 hr
425454	19.5PAR38/END/2700/S15 DIM 6/1	E26	PAR38	-	45000 hr
425462	19.5PAR38/END/2700/F36 DIM 6/1	E26	PAR38	-	45000 hr
425470	19.5PAR38/END/3000/S15 DIM 6/1	E26	PAR38	-	45000 hr
425488	19.5PAR38/END/3000/F36 DIM 6/1	E26	PAR38	-	45000 hr
425496	19.5PAR38/END/4000/S15 DIM 6/1	E26	PAR38	-	45000 hr
425504	19.5PAR38/END/4000/F36 DIM 6/1	E26	PAR38	-	45000 hr

Installation diagrams

E26

Light Technical Characteristics

Product number	Full product name	Color Code	Beam Angle	Beam Description	Approximate Lumens	Approx. MBCP	CRI	Color Temp. (Kelvin)	Rated Luminous Flux
420513	18PAR38/END/F25 2700-900 DIM SM 6/1	WW	25 D	25D	900 Lm	3800 cd	80	2700 K	-
420521	18PAR38/END/F25 3000-950 DIM SM 6/1	WH	25 D	25D	950 Lm	4100 cd	80	3000 K	-
420885	18PAR38/END/F36 2700-900 DIM SM 6/1	WW	36 D	-	900 Lm	2050 cd	80	2700 K	-
420893	18PAR38/END/F36 3000-950 DIM SM 6/1	WH	36 D	-	950 Lm	2200 cd	80	3000 K	-
425405	18PAR38/END/2700/S15 DIM 6/1	WW	15 D	-	-	7300 cd	80	2700 K	900 Lm
425413	18PAR38/END/3000/S15 DIM 6/1	WH	15 D	-	-	7700 cd	80	3000 K	950 Lm

Product number	Full product name	Color Code	Beam Angle	Beam Description	Approximate Lumens	Approx. MBCP	CRI	Color Temp. (Kelvin)	Rated Luminous Flux
425421	18PAR38/END/4000/S15 DIM 6/1	CW	15 D	-	-	7700 cd	80	4000 K	950 Lm
425439	18PAR38/END/4000/F25 DIM 6/1	CW	25 D	25D	-	4100 cd	80	4000 K	950 Lm
425447	18PAR38/END/4000/F36 DIM 6/1	CW	36 D	36D	-	2200 cd	80	4000 K	950 Lm
425454	19.5PAR38/END/2700/S15 DIM 6/1	WW	15 D	-	-	9100 cd	80	2700 K	1100 Lm
425462	19.5PAR38/END/2700/F36 DIM 6/1	WW	36 D	36D	-	2310 cd	80	2700 K	1100 Lm
425470	19.5PAR38/END/3000/S15 DIM 6/1	WH	15 D	-	-	10000 cd	80	3000 K	1200 Lm
425488	19.5PAR38/END/3000/F36 DIM 6/1	WH	36 D	36D	-	2520 cd	80	3000 K	1200 Lm
425496	19.5PAR38/END/4000/S15 DIM 6/1	CW	15 D	-	-	10000 cd	80	4000 K	1200 Lm
425504	19.5PAR38/END/4000/F36 DIM 6/1	CW	36 D	36D	-	2520 cd	80	4000 K	1200 Lm

Electrical Characteristics

Product number	Full product name	Wattage	Voltage	Line Frequency	Dimmable	Wattage Equivalent	Starting Time
420513	18PAR38/END/F25 2700-900 DIM SM 6/1	18 W	120 V	50-60 Hz	Yes	-	0.5 (max) s
420521	18PAR38/END/F25 3000-950 DIM SM 6/1	18 W	120 V	50-60 Hz	Yes	-	0.5 (max) s
420885	18PAR38/END/F36 2700-900 DIM SM 6/1	18 W	120 V	-	Yes	-	0.5 (max) s
420893	18PAR38/END/F36 3000-950 DIM SM 6/1	18 W	120 V	-	Yes	-	0.5 (max) s
425405	18PAR38/END/2700/S15 DIM 6/1	18 W	120 V	-	Yes	60 W	-
425413	18PAR38/END/3000/S15 DIM 6/1	18 W	120 V	-	Yes	60 W	-
425421	18PAR38/END/4000/S15 DIM 6/1	18 W	120 V	-	Yes	60 W	-
425439	18PAR38/END/4000/F25 DIM 6/1	18 W	120 V	-	Yes	90 W	-
425447	18PAR38/END/4000/F36 DIM 6/1	18 W	120 V	-	Yes	90 W	-
425454	19.5PAR38/END/2700/S15 DIM 6/1	19.5 W	120 V	-	Yes	75 W	-
425462	19.5PAR38/END/2700/F36 DIM 6/1	19.5 W	120 V	-	Yes	100 W	-
425470	19.5PAR38/END/3000/S15 DIM 6/1	19.5 W	120 V	-	Yes	75 W	-
425488	19.5PAR38/END/3000/F36 DIM 6/1	19.5 W	120 V	-	Yes	100 W	-
425496	19.5PAR38/END/4000/S15 DIM 6/1	19.5 W	120 V	-	Yes	75 W	-
425504	19.5PAR38/END/4000/F36 DIM 6/1	19.5 W	120 V	-	Yes	100 W	-

Measuring Conditions

Product number	Full product name	Switching cycle
425405	18PAR38/END/2700/S15 DIM 6/1	20000x
425413	18PAR38/END/3000/S15 DIM 6/1	20000x
425421	18PAR38/END/4000/S15 DIM 6/1	20000x
425439	18PAR38/END/4000/F25 DIM 6/1	20000x
425447	18PAR38/END/4000/F36 DIM 6/1	20000x
425454	19.5PAR38/END/2700/S15 DIM 6/1	20000x

Product number	Full product name	Switching cycle
425462	19.5PAR38/END/2700/F36 DIM 6/1	20000x
425470	19.5PAR38/END/3000/S15 DIM 6/1	20000x
425488	19.5PAR38/END/3000/F36 DIM 6/1	20000x
425496	19.5PAR38/END/4000/S15 DIM 6/1	20000x
425504	19.5PAR38/END/4000/F36 DIM 6/1	20000x

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data subject to change