



Accent your merchandise without distraction

PAR38 LED

Philips PAR38 LED Single Optic Lamps with AirFlux Technology improves shopping experience with superior lighting aesthetics and optimal thermal efficiency in a sleek, lightweight design.

Benefits

- Will not fade colors, avoids inventory spoilage
- Lowers maintenance costs by reducing re-lamp frequency
- 5-year limited warranty‡
- ‡ For details, please visit http://www.usa.lighting.philips.com/connect/tools_literature/warranties.wpd

Features

- Single Optic reduces glare to improve shopper experience
- 25,000-hour rated average life*
- 19W PAR38 saves 101W watts when compared to a 120W halogen PAR38
- 83 CRI for excellent color rendering
- Virtually UV/IR free in the beam
- Smooth dimming to 5% of full light levels†
- Contains no mercury
- † Dimmable when using leading and trailing edge dimmers. (See <http://www.philips.com/ledtechguide> for more details.)

Application

- Ideal for general and accent lighting in retail and hospitality spaces.

PAR38 LED

Versions



PAR30L



PAR38



E26 PAR38

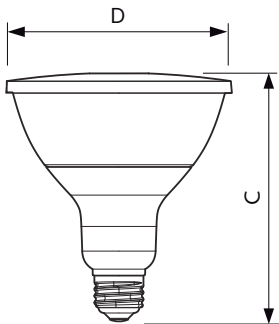


E26 PAR38



PAR38

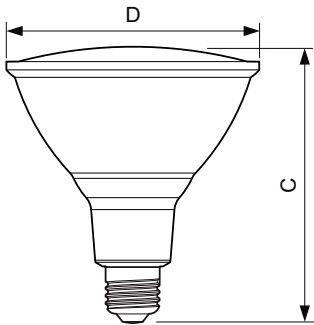
Dimensional drawing



Product	D	C
12PAR38/AMB/835/F40/GL/DIM/FB/1PK 6/1	121 mm	132 mm
12PAR38/AMB/835/F25/GL/DIM/FB/1PK 6/1	121 mm	132 mm
14PAR38/AMB/835/F25/GL/DIM/FB/1PK 6/1	121 mm	132 mm
14PAR38/AMB/835/F40/GL/DIM/FB/1PK 6/1	121 mm	132 mm
17PAR38/EXPERTCOLOR/S8/940/DIM/120V	120.7 mm	134.6 mm
17PAR38/EXPERTCOLOR/F40/940/DIM	94.8 mm	93.1 mm
17PAR38/EXPERTCOLOR/F25/940/DIM	94.8 mm	93.1 mm
17PAR38/EXPERTCOLOR/F25/927/DIM/120V	120.7 mm	134.6 mm
17PAR38/EXPERTCOLOR/S8/927/DIM/120V	120.7 mm	134.6 mm
17PAR38/EXPERTCOLOR/F25/927/DIM B	120.7 mm	134.6 mm
17PAR38/EXPERTCOLOR/F40/927/DIM	120.7 mm	134.6 mm
17PAR38/EXPERTCOLOR RETAIL/F25/930/DIM	120.7 mm	134.6 mm
17PAR38/EXPERTCOLOR RETAIL/S8/930/DIM	120.7 mm	134.6 mm
17PAR38/EXPERTCOLOR RETAIL/F25/930/DIM B	120.7 mm	134.6 mm
17PAR38/EXPERTCOLOR RETAIL/F40/930/DIM	120.7 mm	134.6 mm

PAR38 LED

Dimensional drawing



Product	D	C
13.5PAR38/AMB/F40/830/DIM ULW	125 mm	135 mm
13.5PAR38/AMB/F40/827/DIM ULW	125 mm	135 mm
13.5PAR38/AMB/F25/850/DIM ULW	125 mm	135 mm
16PAR38/AMB/F40/840/DIM ULW	125 mm	135 mm
16PAR38/AMB/F25/830/DIM ULW	125 mm	135 mm
13.5PAR38/AMB/F25/840/DIM ULW	125 mm	135 mm
13.5PAR38/AMB/F25/827/DIM ULW	125 mm	135 mm
16PAR38/AMB/F25/850/DIM ULW	125 mm	135 mm
16PAR38/AMB/F25/840/DIM ULW	125 mm	135 mm
13.5PAR38/AMB/F25/830/DIM ULW	125 mm	135 mm
16.5PAR38/AMB/F40/830/DIM ULW	125 mm	135 mm
13.5PAR38/AMB/F40/840/DIM ULW	125 mm	135 mm
16PAR38/AMB/F25/827/DIM ULW	125 mm	135 mm
16PAR38/AMB/F40/827/DIM ULW	125 mm	135 mm

Controls and Dimming	
Dimmable	Yes
Operating and Electrical	
Voltage (Nom)	120 V
Starting Time (Nom)	0.5 s
General Information	
Cap-Base	E26
Light Technical	
Lmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and Housing	
Bulb Shape	PAR38

Operating and Electrical

Order Code	Full Product Name	Input Frequency	Wattage Equivalent	Power (Rated) (Nom)
470996	17PAR38/EC RETAIL/S8/930/DIM 6/1	60 Hz	100 W	17 W
471003	17PAR38/EC RETAIL/F25/930/DIM 6/1	60 Hz	120 W	17 W
471011	17PAR38/EC RETAIL/F40/930/DIM 6/1	60 Hz	120 W	17 W
470823	17PAR38/EC/S8/927/DIM/120V 10/1	60 Hz	100 W	17 W
470831	17PAR38/EC/F25/927/DIM/120V 6/1	60 Hz	120 W	17 W
470849	17PAR38/EC/F40/927/DIM/120V 6/1	60 Hz	120 W	17 W

Order Code	Full Product Name	Input Frequency	Wattage Equivalent	Power (Rated) (Nom)
471797	17PAR38/EXPERTCOLOR/S8/940/DIM/120V 6/1	60 Hz	100 W	17 W
471029	17PAR38/EC RETAIL/F25/930/DIM 6/1	60 Hz	120 W	17 W
470864	17PAR38/EC/F25/927/DIM/120V B 6/1	60 Hz	120 W	17 W
467696	16PAR38/AMB/F25/827/DIM ULW	50 to 60 Hz	120 W	16 W
467704	16PAR38/AMB/F25/830/DIM ULW	50 to 60 Hz	120 W	16 W
467712	16PAR38/AMB/F25/840/DIM ULW	50 to 60 Hz	120 W	16 W

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Order Code	Full Product Name	Input Frequency	Wattage Equivalent	Power (Rated) (Nom)
468181	16PAR38/AMB/F25/850/DIM ULW	50 to 60 Hz	120 W	16 W
467720	16PAR38/AMB/F40/827/DIM ULW	50 to 60 Hz	120 W	16 W
467738	16PAR38/AMB/F40/830/DIM ULW	50 to 60 Hz	120 W	16 W
467746	16PAR38/AMB/F40/840/DIM ULW	50 to 60 Hz	120 W	16 W
467753	13.5PAR38/AMB/F25/827/DIM ULW	50 to 60 Hz	90 W	13.5 W
467761	13.5PAR38/AMB/F25/830/DIM ULW	50 to 60 Hz	90 W	13.5 W
467779	13.5PAR38/AMB/F25/840/DIM ULW	50 to 60 Hz	90 W	13.5 W
468199	13.5PAR38/AMB/F25/850/DIM ULW	50 to 60 Hz	90 W	13.5 W
467787	13.5PAR38/AMB/F40/827/DIM ULW	50 to 60 Hz	90 W	13.5 W

Order Code	Full Product Name	Input Frequency	Wattage Equivalent	Power (Rated) (Nom)
467795	13.5PAR38/AMB/F40/830/DIM ULW	50 to 60 Hz	90 W	13.5 W
467803	13.5PAR38/AMB/F40/840/DIM ULW	50 to 60 Hz	90 W	13.5 W
474676	14PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	50 to 60 Hz	120 W	14 W
474684	14PAR38/LED/835/F40/GL/DIM FB 1PK 6/1	50 to 60 Hz	120 W	14 W
474692	12PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	50 to 60 Hz	90 W	12 W
474700	12PAR38/LED/835/F40/GL/DIM FB 1PK 6/1	50 to 60 Hz	90 W	12 W
470872	17PAR38/EC/F25/940/DIM/120V 6/1	60 Hz	120 W	17 W
470880	17PAR38/EC/F40/940/DIM/120V 6/1	60 Hz	120 W	17 W

General Information

Order Code	Full Product Name	Nominal Lifetime (Nom)	Rated Lifetime (Hours)	Switching Cycle
470996	17PAR38/EC RETAIL/S8/930/DIM 6/1	25000 h	25000 h	50000X
471003	17PAR38/EC RETAIL/F25/930/DIM 6/1	25000 h	25000 h	50000X
471011	17PAR38/EC RETAIL/F40/930/DIM 6/1	25000 h	25000 h	50000X
470823	17PAR38/EC/S8/927/DIM/120V 10/1	40000 h	40000 h	50000X
470831	17PAR38/EC/F25/927/DIM/120V 6/1	40000 h	40000 h	50000X
470849	17PAR38/EC/F40/927/DIM/120V 6/1	40000 h	40000 h	50000X
471797	17PAR38/EXPERTCOLOR/S8/940/DIM/120V 6/1	40000 h	40000 h	50000X
471029	17PAR38/EC RETAIL/F25/930/DIM 6/1	25000 h	25000 h	50000X
470864	17PAR38/EC/F25/927/DIM/120V B 6/1	40000 h	40000 h	50000X
467696	16PAR38/AMB/F25/827/DIM ULW	25000 h	25000 h	50000X
467704	16PAR38/AMB/F25/830/DIM ULW	25000 h	25000 h	50000X
467712	16PAR38/AMB/F25/840/DIM ULW	25000 h	25000 h	50000X
468181	16PAR38/AMB/F25/850/DIM ULW	25000 h	25000 h	50000X
467720	16PAR38/AMB/F40/827/DIM ULW	25000 h	25000 h	50000X
467738	16PAR38/AMB/F40/830/DIM ULW	25000 h	25000 h	50000X
467746	16PAR38/AMB/F40/840/DIM ULW	25000 h	25000 h	50000X
467753	13.5PAR38/AMB/F25/827/DIM ULW	25000 h	25000 h	50000X

Order Code	Full Product Name	Nominal Lifetime (Nom)	Rated Lifetime (Hours)	Switching Cycle
467761	13.5PAR38/AMB/F25/830/DIM ULW	25000 h	25000 h	50000X
467779	13.5PAR38/AMB/F25/840/DIM ULW	25000 h	25000 h	50000X
468199	13.5PAR38/AMB/F25/850/DIM ULW	25000 h	25000 h	50000X
467787	13.5PAR38/AMB/F40/827/DIM ULW	25000 h	25000 h	50000X
467795	13.5PAR38/AMB/F40/830/DIM ULW	25000 h	25000 h	50000X
467803	13.5PAR38/AMB/F40/840/DIM ULW	25000 h	25000 h	50000X
474676	14PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	25000 h	25000 h	25000X
474684	14PAR38/LED/835/F40/GL/DIM FB 1PK 6/1	25000 h	25000 h	25000X
474692	12PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	25000 h	25000 h	25000X
474700	12PAR38/LED/835/F40/GL/DIM FB 1PK 6/1	25000 h	25000 h	25000X
470872	17PAR38/EC/F25/940/DIM/120V 6/1	40000 h	40000 h	50000X
470880	17PAR38/EC/F40/940/DIM/120V 6/1	40000 h	40000 h	50000X

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Light Technical (1/2)

Order Code	Full Product Name	Beam Angle (Nom)	Color Code	Correlated Color Temperature (Nom)	Color			
					Rendering Index (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)	Luminous Intensity (Nom)
470996	17PAR38/EC RETAIL/S8/930/DIM 6/1	8 °	930	3000 K	90	1200 lm	1200 lm	22000 cd
471003	17PAR38/EC RETAIL/F25/930/DIM 6/1	25 °	930	3000 K	90	1200 lm	1200 lm	6000 cd
471011	17PAR38/EC RETAIL/F40/930/DIM 6/1	40 °	930	3000 K	90	1200 lm	1200 lm	2700 cd
470823	17PAR38/EC/S8/927/DIM/120V 10/1	8 °	927	2700 K	95	1150 lm	1150 lm	21000 cd
470831	17PAR38/EC/F25/927/DIM/120V 6/1	25 °	927	2700 K	95	1150 lm	1150 lm	5800 cd
470849	17PAR38/EC/F40/927/DIM/120V 6/1	40 °	927	2700 K	95	1150 lm	1150 lm	2600 cd
471797	17PAR38/EXPERTCOLOR/S8/940/DIM/120V 6/1	8 °	940	4000 K	95	1300 lm	1300 lm	25000 cd
471029	17PAR38/EC RETAIL/F25/930/DIM 6/1	25 °	930	3000 K	90	1200 lm	1200 lm	6000 cd
470864	17PAR38/EC/F25/927/DIM/120V B 6/1	25 °	927	2700 K	95	1150 lm	1150 lm	5800 cd
467696	16PAR38/AMB/F25/827/DIM ULW	25 °	827	2700 K	80	1200 lm	1200 lm	6000 cd
467704	16PAR38/AMB/F25/830/DIM ULW	25 °	830	3000 K	80	1200 lm	1200 lm	6000 cd
467712	16PAR38/AMB/F25/840/DIM ULW	25 °	841	4000 K	80	1200 lm	1200 lm	6000 cd
468181	16PAR38/AMB/F25/850/DIM ULW	25 °	850	5000 K	80	1200 lm	1200 lm	6000 cd
467720	16PAR38/AMB/F40/827/DIM ULW	40 °	827	2700 K	80	1200 lm	1200 lm	2500 cd
467738	16PAR38/AMB/F40/830/DIM ULW	40 °	830	3000 K	80	1200 lm	1200 lm	2500 cd
467746	16PAR38/AMB/F40/840/DIM ULW	40 °	841	4000 K	80	1200 lm	1200 lm	2500 cd
467753	13.5PAR38/AMB/F25/827/DIM ULW	25 °	827	2700 K	80	950 lm	950 lm	4100 cd
467761	13.5PAR38/AMB/F25/830/DIM ULW	25 °	830	3000 K	80	950 lm	950 lm	4100 cd
467779	13.5PAR38/AMB/F25/840/DIM ULW	25 °	841	4000 K	80	950 lm	950 lm	4100 cd
468199	13.5PAR38/AMB/F25/850/DIM ULW	25 °	850	5000 K	80	950 lm	950 lm	4100 cd
467787	13.5PAR38/AMB/F40/827/DIM ULW	40 °	827	2700 K	80	950 lm	950 lm	1700 cd
467795	13.5PAR38/AMB/F40/830/DIM ULW	40 °	830	3000 K	80	950 lm	950 lm	1700 cd
467803	13.5PAR38/AMB/F40/840/DIM ULW	40 °	841	4000 K	80	950 lm	950 lm	1700 cd
474676	14PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	25 °	835	3500 K	80	1200 lm	1200 lm	6000 cd
474684	14PAR38/LED/835/F40/GL/DIM FB 1PK 6/1	40 °	835	3500 K	80	1200 lm	1200 lm	2500 cd
474692	12PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	25 °	835	3500 K	80	900 lm	900 lm	4100 cd
474700	12PAR38/LED/835/F40/GL/DIM FB 1PK 6/1	40 °	835	3500 K	80	900 lm	900 lm	1900 cd
470872	17PAR38/EC/F25/940/DIM/120V 6/1	25 °	940	4000 K	95	1300 lm	1300 lm	6500 cd
470880	17PAR38/EC/F40/940/DIM/120V 6/1	40 °	940	4000 K	95	1300 lm	1300 lm	3000 cd

Light Technical (2/2)

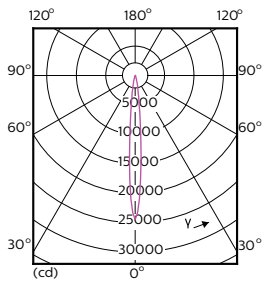
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471003	17PAR38/EC RETAIL/F25/930/DIM 6/1	25 °	467753	13.5PAR38/AMB/F25/827/DIM ULW	25 °
471011	17PAR38/EC RETAIL/F40/930/DIM 6/1	40 °	467761	13.5PAR38/AMB/F25/830/DIM ULW	25 °
470823	17PAR38/EC/S8/927/DIM/120V 10/1	8 °	467779	13.5PAR38/AMB/F25/840/DIM ULW	25 °
470831	17PAR38/EC/F25/927/DIM/120V 6/1	25 °	468199	13.5PAR38/AMB/F25/850/DIM ULW	25 °
470849	17PAR38/EC/F40/927/DIM/120V 6/1	40 °	467787	13.5PAR38/AMB/F40/827/DIM ULW	40 °
471797	17PAR38/EXPERTCOLOR/S8/940/DIM/120V 6/1	8 °	467795	13.5PAR38/AMB/F40/830/DIM ULW	40 °
471029	17PAR38/EC RETAIL/F25/930/DIM 6/1	25 °	467803	13.5PAR38/AMB/F40/840/DIM ULW	40 °
470864	17PAR38/EC/F25/927/DIM/120V B 6/1	25 °	474676	14PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	25 °
467696	16PAR38/AMB/F25/827/DIM ULW	25 °	474684	14PAR38/LED/835/F40/GL/DIM FB 1PK 6/1	40 °
467704	16PAR38/AMB/F25/830/DIM ULW	25 °	474692	12PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	25 °
467712	16PAR38/AMB/F25/840/DIM ULW	25 °	474700	12PAR38/LED/835/F40/GL/DIM FB 1PK 6/1	40 °
468181	16PAR38/AMB/F25/850/DIM ULW	25 °	470872	17PAR38/EC/F25/940/DIM/120V 6/1	25 °
467720	16PAR38/AMB/F40/827/DIM ULW	40 °	470880	17PAR38/EC/F40/940/DIM/120V 6/1	40 °
467738	16PAR38/AMB/F40/830/DIM ULW	40 °			

PAR38 LED

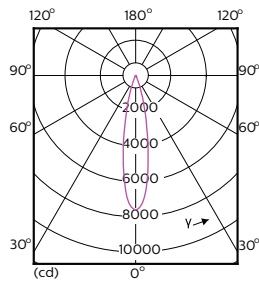
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)	Order Code	Full Product Name	T-Case Maximum (Nom)
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471003	17PAR38/EC RETAIL/F25/930/DIM 6/1	90 °C	467753	13.5PAR38/AMB/F25/827/DIM ULW	65 °C
471011	17PAR38/EC RETAIL/F40/930/DIM 6/1	90 °C	467761	13.5PAR38/AMB/F25/830/DIM ULW	65 °C
470823	17PAR38/EC/S8/927/DIM/120V 10/1	90 °C	467779	13.5PAR38/AMB/F25/840/DIM ULW	65 °C
470831	17PAR38/EC/F25/927/DIM/120V 6/1	90 °C	468199	13.5PAR38/AMB/F25/850/DIM ULW	65 °C
470849	17PAR38/EC/F40/927/DIM/120V 6/1	90 °C	467787	13.5PAR38/AMB/F40/827/DIM ULW	65 °C
471797	17PAR38/EXPERTCOLOR/S8/940/DIM/120V 6/1	90 °C	467795	13.5PAR38/AMB/F40/830/DIM ULW	65 °C
471029	17PAR38/EC RETAIL/F25/930/DIM 6/1	90 °C	467803	13.5PAR38/AMB/F40/840/DIM ULW	65 °C
470864	17PAR38/EC/F25/927/DIM/120V B 6/1	90 °C	474676	14PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	80 °C
467696	16PAR38/AMB/F25/827/DIM ULW	70 °C	474684	14PAR38/LED/835/F40/GL/DIM FB 1PK 6/1	80 °C
467704	16PAR38/AMB/F25/830/DIM ULW	70 °C	474692	12PAR38/LED/835/F25/GL/DIM FB 1PK 6/1	75 °C
467712	16PAR38/AMB/F25/840/DIM ULW	70 °C	474700	12PAR38/LED/835/F40/GL/DIM FB 1PK 6/1	75 °C
468181	16PAR38/AMB/F25/850/DIM ULW	70 °C	470872	17PAR38/EC/F25/940/DIM/120V 6/1	90 °C
467720	16PAR38/AMB/F40/827/DIM ULW	70 °C	470880	17PAR38/EC/F40/940/DIM/120V 6/1	90 °C
467738	16PAR38/AMB/F40/830/DIM ULW	70 °C			

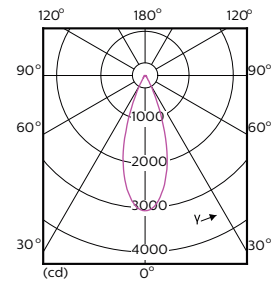
Light Distribution Diagrams



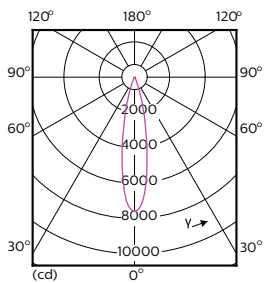
PAR38 120V 17-90W 1200lm 8D 3000K E26 D



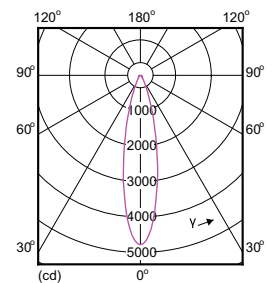
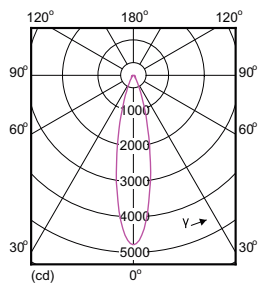
PAR38 120V 17-120W 25D 3000K E26 D WH



PAR38 120V 17-120W 40D 3000K E26 D

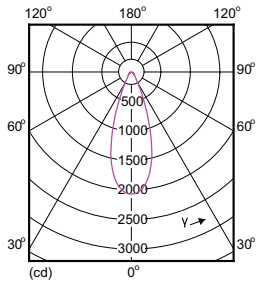


PAR38 120V 17-120W 25D 3000K E26 D BL

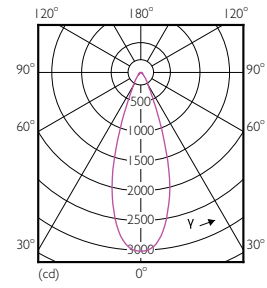


PAR38 LED

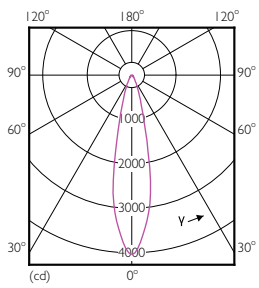
Light Distribution Diagrams



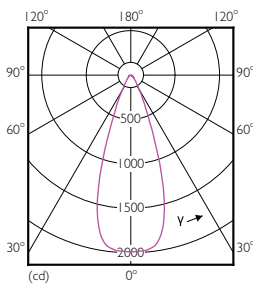
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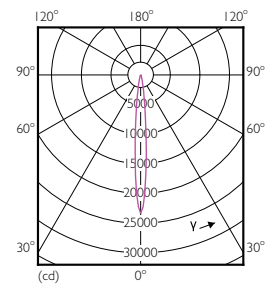
LED Classic PAR38 14W E26 835 F40



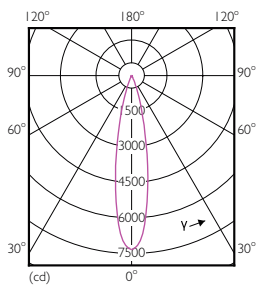
LED Classic PAR38 12W E26 835 F25



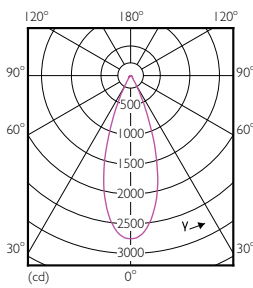
LED Classic PAR38 12W E26 835 F40



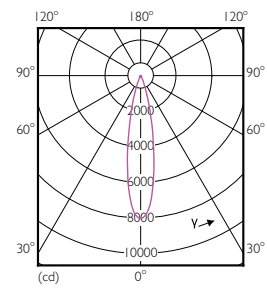
PAR38_17W_1150lm 8D 2700K_E26



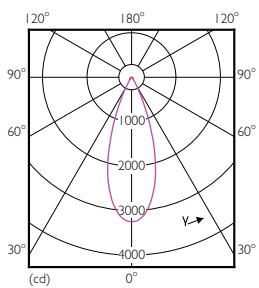
PAR38_17W_1150lm 25D 2700K_E26



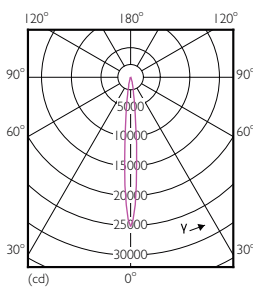
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PAR38 17W 1300lm 25D 4000K E26

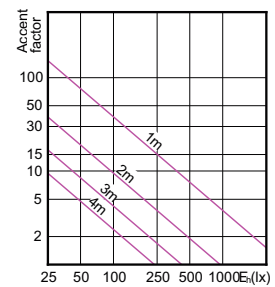
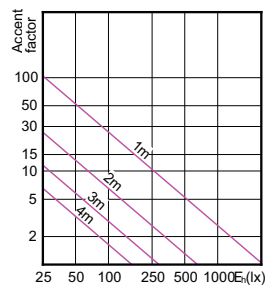
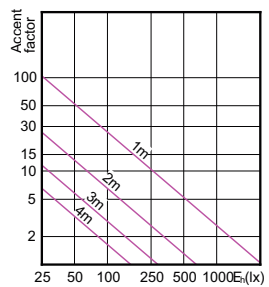
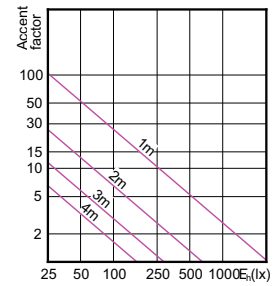
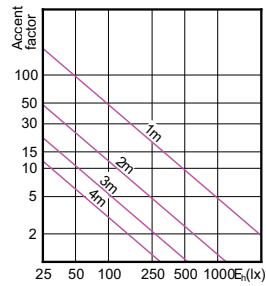
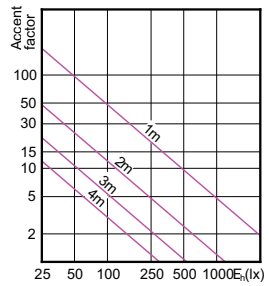
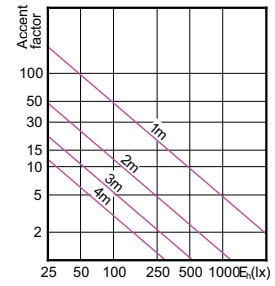
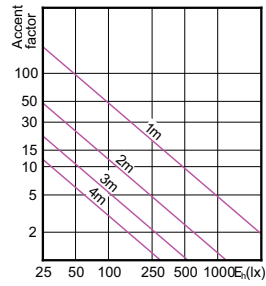
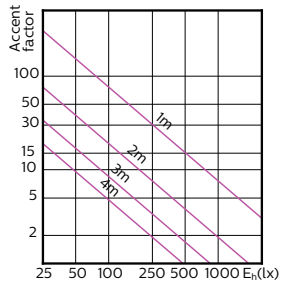
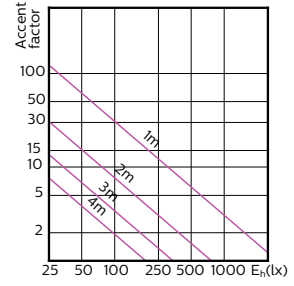
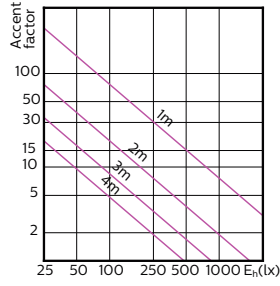
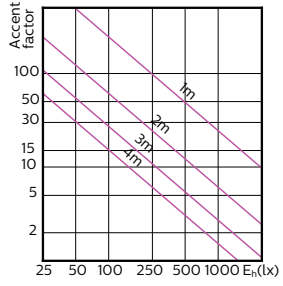


PAR38 17W 1300lm 40D 4000K E26

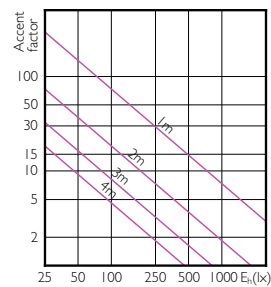
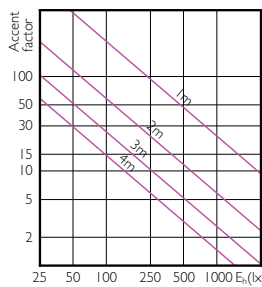
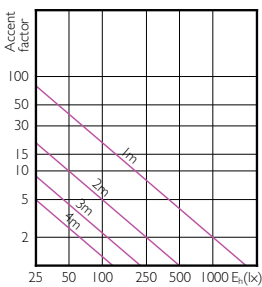
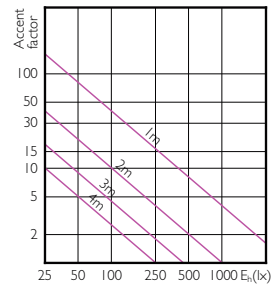
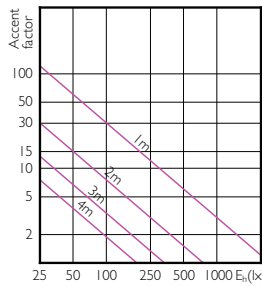
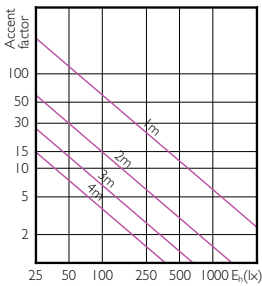
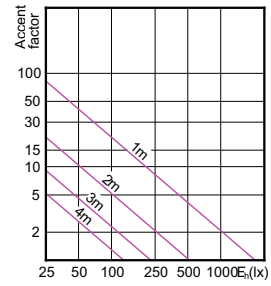
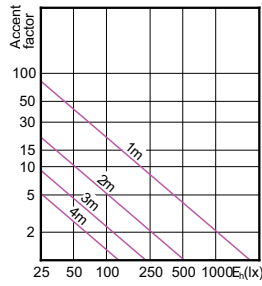
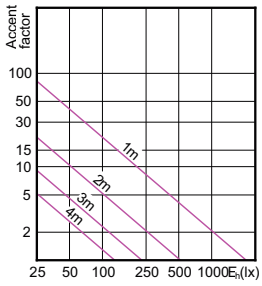
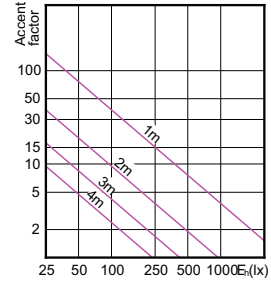
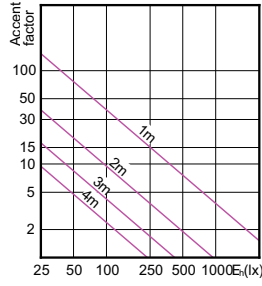
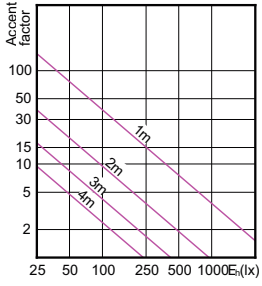


PAR38 17W 1300lm 8D 4000K E26

Accent Diagrams

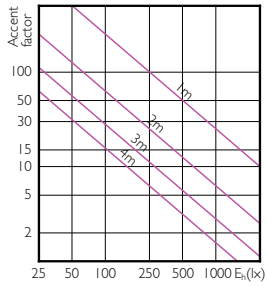
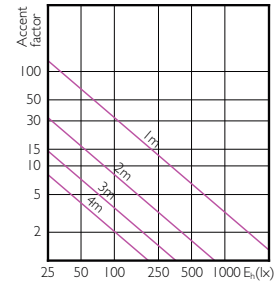
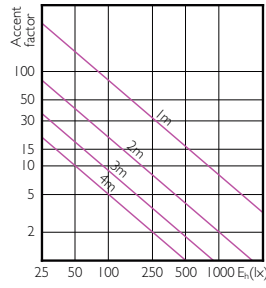
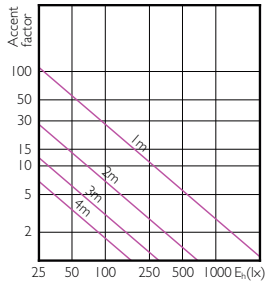


Accent Diagrams

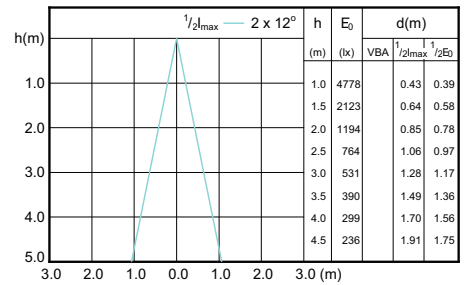
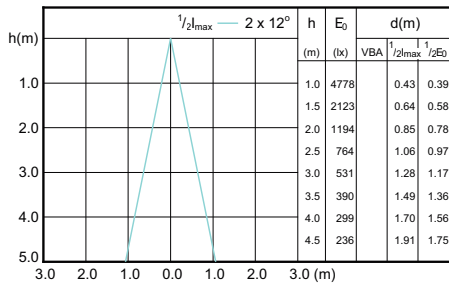
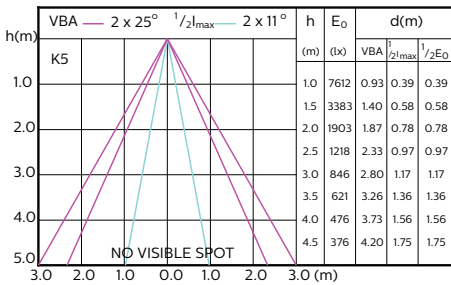
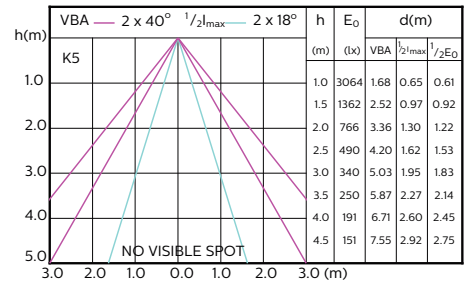
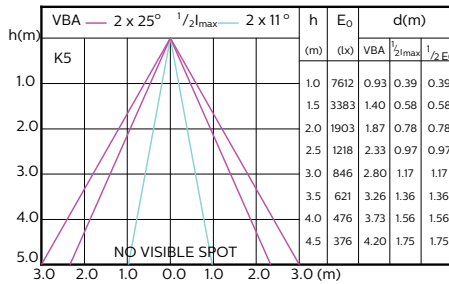
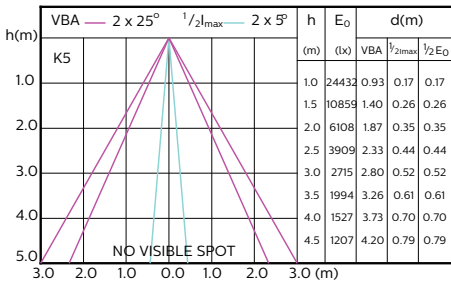


PAR38 LED

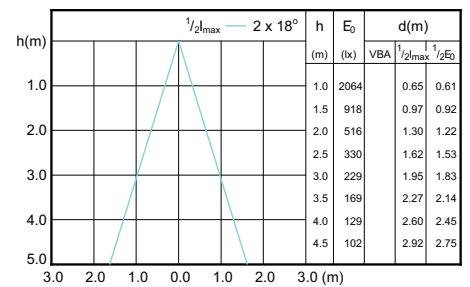
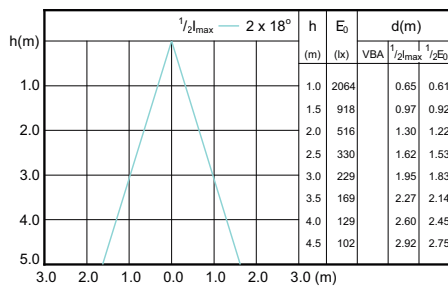
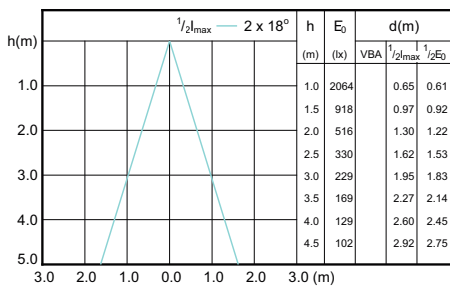
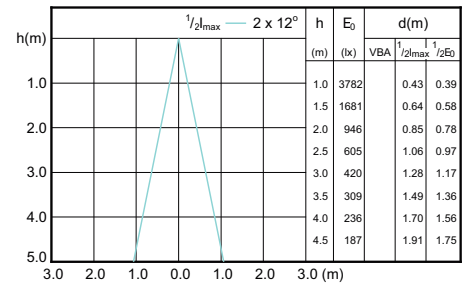
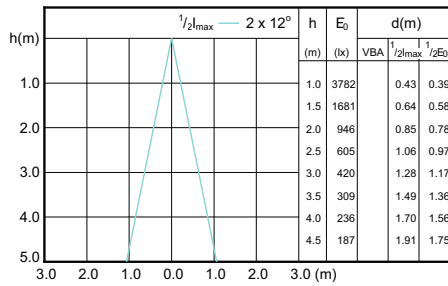
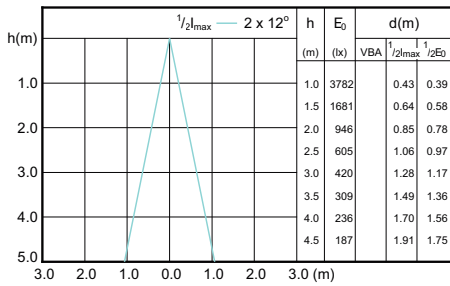
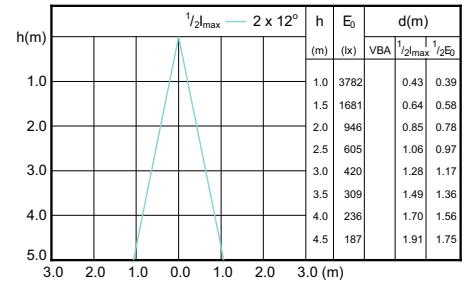
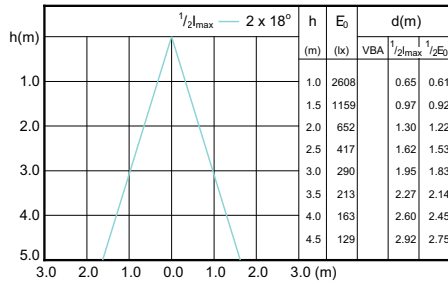
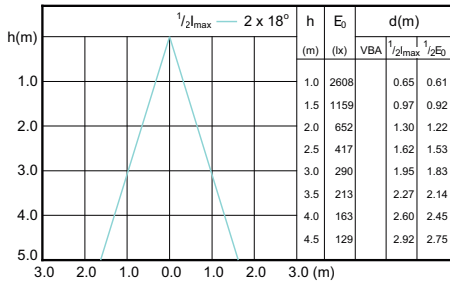
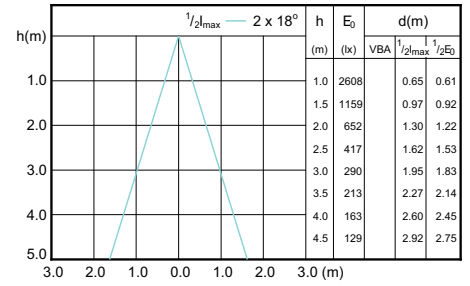
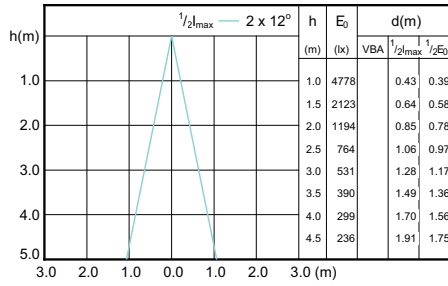
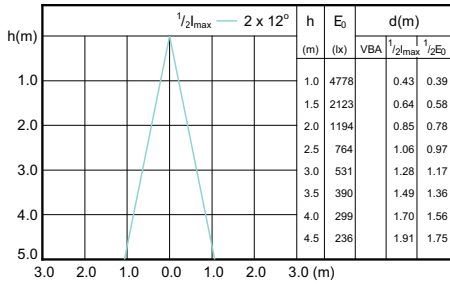
Accent Diagrams



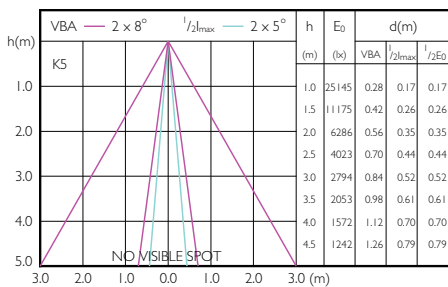
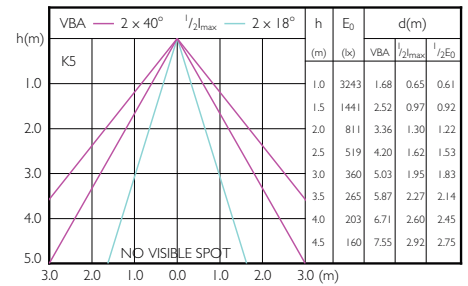
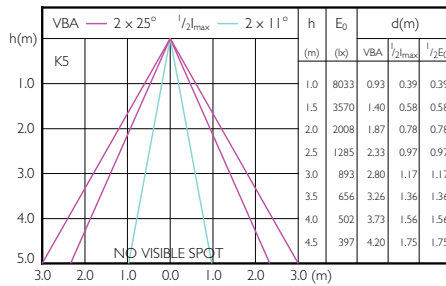
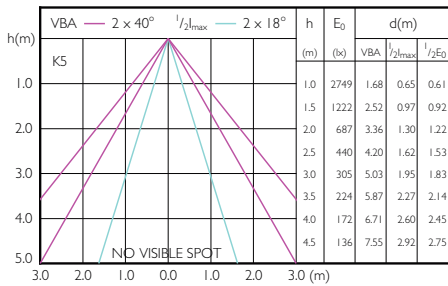
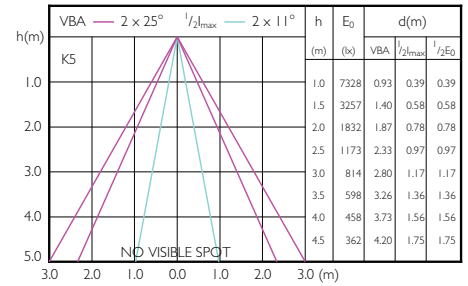
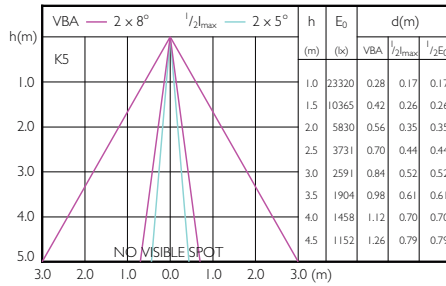
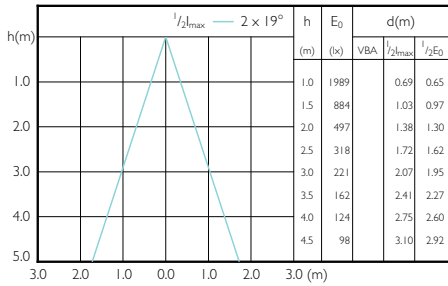
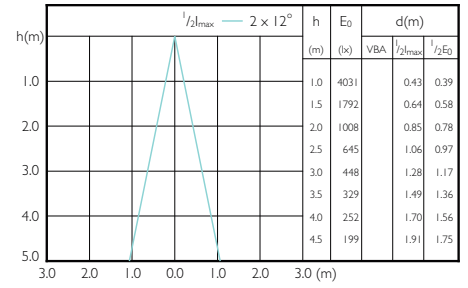
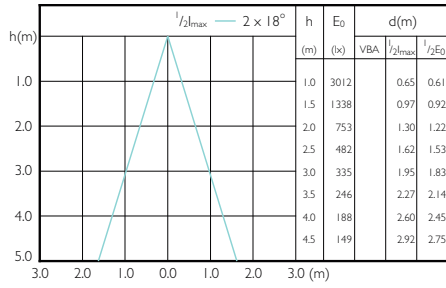
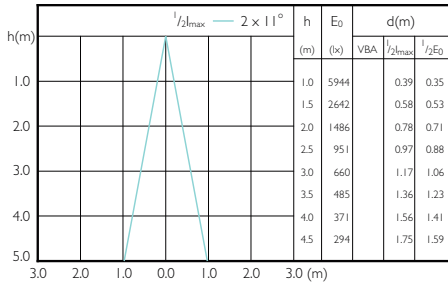
Beam Diagrams



Beam Diagrams



Beam Diagrams



PAR38 LED

