



Brighter, high performance lighting with contemporary aesthetic design

TrueForce High Lumen PAR

Philips LED TrueForce PAR high lumen lamps are the perfect transition from CDM lamps to LED.

Benefits

- Long life lowers maintenance costs by reducing re-lamp frequency
- Highest lumen output in the market, meeting UL/cUL requirements
- Optimized reliability & over-heat protection design

Features

- Unique single-optic lens design for accent lighting, reduces glare to improve shopper experience
- Select lamps available in black finish
- Deep dimming down to <5%
- Title 20 & Title 24 JA8 compliant

Application

- Retail
- Hospitality
- Suitable for damp locations

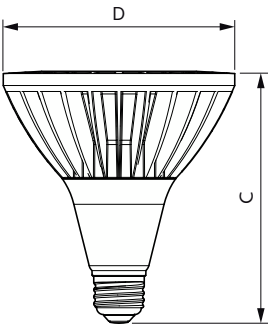
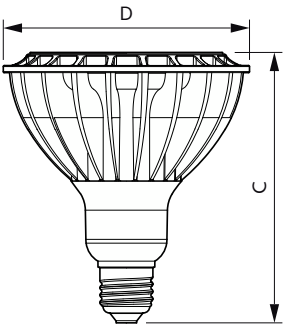
TrueForce High Lumen PAR

Versions



LEDspot PAR38

Dimensional drawing



Product	D	C
33PAR38/PER/830/F25/DIM/120V 6/1FB	123 mm	133 mm
33PAR38/PER/830/F25/DIM/120V B 6/1FB	123 mm	133 mm
33PAR38/PER/830/S15/DIM/120V 6/1FB	123 mm	133 mm
33PAR38/PER/830/S15/DIM/120V B 6/1FB	123 mm	133 mm
36PAR38/PER/830/F25/ND/120V 6/1FB	123 mm	133 mm

Product	D	C
27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB	120 mm	131 mm
27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB	120 mm	131 mm

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General Information	
Cap-Base	E26
Switching Cycle	50,000
Nominal lifetime	25,000 hour(s)
Light Technical	
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	80
Color Code	830
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Starting Time (Nom)	0.5 s
Wattage Equivalent	250 W
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	PAR38

Light Technical

Order Code	Full Product Name	Beam Angle	Luminous	
		(Nom)	Luminous Flux	Intensity (Nom)
929001919604	33PAR38/PER/830/S15/DIM/120V B 6/1FB	15 degree(s)	3,000 lm	33,000 cd
929001919704	33PAR38/PER/830/F25/DIM/120V B 6/1FB	25 degree(s)	3,000 lm	10,000 cd
929003063504	27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB	15 degree(s)	2,800 lm	18,000 cd
929003063604	27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB	25 degree(s)	2,800 lm	8,500 cd
929001916704	36PAR38/PER/830/F25/ND/120V 6/1FB	25 degree(s)	3,800 lm	11,000 cd
929001916804	33PAR38/PER/830/S15/DIM/120V 6/1FB	15 degree(s)	3,000 lm	33,000 cd
929001916904	33PAR38/PER/830/F25/DIM/120V 6/1FB	25 degree(s)	3,000 lm	10,000 cd

Operating and Electrical

Order Code	Full Product Name	Input	Line	Power
		Frequency	Frequency	Consumption
929001919604	33PAR38/PER/830/S 15/DIM/120V B 6/1FB	50 to 60 Hz	50 to 60 Hz	33 W
929001919704	33PAR38/PER/830/F 25/DIM/120V B 6/1FB	50 to 60 Hz	50 to 60 Hz	33 W
929003063504	27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB	60 Hz	60 Hz	27 W
929003063604	27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB	60 Hz	60 Hz	27 W

Order Code	Full Product Name	Input	Line	Power
		Frequency	Frequency	Consumption
929001916704	36PAR38/PER/830/F 25/ND/120V 6/1FB	50 to 60 Hz	50 to 60 Hz	36 W
929001916804	33PAR38/PER/830/S 15/DIM/120V 6/1FB	50 to 60 Hz	50 to 60 Hz	33 W
929001916904	33PAR38/PER/830/F 25/DIM/120V 6/1FB	50 to 60 Hz	50 to 60 Hz	33 W

Temperature

Order Code	Full Product Name	T-Case Maximum
		(Nom)
929001919604	33PAR38/PER/830/S15/DIM/120V B 6/1FB	90 °C
929001919704	33PAR38/PER/830/F25/DIM/120V B 6/1FB	90 °C
929003063504	27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB	75 °C
929003063604	27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB	75 °C

Order Code	Full Product Name	T-Case Maximum
		(Nom)
929001916704	36PAR38/PER/830/F25/ND/120V 6/1FB	90 °C
929001916804	33PAR38/PER/830/S15/DIM/120V 6/1FB	90 °C
929001916904	33PAR38/PER/830/F25/DIM/120V 6/1FB	90 °C

Controls and Dimming

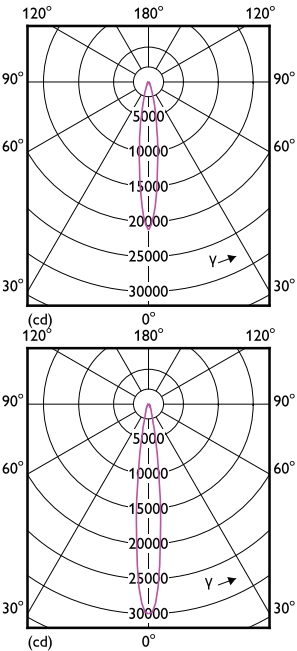
Order Code	Full Product Name	Dimmable
929001919604	33PAR38/PER/830/S15/DIM/120V B 6/1FB	Only with specific dimmers
929001919704	33PAR38/PER/830/F25/DIM/120V B 6/1FB	Yes
929003063504	27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB	Only with specific dimmers
929003063604	27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB	Only with specific dimmers

Order Code	Full Product Name	Dimmable
929001916704	36PAR38/PER/830/F25/ND/120V 6/1FB	No
929001916804	33PAR38/PER/830/S15/DIM/120V 6/1FB	Only with specific dimmers
929001916904	33PAR38/PER/830/F25/DIM/120V 6/1FB	Yes

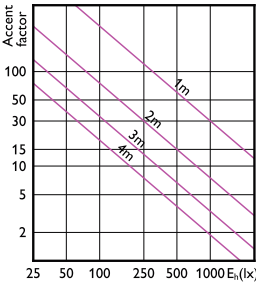
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Approval and Application

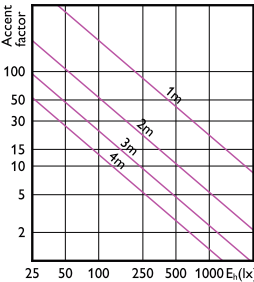
Order Code	Full Product Name	Ambient temperature range
929001919604	33PAR38/PER/830/S15/DIM/120V B 6/1FB	-20 to +45 °C
929001919704	33PAR38/PER/830/F25/DIM/120V B 6/1FB	-
929003063504	27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB	-
929003063604	27PAR38TrueF 830 F25 DIM 120V-277V 6/1FB	-
929001916704	36PAR38/PER/830/F25/ND/120V 6/1FB	-
929001916804	33PAR38/PER/830/S15/DIM/120V 6/1FB	-20 to +45 °C
929001916904	33PAR38/PER/830/F25/DIM/120V 6/1FB	-



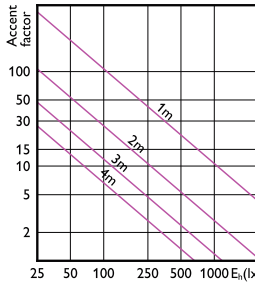
Accent Diagrams



Accent Diagram - 33PAR38/PER/830/S15/DIM/120V B 6/1FB



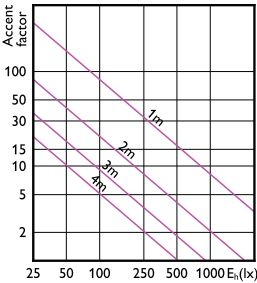
Accent Diagram - 27PAR38TrueF 830 F15 DIM 120V-277V 6/1FB



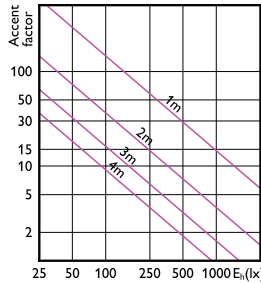
Accent Diagram - 33PAR38/PER/830/F25/DIM/120V B 6/1FB

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Accent Diagrams

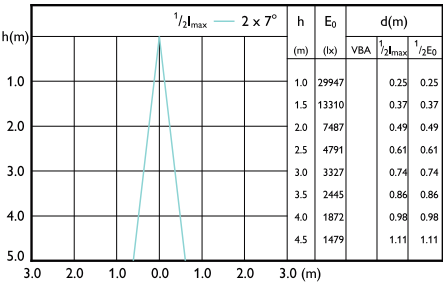


Accent Diagram - 27PAR38TrueF 830 F25 DIM
120V-277V 6/1FB

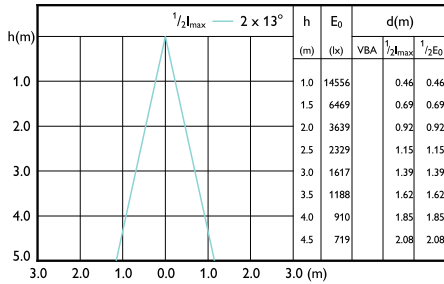


Accent Diagram - 36PAR38/PER/830/F25/ND/
120V 6/1FB

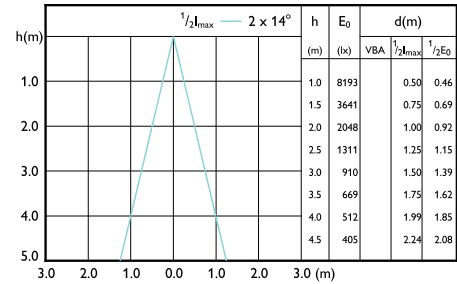
Beam Diagrams



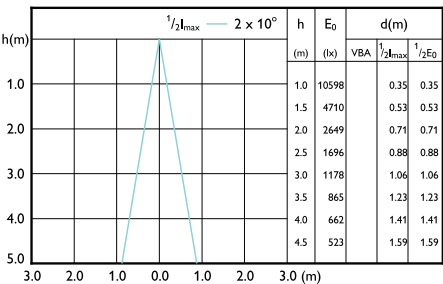
Beam diagram - 33PAR38/PER/830/S15/DIM/
120V B 6/1FB



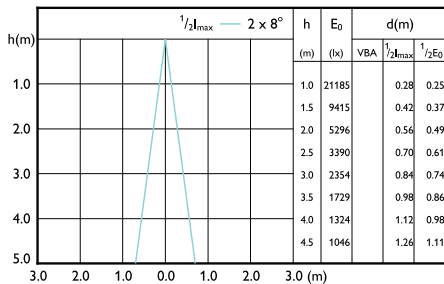
Beam diagram - 36PAR38/PER/830/F25/ND/
120V 6/1FB



Beam diagram - 27PAR38TrueF 830 F25 DIM
120V-277V 6/1FB



Beam diagram - 33PAR38/PER/830/F25/DIM/
120V B 6/1FB



Beam diagram - 27PAR38TrueF 830 F15 DIM
120V-277V 6/1FB

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