PHILIPS

Lighting

LED PAR38

12PAR38/LED/840/F40/DIM/ULW/120V 6/1FB

Philips LED spots with a single optic beam, provide a clean beam that's free from shadows with beam angles from 15 and 40 degrees to suit every general lighting application.

Product data

General Information	
Cap-Base	E26 [Single Contact Medium Screw]
Nominal lifetime	25,000 hour(s)
Switching Cycle	25,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	40 degree(s)
Luminous Flux	900 lm
Luminous Intensity (Nom)	1,900 cd
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	75.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	12 W
Lamp Current (Nom)	112 mA
Wattage Equivalent	90 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.8
Voltage (Nom)	120 V

Temperature	
T-Case Maximum (Nom)	66 °C

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	PAR38 [PAR 4.75 inch/121mm]

Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh

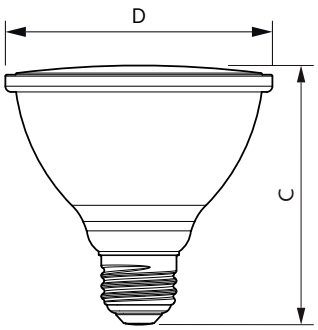
Product Data	
Order product name	12PAR38/LED/840/F40/DIM/ULW/120V 6/1FB
Full product name	12PAR38/LED/840/F40/DIM/ULW/120V 6/1FB

LED PAR38

Order code	529685
Material Nr. (12NC)	929001320204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677529680

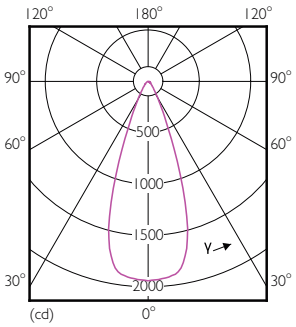
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677529685

Dimensional drawing

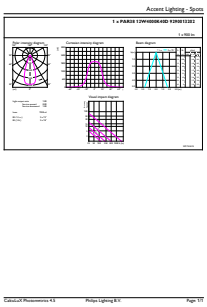


Product	D	C
12PAR38/LED/840/F40/DIM/ULW/120V 6/1FB	122 mm	134 mm

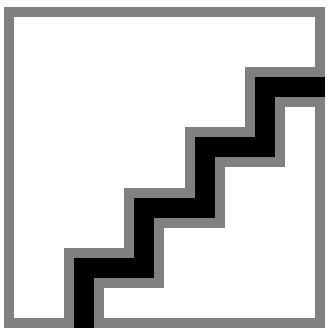
Photometric data



Light Distribution Diagram - 12PAR38/LED/840/F40/DIM/ULW/120V 6/1FB



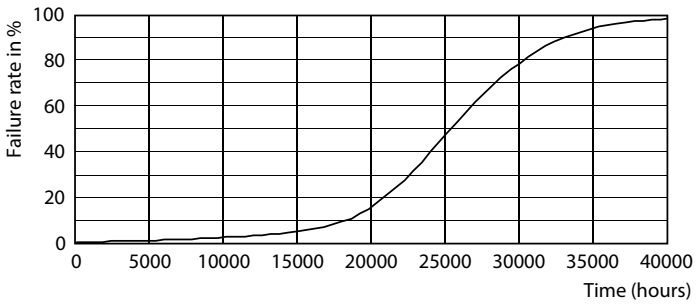
Accent Lighting Spots - 12PAR38/LED/840/F40/DIM/ULW/120V 6/1FB



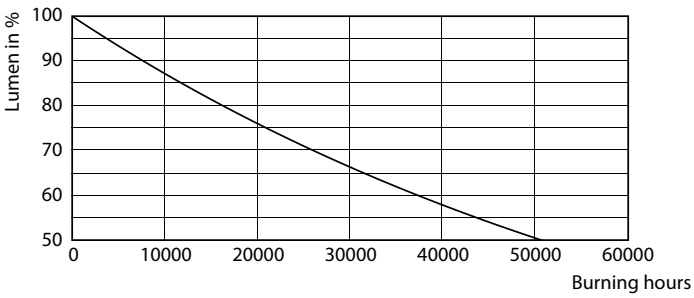
Spectral Power Distribution Colour - 12PAR38/LED/840/F40/DIM/ULW/ 120V 6/1FB

LED PAR38

Lifetime



Life Expectancy Diagram - 12PAR38/LED/840/F40/DIM/ULW/120V 6/1FB



Lumen Maintenance Diagram - 12PAR38/LED/840/F40/DIM/ULW/120V 6/1FB

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