



# LED PAR38

## 16.5PAR38/PER/930/F25/DIM/120V 6/1FB T20

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	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	25 degree(s)
Luminous Flux	1,250 lm
Luminous Intensity (Nom)	6,000 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	75.00 lm/W
Color Consistency	<4
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	60 Hz
Input Frequency	60 Hz
Power Consumption	16.5 W
Lamp Current (Nom)	170 mA

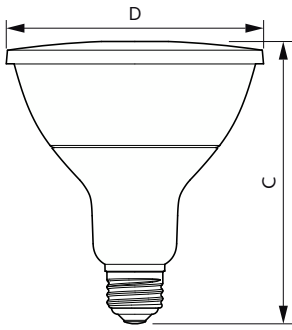
Wattage Equivalent	120 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120 V
Temperature	
T-Case Maximum (Nom)	194 °F
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	PAR38 [PAR 4.75 inch/121mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	16.5PAR38/PER/930/F25/DIM/120V 6/1FB T20

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<b>Full product name</b>	16.5PAR38/PER/930/F25/DIM/120V 6/1FB T20
<b>Order code</b>	534859
<b>Material Nr. (12NC)</b>	929001853704
<b>Numerator - Quantity Per Pack</b>	1

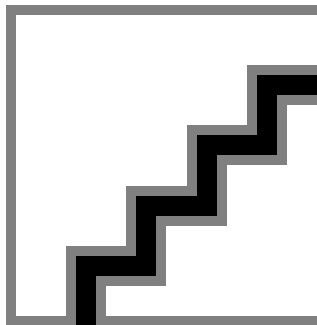
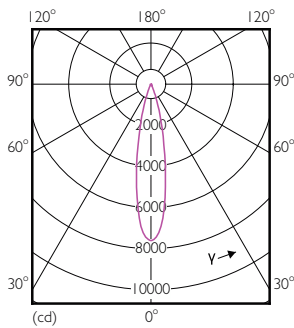
<b>EAN/UPC - Product/Case</b>	046677534851
<b>Numerator - Packs per outer box</b>	6
<b>EAN/UPC - Case</b>	50046677534856

## Dimensional drawing



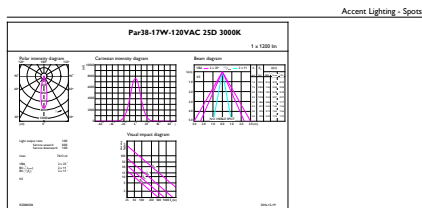
Product	D	C
16.5PAR38/PER/930/F25/DIM/120V 6/1FB T20	4-3/4 inch	5-5/16 inch

## Photometric data



Light Distribution Diagram - 16.5PAR38/PER/930/F25/DIM/120V 6/1FB T20

Spectral Power Distribution Colour - 16.5PAR38/PER/930/F25/DIM/120V 6/1FB T20



Accent Lighting Spots - 16.5PAR38/PER/930/F25/DIM/120V 6/1FB T20

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## Lifetime



Life Expectancy Diagram - 16.5PAR38/PER/930/F25/DIM/120V 6/1FB T20

Lumen Maintenance Diagram - 16.5PAR38/PER/930/F25/DIM/120V 6/1FB T20

