



# **TrueForce High Lumen PAR**

# 36PAR38/PER/830/S15/ND/120V 6/1FB

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

#### **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	830 [CCT of 3000K]	
Beam Angle (Nom)	15 degree(s)	
Luminous Flux	3,800 lumen	
Luminous Intensity (Nom)	31,000 cd	
Color Designation	White (WH)	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	105.00 lm/W	
Color Consistency	<4	
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	36 W
Lamp Current (Nom)	330 mA
Wattage Equivalent	250 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.95
Voltage (Nom)	120 V
Temperature	
T-Case Maximum (Nom)	90 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Aluminum
Bulb Shape	PAR38 [PAR 4.75 inch/121mm]
Approval and Application	
Suitable For Accent Lighting	Yes
Energy Consumption kWh/1000 h	- kWh

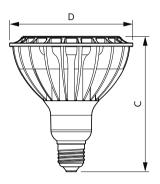
Datasheet, 2023, April 14 data subject to change

# **TrueForce High Lumen PAR**

Energy Certifications	Energy Star
Product Data	
Order product name	36PAR38/PER/830/S15/ND/120V 6/1FB
Order code	534586
Numerator - Quantity Per Pack	1

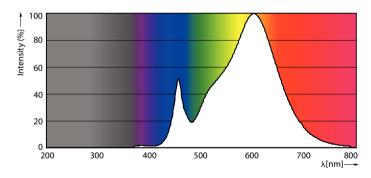
Numerator - Packs per outer box	6
Material Nr. (12NC)	929001916604
Full product name	36PAR38/PER/830/S15/ND/120V 6/1FB
EAN/UPC - Case	50046677534580

## Dimensional drawing

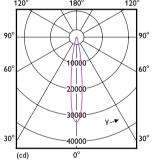


Product	D	С
36PAR38/PER/830/S15/ND/120V 6/1FB	123 mm	133 mm

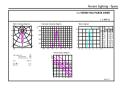
## Photometric data







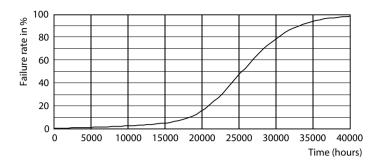
Light Distribution Diagram - 36PAR38/PER/830/S15/ND/120V 6/1FB

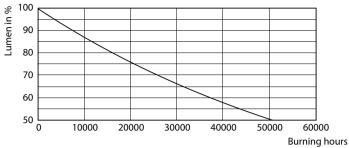


Accent Lighting Spots - 36PAR38/PER/830/S15/ND/120V 6/1FB

# **TrueForce High Lumen PAR**

## Lifetime





Life Expectancy Diagram - 36PAR38/PER/830/S15/ND/120V 6/1FB

Lumen Maintenance Diagram - 36PAR38/PER/830/S15/ND/120V 6/1FB



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