



TrueForce LED Public Mains

35ED23.5/LED/740/ND 120-277V E40 G2 4/1

Philips TrueForce LED lamps provide an easy LED solution with a fast payback to replace High-Intensity Discharge (HID) lamps in Post-Top applications. These lamps bring the energy efficiency and long lifetime benefits of LED to HID replacement, with a low initial investment delivering instant savings. With the right lamp size and light distribution, customers can easily retrofit TrueForce LED lamps into their existing system, thereby enhancing the light quality without having to change the fixtures or sacrifice the light effect.

Product data

General Information	
Cap-Base	E40 [E40]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	740 [CCT of 4000K]
Beam Angle (Nom)	360 degree(s)
Luminous Flux	5,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	142.86 lm/W
Color Consistency	ANSI 4000K
Color rendering index (CRI)	70
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	35 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
Temperature	
Ambient temperature range	-40 °C to 55 °C
T-Case Maximum (Nom)	57 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

Datasheet, 2023, November 16 data subject to change

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Bulb Shape	Others	
Approval and Application		
Energy Consumption kWh/1000 h	- kWh	
Product Data		
Order product name	35ED23.5/LED/740/ND 120-277V E40 G2 4/1	
Full product name	35ED23.5/LED/740/ND 120-277V E40 G2 4/1	
Full product code	871869677231700	

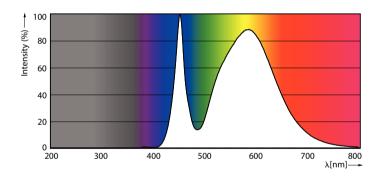
Order code	929001818112
Material Nr. (12NC)	929001818112
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696772317
Numerator - Packs per outer box	4
EAN/UPC - Case	8718696772324

Dimensional drawing

Product	D	С
35ED23.5/LED/740/ND 120-277V E40 G2 4/1	84 mm	195 mm

General Uniform Lighting

Photometric data





Spectral Power Distribution Colour - 35ED23.5/LED/740/ND 120-277V E40

General uniform lighting - 35ED23.5/LED/740/ND 120-277V E40 G2 4/1



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