



TrueForce LED Public Mains

55ED28/LED/727/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	727 [CCT of 2700K]
Beam Angle (Nom)	360 degree(s)
Luminous Flux	7,500 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	145.45 lm/W
Color Consistency	ANSI 2700K
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	55 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	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

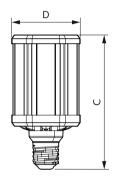
Datasheet, 2023, May 1 data subject to change

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Bulb Shape	Others	
Approval and Application		
Energy Consumption kWh/1000 h	- kWh	
Product Data		
Order product name	55ED28/LED/727/ND 120-277V E40 G2 4/1	
Full product name	55ED28/LED/727/ND 120-277V E40 G2 4/1	
Full product code	871869677233100	

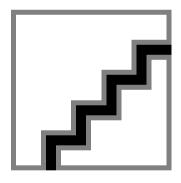
Order code	77233100
Material Nr. (12NC)	929001818212
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696772331
Numerator - Packs per outer box	4
EAN/UPC - Case	8718696772348

Dimensional drawing

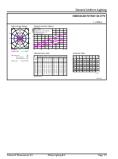


Product	D	С
55ED28/LED/727/ND 120-277V E40 G2 4/1	105 mm	211 mm

Photometric data



Spectral Power Distribution Colour - 55ED28/LED/727/ND 120-277V E40 G2 4/1



General uniform lighting - 55ED28/LED/727/ND 120-277V E40 G2 4/1



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