



TrueForce LED Public Mains

55ED28/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 | | Operating and Electrical | |
|---------------------------------------|--------------------|---------------------------|-------------|
| Cap-Base | E40 [E40] | Line Frequency | 50 to 60 Hz |
| Nominal lifetime | 50,000 hour(s) | Input Frequency | 50 to 60 Hz |
| Switching Cycle | 50,000 | Power Consumption | 55 W |
| Lighting Technology | LED | Starting Time (Nom) | 0.5 s |
| EU RoHS compliant | Yes | Warm-up time to 60% light | 0.5 s |
| Light Technical | | Power Factor (Fraction) | 0.9 |
| Color Code | 740 [CCT of 4000K] | Voltage (Nom) | 120-277 V |
| Beam Angle (Nom) | 360 degree(s) | Temperature | |
| Luminous Flux | 8,000 lm | T-Case Maximum (Nom) | 80 °C |
| Color Designation | Cool White (CW) | Controls and Dimming | |
| Correlated Color Temperature (Nom) | 4000 K | Dimmable | No |
| Luminous Efficacy (rated) (Nom) | 145.45 lm/W | Mechanical and Housing | |
| Color Consistency | ANSI 4000K | Bulb Finish | Clear |
| Color rendering index (CRI) | 70 | | |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | | |

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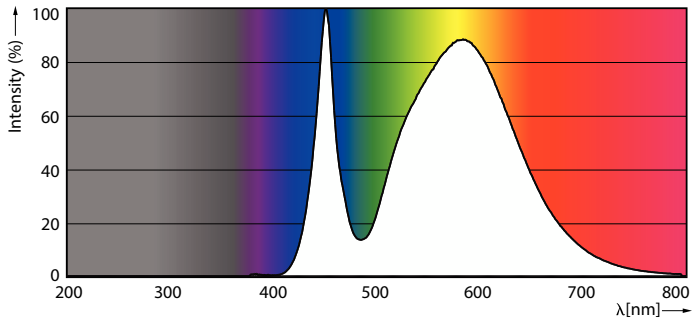
| | |
|-------------------------------|---------------------------------------|
| Bulb Shape | Others |
| Approval and Application | |
| Energy Consumption kWh/1000 h | - kWh |
| Product Data | |
| Order product name | 55ED28/LED/740/ND 120-277V E40 G2 4/1 |
| Full product name | 55ED28/LED/740/ND 120-277V E40 G2 4/1 |
| Full product code | 871869677235500 |

| | |
|---------------------------------|---------------|
| Order code | 929001818312 |
| Material Nr. (12NC) | 929001818312 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696772355 |
| Numerator - Packs per outer box | 4 |
| EAN/UPC - Case | 8718696772362 |

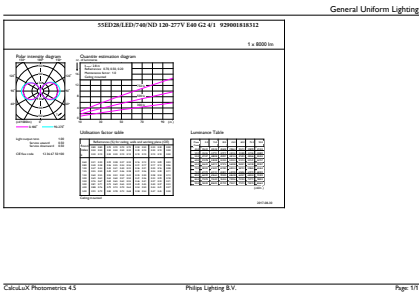
Dimensional drawing

| Product | D | C |
|---------------------------------------|--------|--------|
| 55ED28/LED/740/ND 120-277V E40 G2 4/1 | 105 mm | 211 mm |

Photometric data



Spectral Power Distribution Colour - 55ED28/LED/740/ND 120-277V E40 G2 4/1



General uniform lighting - 55ED28/LED/740/ND 120-277V E40 G2 4/1

