PHILIPS

# DN296B LED12S-6500 PSU WH

919515812856




## Compact Design……Sleek yet Powerful

Green Perform Sleek luminaire is designed for low dept false ceiling. Slim design with non-integral driver enables installation into low height false ceilings of different thickness and materials. Narrow rim semi-deep recessed design gives high quality lighting for designer ceilings. Highly efficient Electronic driver with high performance LED’s ensures the longer life & high performance in this product category. Wide range of CCT’s & Lumen packs suitable for various application.

### Warnings and Safety

- Meant for Indoor Application Only. Should not be used in outdoor environment.

### General Information

| | |
|---|---|
| Driver included | Yes |
| Light source engine type | LED |
| Warranty period | 2 years |

### Light Technical

| | |
|---|---|
| Luminous Flux | 1,200 lm |
| Correlated Color Temperature (Nom) | 6500 K |
| Luminous Efficacy (rated) (Nom) | 110 lm/W |
| Color rendering index (CRI) | >80 |
| Beam angle of light source | 120 degree(s) |
| Light source color | 865 cool daylight |
| Optic type | Beam angle 120° |
| Luminaire light beam spread | 120° |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 130-320 V |
| Line Frequency | 50 Hz |
| Power Consumption | 11 W |
| Power Factor (Fraction) | 0.95 |
| Protection class IEC | Safety class I |
| Surge Protection (Common/ Differential) | Surge protection level until 2.5 kV |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |

## Mechanical and Housing

| | |
|---|---|
| Housing Material | Aluminum die cast |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Housing Color | White and black |
| Mounting device | Spring clip for recess mounting |
| Material | Aluminum |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Optical cover type | Polycarbonate |
| Net Weight (Piece) | 0.280 kg |

## Approval and Application

| | |
|---|---|
| Flammability mark | For mounting on normally flammable surfaces |
| Ambient temperature range | 0 to +45 °C |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| Initial chromaticity | <5 |
| Power consumption tolerance | +/-10% |

## Over Time Performance (IEC Compliant)

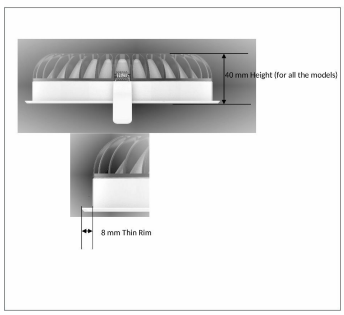
| | |
|---|---|
| Median useful life L70B50 | 50,000 hour(s) |

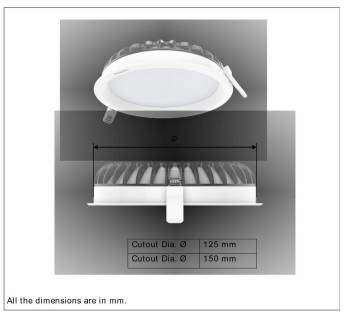
## Product Data

| | |
|---|---|
| Order product name | DN296B LED12S-6500 PSU WH |
| Full product name | DN296B LED12S-6500 PSU WH |
| Order code | 919515812856 |
| Material Nr. (12NC) | 919515812856 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 20 |

## Dimensional drawing




## Related Documents

| Photometry and lighting design | Document Name | Download |
|---|---|---|
| IES File | GreenPerform Sleek_DN296B LED12S PSU WH.ies | Download |

© 2026 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.