PHILIPS

# LL199X 1XDLED40-6500 PSE OD WH IP54 G2

919515816466




## Energy-efficient trunking lighting solution for industrial and commercial applications

With Philips Optimus Trunking, industry and transportation owners have an innovative LED solution that intelligently combines high-performance lighting features with maximized energy savings. This. solution is designed to provide safety and enhance traveler's experience without compromising performance and energy efficiency. Suitable for a wide range of applications, it is safe, reliable, and versatile, the perfect direct replacement for conventional fluorescent trunking. Luminaire comes along with reliability of Philips brand offered in professional specifications which makes the Product robust in the industrial, easy to install and maintain. Less maintenance in the longer run, resulting in an attractive Total Cost of Ownership.

### 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 | 1 years |

### Light Technical

| | |
|---|---|
| Luminous Flux | 4,000 lm |
| Correlated Color Temperature (Nom) | 6500 K |
| Luminous Efficacy (rated) (Nom) | 125 lm/W |
| Color rendering index (CRI) | 80 |

| | |
|---|---|
| Beam angle of light source | - degree(s) |
| Light source color | 865 cool daylight |
| Optic type | - |
| Luminaire light beam spread | - |
| Optic type outdoor | - |
| Unified glare rating CEN | Not applicable |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 Hz |
| Power Consumption | 32 W |
| Power Factor (Fraction) | 0.9 |
| Protection class IEC | Safety class I |
| Surge Protection (Common/ Differential) | 4/4 kV kV |

## Controls and Dimming

| | |
|---|---|
| Dimmable | - |
| Control interface | - |

## Mechanical and Housing

| | |
|---|---|
| Housing Material | Aluminum extruded |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Housing Color | White |
| Mounting device | Suspension set simple, standard |
| Optical cover shape | Curved |
| Overall length | 1,132 mm |
| Overall width | 66 mm |
| Overall height | 34 mm |
| Dimensions (Height x Width x Depth) | 34 x 66 x 1132 mm |
| Material | Aluminum |
| Ingress protection code | IP54 [Dust accumulation-protected, splash-proof] |
| Mech. impact protection code | IK05 [0.7 J] |
| Optical cover type | Opal diffuser in polycarbonate cover |
| Net Weight (Piece) | 1.000 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% |

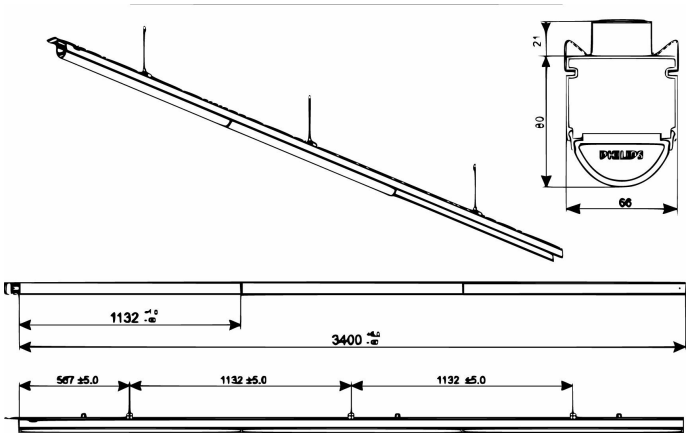
## Over Time Performance (IEC Compliant)

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

## Product Data

| | |
|---|---|
| Order product name | LL199X 1XDLED40-6500 PSE OD WH IP54 G2 |
| Full product name | LL199X 1XDLED40-6500 PSE OD WH IP54 G2 |
| Order code | 919515816466 |
| Material Nr. (12NC) | 919515816466 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 6 |

## Dimensional drawing




## Related Documents

| Documents and certificates | Document Name | Download |
|---|---|---|
| Installation Instructions | Optimus-LL199X-WH-INI.pdf | 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.