PHILIPS

**SP791X N LED27S 857**
**PSU W6L120 OD SI WH**

919515816832



# Enhancing the new normal office interiors with employee comfort and energy efficiency

The GlazeLine Slim family of luminaires gives you compromise-free office illumination with deep recessed optics to reduce the glare and increase the employee productivity. It is a perfect solution for office application and general indoor area lighting with Sleek profile which helps Declutter the ceilings. The range brings together flexible color options with specialized optics without making any concessions on energy efficiency design.

## 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

| | |
|---|---|
| Upward light output ratio | 30 |
| Luminous Flux | 2,700 lm |
| Correlated Color Temperature (Nom) | 5700 K |
| Luminous Efficacy (rated) (Nom) | 122 lm/W |
| Color rendering index (CRI) | 80 |
| Beam angle of light source | - degree(s) |
| Light source color | 857 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 | 22 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 | Flat |
| Overall length | 1,200 mm |
| Overall width | 65 mm |
| Overall height | 100 mm |
| Dimensions (Height x Width x Depth) | 100 x 65 x 1200 mm |
| Material | Aluminum |
| Ingress protection code | IP20 [No protection] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Optical cover type | Opal diffuser in polycarbonate cover |
| Net Weight (Piece) | 3.700 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% |

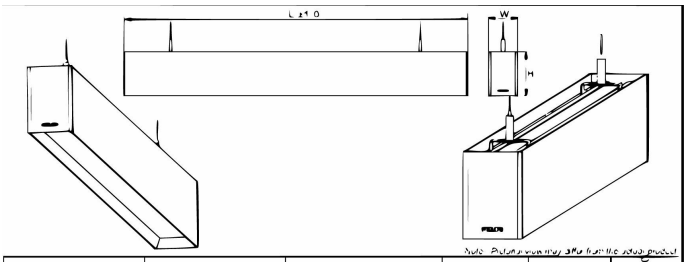
## Over Time Performance (IEC Compliant)

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

## Product Data

| | |
|---|---|
| Order product name | SP791X N LED27S 857 PSU W6L120 OD SI WH |
| Full product name | SP791X N LED27S 857 PSU W6L120 OD SI WH |
| Order code | 919515816832 |
| Material Nr. (12NC) | 919515816832 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 4 |

## Dimensional drawing




| Type Integrated | Type Non Integrated | Dimensions L x W x H_mm | Voltage | Frequency | Kg |
|---|---|---|---|---|---|
| SP790P I W6L60 | SP790P N W6L60 SI | 603 x 65 x 100 | 220 240V~ | 50Hz | 1.5 |
| SP790X I W6L60 | SP790X N W6L60 SI | 598 x 65 x 100 | 220 240V~ | 50Hz | 1.5 |
| SP790P I W6L90 | SP790P N W6L90 SI | 900 x 65 x 100 | 220 240V~ | 50Hz | 2.2 |
| SP790X I W6L90 | SP790X N W6L90 SI | 895 x 65 x 100 | 220 240V~ | 50Hz | 2.2 |
| SP790P I W6L120 | SP790P N W6L120 SI | 1200 x 65 x 100 | 220 240V~ | 50Hz | 2.9 |
| SP790X I W6L120 | SP790X N W6L120 SI | 1195 x 65 x 100 | 220 240V~ | 50Hz | 2.9 |
| SP790P I W6L150 | SP790P N W6L150 SI | 1497 x 65 x 100 | 220 240V~ | 50Hz | 3.6 |
| SP790X I W6L150 | SP790X N W6L150 SI | 1492 x 65 x 100 | 220 240V~ | 50Hz | 3.6 |
| SP790P I W6L180 | SP790P N W6L180 SI | 1797 x 65 x 100 | 220 240V~ | 50Hz | 4.4 |
| SP790X I W6L180 | SP790X N W6L180 SI | 1792 x 65 x 100 | 220 240V~ | 50Hz | 4.4 |
| SP790P I W6L240 | SP790P N W6L240 SI | 2388 x 65 x 100 | 220 240V~ | 50Hz | 5.8 |
| SP790X I W6L240 | SP790X N W6L240 SI | 2393 x 65 x 100 | 220 240V~ | 50Hz | 5.8 |
| SP791P I W6L60 | SP791P N W6L60 SI | 603 x 65 x 100 | 220 240V~ | 50Hz | 1.8 |
| SP791X I W6L60 | SP791X N W6L60 SI | 598 x 65 x 100 | 220 240V~ | 50Hz | 1.8 |
| SP791P I W6L120 | SP791P N W6L120 SI | 1200 x 65 x 100 | 220 240V~ | 50Hz | 3.5 |
| SP791X I W6L120 | SP791X N W6L120 SI | 1195 x 65 x 100 | 220 240V~ | 50Hz | 3.5 |
| SP791P I W6L240 | SP791P N W6L240 SI | 2388 x 65 x 100 | 220 240V~ | 50Hz | 7.0 |
| SP791X I W6L240 | SP791X N W6L240 SI | 2393 x 65 x 100 | 220 240V~ | 50Hz | 7.0 |

## Related Documents

| Documents and certificates | Document Name | Download |
|---|---|---|
| Installation Instructions | Glazeline-SP790-1-WH-INI.pdf | Download |

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