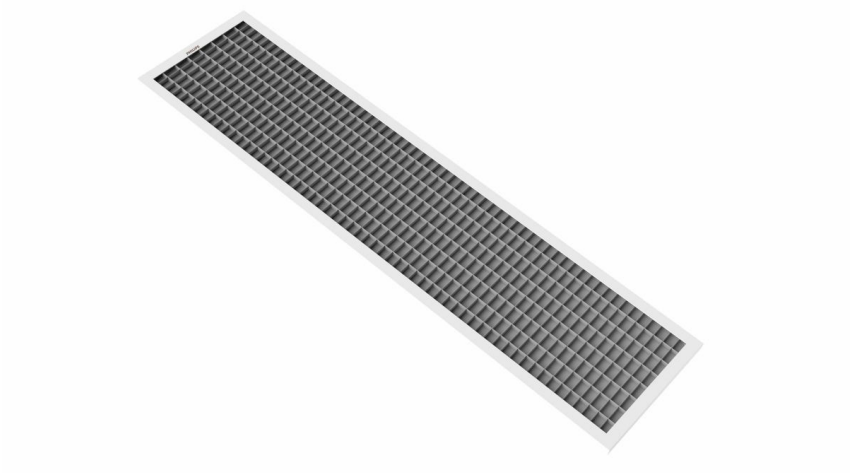
PHILIPS

**BVS221 LED156/857**
**120W 220-240V GC**

911401902484



# Bright Star BVS211/BVS221, 120 W, 15600 lm, 5700 K, Fixed Output

Philips Bright Star is a linear lighting solution designed specifically for indoor recreational sports venues, providing bright, anti-glare, and energy-efficient white light to enhance visibility and visual comfort for facilities such as badminton courts. Featuring a sleek, streamlined design, Bright Star provides clean, continuous illumination ideal for court lighting. Its one-piece stamped steel backplate guarantees structural strength, while the front optical design effectively controls glare in the direction of movement—perfectly balancing aesthetics and performance. With versatile installation options—including wall mount, suspension, and V-type dual-hanging adjustable-angle accessories—Bright Star offers flexible deployment to meet diverse lighting needs. This high-performance linear luminaire combines modern design, reliability, and superior lighting quality for an engaging indoor recreational sports experience.

## General Information

| | |
|---|---|
| Driver included | Yes |
| Light source engine type | LED |

## Light Technical

| | |
|---|---|
| Luminous Flux | 15,600 lm |
| Correlated Color Temperature (Nom) | 5700 K |
| Luminous Efficacy (rated) (Nom) | 130 lm/W |
| Color rendering index (CRI) | 80 |
| Beam angle of light source | 100 degree(s) |
| Light source color | 857 daylight |
| Unified glare rating CEN | 24 |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Power Consumption | 120 W |
| Power Factor (Fraction) | 0.95 |
| Connection | Flying leads/wires |
| Cable | Cable 1.0 m without plug |
| Number of products on MCB of 16 A type B | 3 |
| Protection class IEC | Safety class I |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Control interface | Fixed Output |

## Mechanical and Housing

| | |
|---|---|
| Housing Material | Metal |
| Optical cover material | Polystyrene |
| Housing Color | White RAL 9003 |
| Optical cover finish | Mask (anti-glare) |
| Ingress protection code | IP40 [Wire-protected] |
| Mech. impact protection code | IK03 [0.3 J] |
| Optical cover type | Structured bowl/cover |
| Net Weight (Piece) | 3.100 kg |

## Approval and Application

| | |
|---|---|
| CE mark | No |
| Ambient temperature range | -20 to +45 °C |

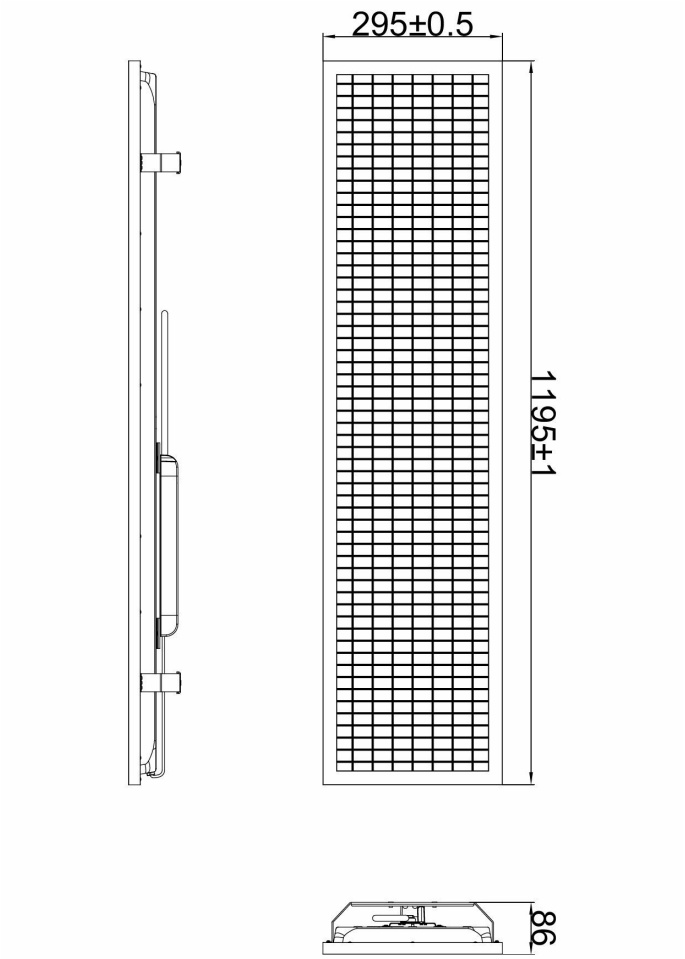
## Initial Performance (IEC Compliant)

| | |
|---|---|
| Luminous flux tolerance | +/-10% |
| Power consumption tolerance | +/-10% |

## Product Data

| | |
|---|---|
| Order product name | BVS221 LED156/857 120W 220-240V GC |
| Full product name | BVS221 LED156/857 120W 220-240V GC |
| Order code | 911401902484 |
| Material Nr. (12NC) | 911401902484 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 6941970622981 |
| Numerator - Packs per outer box | 2 |
| EAN/UPC - Case | 6941970622981 |

## Dimensional drawing




## Related Documents

| Photometry and lighting design | Document Name | Download |
|---|---|---|
| IES File | BVS221-LED156-857-120W-220-240V-GC.ies | Download |

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