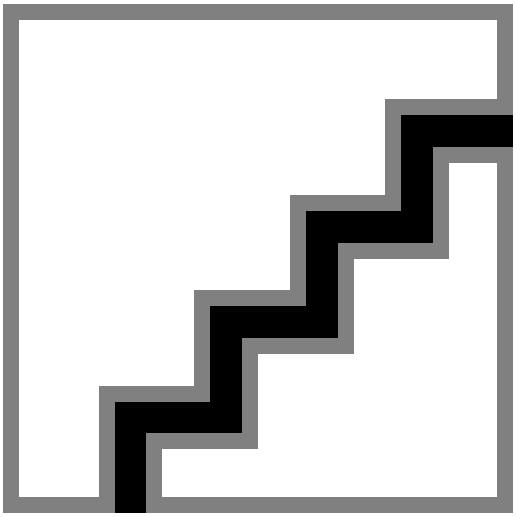


# Essential Smartbright LED

## BVP161 LED60/NW 70W 220-240V WB GOLD

Essential Smartbright LED, 6000 lm, 70 W, 740 neutral white, Wide beam, Safety class I, Mounting bracket adjustable

Philips Essential SmartBright LED Floodlight not only ensures savings on initial capital, but also delivers reliable operational savings.

### Product data

| General Information | |
|---|---|
| **Light source replaceable** | No |
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **Lighting Technology** | LED |
| **Flammability mark** | For mounting on normally flammable surfaces |
| **CE mark** | - |

| Light Technical | |
|---|---|
| **Luminous Flux** | 6,000 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 85.71 lm/W |
| **Color rendering index (CRI)** | >70 |
| **Light source color** | 740 neutral white |
| **Optical cover type** | Micro-lens optic in polycarbonate cover, wide |
| **Optic type outdoor** | Wide beam |

| Operating and Electrical | |
|---|---|
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 to 60 Hz |
| **Inrush current** | 2.5 A |
| **Inrush time** | 0.0053 ms |
| **Power Consumption** | 70 W |
| **Power Factor (Fraction)** | 0.9 |
| **Connection** | Flying leads/wires |
| **Cable** | Cable 0.3 m without plug |

| Temperature | |
|---|---|
| **Ambient temperature range** | -40 to +45 °C |

| Controls and Dimming | |
|---|---|
| **Dimmable** | No |
| **Control interface** | - |

| Mechanical and Housing | |
|---|---|
| **Housing Material** | Aluminum die cast |
| **Optical cover material** | Polycarbonate |
| **Housing Color** | Gold |

# Essential Smartbright LED

| | |
|---|---|
| **Mounting device** | Mounting bracket adjustable |
| **Optical cover shape** | Flat |
| **Optical cover finish** | Frosted |
| **Overall length** | 315.5 mm |
| **Overall width** | 233.5 mm |
| **Overall height** | 41 mm |
| **Dimensions (Height x Width x Depth)** | 41 x 234 x 316 mm |

## Approval and Application

| | |
|---|---|
| **Ingress protection code** | IP65 [Dust penetration-protected, jet-proof] |
| **Mech. impact protection code** | IK07 [2 J reinforced] |
| **Surge Protection (Common/Differential)** | 4/2 kV |
| **Protection class IEC** | Safety class I |

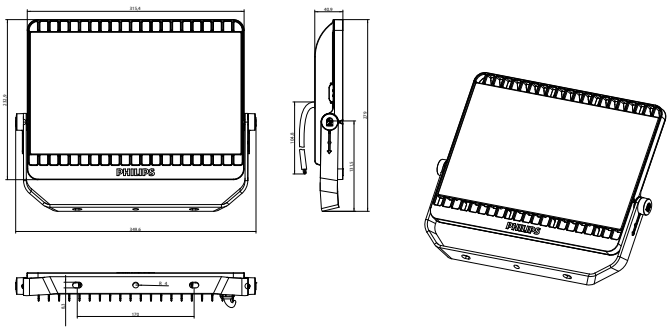
## Initial Performance (IEC Compliant)

| | |
|---|---|
| **Luminous flux tolerance** | +/-10% |
| **Initial chromaticity** | SDCM <5 |
| **Power consumption tolerance** | +/-10% |

## Product Data

| | |
|---|---|
| **Order product name** | BVP161 LED60/NW 70W 220-240V WB GOLD |
| **Full product name** | BVP161 LED60/NW 70W 220-240V WB GOLD |
| **Full product code** | 911401610503 |
| **Order code** | 911401610503 |
| **Material Nr. (12NC)** | 911401610503 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 6 |

## Dimensional drawing




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