



SmartBright Street (BRP046)

*High performance with robust and
compact design*



SmartBright Street (BRP046)



Features & Benefits

- **Best in class energy-efficiency** : Energy savings up to 70% compared to conventional lighting solutions; 1 to 1 replacement for 2x40W FTL/70W SON street lights
- **Robust, Reliable and Safe:**
 - IK07 rating ensures protection against external impact
 - IP66 rated luminaire ensures protection against ingress of dust and moisture
 - Potted driver further ensures protection against moisture
 - Long life of 50,000 hrs. @L70B50
 - Pressure die-cast housing offers excellent corrosion-resistance and robustness
 - Toughened and shatter-proof quality built-in lens enhances safety
 - 4kV surge protection; 10kV surge protection optional
- **Uniform lighting:** Street light distribution optics for uniform lighting on the street
- **Excellent Thermal Management:** Designed to operate under diverse environment from 0°C to 45°C

Signify Classified - Internal

Applications

- Residential
- Security
- Parks
- Periphery
- Residential garden
- Footpath
- Car park
- Gated Community



Specifications

Description	BRP046	
System Lumen	3000lm	3600lm
Wattage	25W	30W
Luminous efficacy	120 lm/W	
CCT	5700K	
CRI	70	
Life	50,000 hrs @L70B50 (T _a 35°C)	
Ambient Temperature	0-45°C	
IP rating	66	
IK rating	07	
Power Factor	>0.95	
Operating Voltage Range	140-270V	
Protection	440V for 8 hrs. (P2P)	
High Voltage Cut	325V (±15V)	
Low Voltage Cut	100V (±10V)	
Auto restart	Yes	
Electrical protection class	Class 1	
Surge protection	4kV (10kV optional)	
Connections	300mm flying wire	
Serviceability	Class B (driver replaceable)	
Dimensions (LxWxH)	365 x 121 x 66 mm	
Housing	Pressure Die Cast LM6 alloy	

Ordering Data

12 NC	Description	Spare Driver 12 NC
919515812711	BRP046 LED 30 CW MR S1 PSU GR	919415811020
919515812712	BRP046 LED 36 CW MR S1 PSU GR	919415811020