



# Tempo mini LED Flood Light

Rishi Agnihotri & Nitin Bahl  
Professional Lighting - India



### Unique Selling Points

- **Unique look and feel** : Slim and Sleek design of Tempo Floodlights
- **Reliable Savings** : Up to 60% energy saving, compared with Conventional floodlights
- **Robust**: IP65, IK07, Class I protection
- **Wide voltage range** : Operating voltage of 140 – 270V
- **Class B Serviceability** : Replaceable Driver at Site



## Tempo mini LED Floodlight



## Features & Benefits

### Use with peace of mind

- Dedicated Flood Optics
- Impact Resistance of **IK07** classification | **IP65** certified
- 4KV Surge Protection
- Potted Driver

### Long-lasting performance

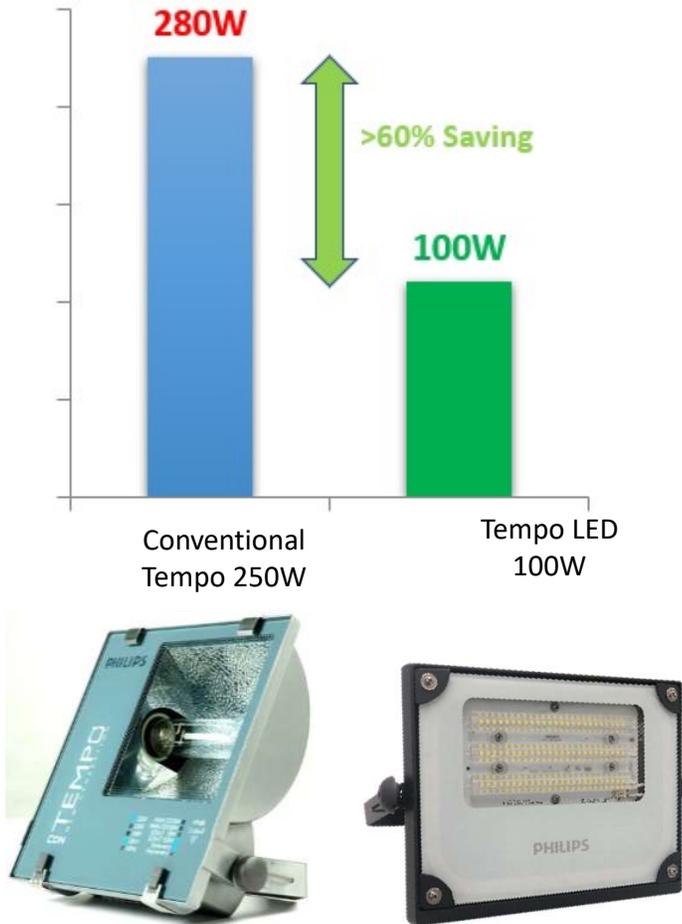
- Designed for energy savings of up to 60% compared with conventional lighting
- L70 30k hours\*
- Designed for operations under diverse environment from **-10°C to 45°C**

*\*Designed to sustain 70% of initial lumen output (L70) at 30,000 hours of lifetime*

### High-quality materials and design

- Slim and Sleek design with superior aesthetic looks
- Toughened and shatter-proof quality built-in lens enhances safety
- Pressure die-cast housing offers excellent corrosion-resistance and robustness

## Tempo mini LED Vs Conventional Tempo



- More than 60% energy savings compared to Conv Tempo 250W HPI-T, it saves 657 KWH / per year,
- Long lifetime, reduced maintenance cost
- Efficacy 90lm/W, One to one replacement of HPI-T
- Low weight design, 50% lighter than Conv Tempo

Note1: Assume 10hrs ignition every day

Note2: can save  $(445-220) \times 10 \times 365 / 1000$  kwh/ per year

Note3: Assume the PF of Conv Tempo driver is 0.95

## Specifications

S No.	Description	BVP 182
1	<b>System Lumen</b>	9000 Lm (Nominal)
2	<b>CCT</b>	3000K , 4000K , 6500K
3	<b>CRI</b>	70
5	<b>IP/ IK</b>	65 / 07
6	<b>Serviceability</b>	Class B
7	<b>Mounting</b>	Via U Clamp
8	<b>Efficacy</b>	90 Lm/W
11	<b>Driver</b>	Fixed output
13	<b>Housing Material</b>	Pressure Die Cast Housing
14	<b>THD</b>	≤20% (At Full Load)
15	<b>Serviceability</b>	Class B
16	<b>Optical Covers</b>	Toughened Glass
17	<b>Wattage</b>	100W (Nominal)
20	<b>Optics</b>	Flood Light Distribution
21	<b>Operating Voltage Range</b>	140-270V
22	<b>Dimensions/Weight</b>	L-264mm , B-203mm , W-52mm , 2.4Kg(Nominal)



\*All the electrical and photometry parameters will have a variation of +/-10% as per IS

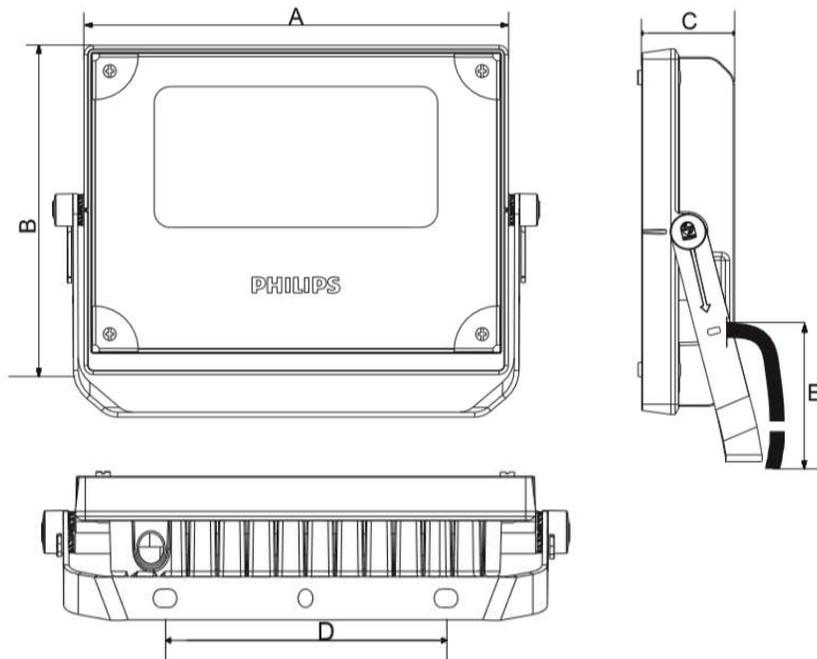
## Applications



## Ordering data | 12NC

S No.	12 NC	Description	Qty per Box	Spare Driver 12 NC
1	919515812818	BVP182 LED100 CW FG WB 100W 120-270 PSU	1	9194 158 11028
2	919515812819	BVP182 LED100 NW FG WB 100W 120-270 PSU	1	9194 158 11028
3	919515812820	BVP182 LED100 WW FG WB 100W 120-270 PSU	1	9194 158 11028

## Dimensions



All dimensions are in mm.

Type	A	B	C	D	E
100W	264	203	52	160	300
70W	264	203	52	160	300

### **Warning**

1. The luminaire shall be installed by qualified electrician and wired in accordance with the latest IEEE electrical regulations or the national requirements.
2. Turn power off before inspection, maintenance, installation or removal.
3. Refer to technical datasheet for additional electrical properties to ensure safe installation
4. Luminaire installed must not be in contact with combustible materials.
5. Ensure power supply cables (L-N / L-N-E) are connected correctly before switching on.
6. The connection of power cable on luminaire is type Y. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid hazard.
7. The light source of this luminaire is not replaceable, when the light source reaches its end of life the whole luminaire shall be replaced.

### **Maintenance**

1. Periodic cleaning of the luminaire glass cover will ensure max. optical efficiency
2. Luminaire glass cover shall be cleaned with water and non-abrasive soap, cleaner or detergent solution.

### **Caution**

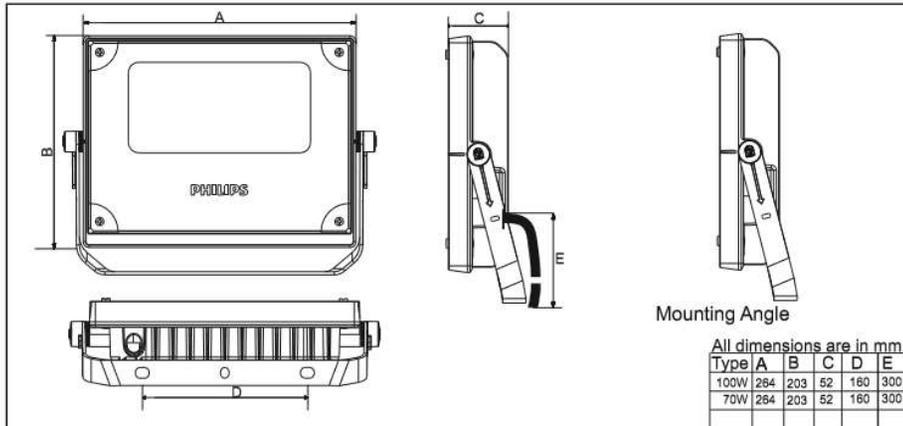
1. The luminaire must be used within the applicable product specifications, installation instructions and environmental conditions for storage & operations according to application guidelines provided by Philips for product Warranty to be valid.
2. In case the front glass is found broken/damaged it should not be powered on and is to be replaced before using the luminaire.

# Mounting Instructions

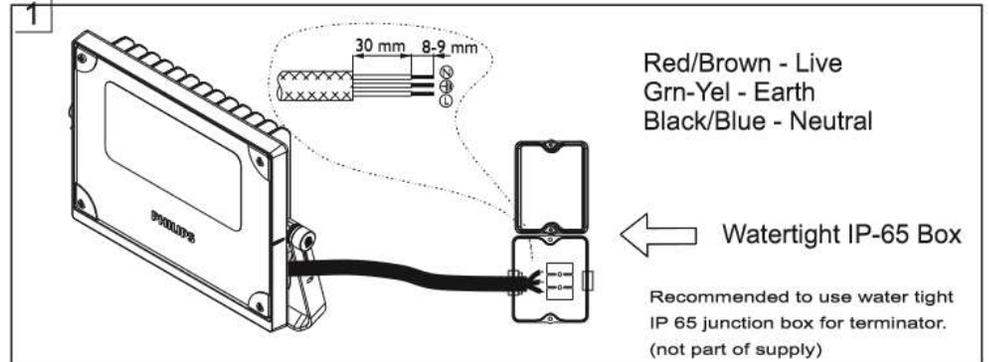
## BVP 182

Flood Lighting Luminaire

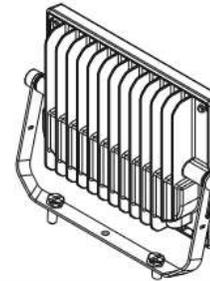
Type	:	BVP182
Light Source	:	LED's
Voltage	:	240V, 50-60 Hz
IP Classification	:	IP-65
Net Weight	:	2.4 kg
Application	:	Outdoor use only



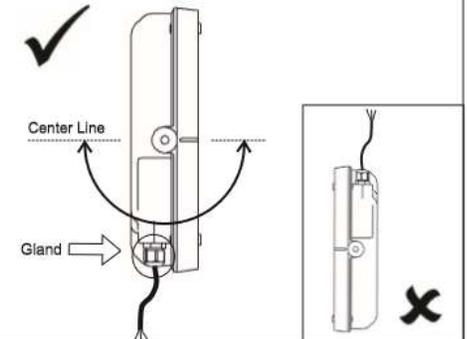
## Installation



2 Adjust and tighten the mounting screws on the side for installation (Torque 8 N-m)



3 Caution: Gland should never be above center line.



Signify