

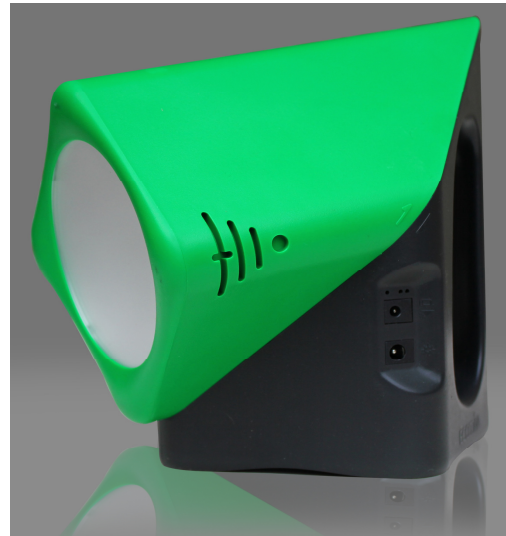
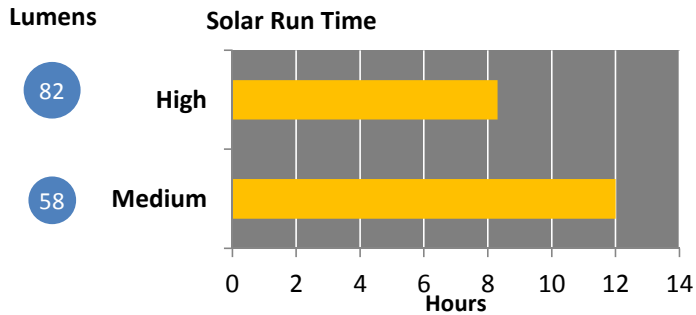
# ECCODiva 118

ECCO Electronics Private Limited

Results based on test procedures detailed in IEC 62257-9-5, ed. 2.0

Verify Online: [www.lightingglobal.org/products/ed-eccodiva118](http://www.lightingglobal.org/products/ed-eccodiva118)

Valid Until: November, 2014



 Meets Lighting Global Minimum Quality Standards

 Mobile Charging

 1 Light Point

## Warranty Information

A 2-year warranty with the exception of the battery, which has a 9-month warranty.

## Performance Details

| Performance Measure                                       | Brightness Setting*** |        |
|---|-----------------------|--------|
|   | High                  | Medium |
| Full battery run time* (hours)                            | 9.7                   | 15     |
| Run time per day of solar charging* (hours)               | 8.3                   | 12     |
| Total light output (lumens)                               | 82                    | 58     |
| Total area with illumination > 25 lux** (m <sup>2</sup> ) | 0.8                   | --     |
| Total lighting service (lumen-hours / solar-day)          | 680                   | 700    |

\* Run time estimates do not account for mobile phone charging or other auxiliary loads; the run time is defined as the time until the output is 70% of the initial, stabilized output.

\*\* Total area with illumination > 25 lux is determined by the maximum area with adequate illumination at a 0.75 m distance and at the distance from which the product would normally provide task lighting service.

\*\*\* Additional brightness settings (not tested): Low, Dim

## Lighting Details

|                             |  |
|-----------------------------|--|
| Lamp type                   | LED  |
| Description of light points | Single LED   |
| Colour characteristics      | CRI 74<br>CCT "Cool" (5000-7000 K)                             |
| Distribution type           | Wide   |
| Lumen maintenance           | 104% of the original output remains after 2,000 hours run time |

**Special Features**

|                 |   |
|-----------------|---|
| Mobile charging | 4 adapter tips included to charge mobile phone from battery |
| LEDs            | UV-free   |

**Durability**

|                                    |  |
|------------------------------------|--|
| Overall durability and workmanship | Pass   |
| Durability tests passed            | Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and protection from occasional rain |

**Solar Details**

|                        |                         |
|------------------------|-------------------------|
| PV module type         | Polycrystalline silicon |
| PV maximum power point | 2.7 watts               |

**Battery Details**

|  |  |
|--|--|
| Battery replaceability                 | Not easily replaceable with common tools |
| Battery chemistry                      | Lithium-ion                              |
| Battery package type                   | --                                       |
| Battery capacity                       | 1600 mAh                                 |
| Battery nominal voltage                | 7.4 V                                    |
| Appropriate battery protection circuit | Pass                                     |

**Product Details**

|                           |                                  |
|---------------------------|----------------------------------|
| Manufacturer name         | ECCO Electronics Private Limited |
| Product name              | ECCODiva 118                     |
| Product model / ID number | ECCODiva 118                     |
| Contact information       | info@ecco.in                     |
| Website                   | www.ecco.in                      |

**SSS Information**

|   |                |
|---|----------------|
| Specs sheet expiration date                 | November, 2014 |
| Minimum Quality Standards Framework Version | 2012           |
| Revision                                    | 2014.01        |