

# ECCODiva 118

ECCO Electronics Private Limited

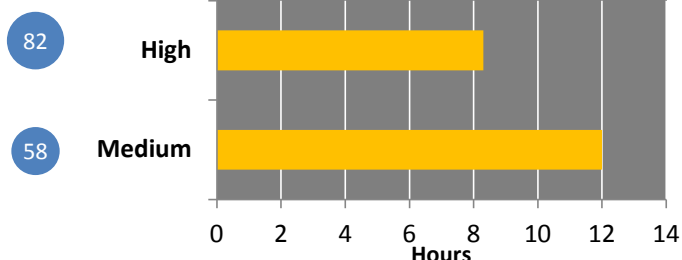
Results based on test procedures detailed in  
IEC 62257-9-5, ed. 2.0

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

Valid Until: May 2015

## Lumens

## Solar Run Time



Meets Lighting Global Minimum  
Quality Standards



Mobile Charging

1

Light Point

## Warranty Information

A 2-year 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 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
5 in 1	Lamp can be reconfigured as a Torch, Study Lamp, Lantern, Wall Light and Ceiling Light
Home Lighting	Multiple lamps can be used as a home lighting system
Power Pack	Can be used as an auxillary power source of 5V/1.5 A
Charge control	Uses MPPT (Maximum Power Point Tracking)
Awards	India Design Mark, and CII Design Award

### 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 occassional 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	18650 cylindrical cell
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	May 2015
Minimum Quality Standards Framework Version	2012
Revision	2015.04