

# ECCODiva 118

ECCO Electronics Private Limited

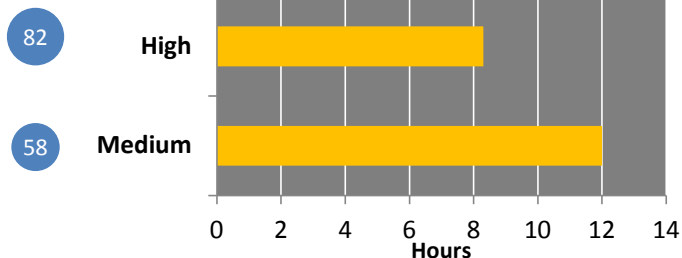
Results based on test procedures detailed in  
IEC 62257-9-5, ed. 2.0

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

Valid Until: March 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	March 2015
Minimum Quality Standards Framework Version	2012
Revision	2015.01