

# CARDIFF

## 80W Solar Streetlight

### Classic Series

Proven. Quality. Customisable

The Compact Solar Lighting Solution. Decrolux presents the ultimate fully integrated solar street light system, with an extremely simple installation method.

Fully Automatic operation, the Light turns on in the evening, and switches off in the morning, by detecting daylight. Motion sensor detects movement powers up to 100%. With no movement, it dims to 50%. Over 24 hours use at Full Charge, with a charging time of 6-7 hours.

Typical installation time of 30 minutes. No power consumption, no cables required.



## IP65



## SPECIFICATIONS

### Material Specifications

<b>Material</b>	Aluminium Alloy Body Case
<b>Dimensions</b>	1570mm x 455mm x 240mm
<b>Ingress Protection</b>	IP65
<b>Weight</b>	19.2Kg
<b>Accessories</b>	Anti-Theft Screws
<b>Mounting Height</b>	4m - 7m
<b>Warranty</b>	5 Year Replacement

### Electrical Specifications

<b>Solar Panel</b>	130W, 18V Monocrystal Panel, Grade A 25 Years
<b>Operating Temperature (Ta)</b>	-10°C to +60°C
<b>Working Time</b>	> 20 Hrs/ Day, 4 Rainy Days
<b>Battery</b>	54Ah 12.8V Lithium LIFEP04

### Optic Specifications

<b>Light Source</b>	80W Lumileds Luxeon LED 3030, Qty 40
<b>Nominal Lumens</b>	12,449lm
<b>CRI</b>	>75Ra
<b>Rated Lifetime (L80B20)</b>	>50,000 Hrs
<b>Spigot Size</b>	Suits 76mm OD

## VARIATIONS

**LC6685-T2** CARDIFF 80W Solar Streetlight, T2 Optic, 5000K, 12,449lm

