

# **LED RECHARGEABLE FLOODLIGHTS**



## INTRODUCTION

The LED Rechargeable Floodlights are available in 20W & 40W versions, offering up to 4000lm light output. The range is available with either one 22.2V battery or two 7.4V batteries delivering runtime of up to seven hours from a 3-4 hour charge time per battery. The product offers a powerful magnetic base for stability and flexibility when working and has a hook design handle for adaptability in application. The range is suitable for complex and hazardous working environments. and offers multiple brightness options of 50% and 100%.

**JCB-FL20**



**JCB-FL20S**



**JCB-FL40**



**JCB-FL40S**



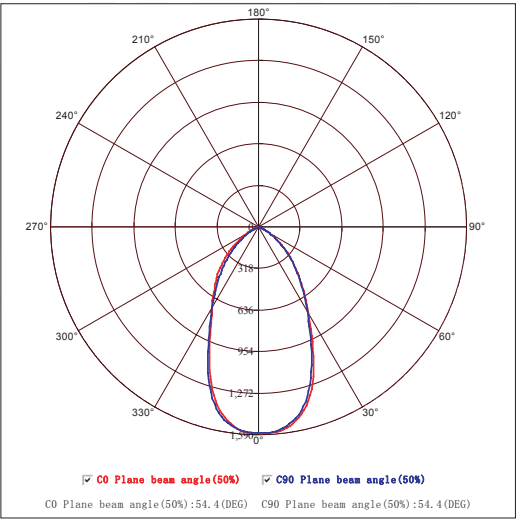
## SPECIFICATION

	JCB-FL20	JCB-FL20S	JCB-FL40	JCB-FL40S
<b>Power Output</b>	20W	20W	40W	40W
<b>Lumen Output</b>	1600lm	2000lm	2600lm	4000lm
<b>Beam Angle</b>	60°			
<b>IP Rating</b>	IP65			
<b>Charge Time</b>	3-4 hours / battery			
<b>Run Time</b>	3 Hours / 1 Batt. 5-6 Hours / 2 Batts.	6-7 Hours / 1 Batt.	1.5 Hours / 1 Batt. 3-4 Hours / 2 Batts.	3-3.5 Hours / 1 Batts
<b>Input Voltage</b>	100-240V, 50Hz			
<b>Material</b>	Iron Stand, Aluminium Alloy & Rubber Coated Head, PC Lens, 4mm Tempered Glass			
<b>LED</b>	2x 1616 COB Chip	2x 1616 COB Chip	4x 1616 COB Chip	4x 1616 COB Chip
<b>CRI</b>	70Ra			
<b>Power Factor</b>	0.9			
<b>Colour Temp</b>	6500K			
<b>IK Rating</b>	IK09			
<b>Life Expectancy</b>	20,000 Hours			
<b>Working Temp.</b>	-10°C - 40°C			
<b>Battery</b>	2 x 7.4V 4.4Ah	1 x 22.2V 4.4Ah	2 x 7.4V 4.4Ah	1 x 22.2V 4.4Ah
<b>PCB Protection</b>	Charging / Discharging	Charging / Discharging / High Temp (70°C)	Charging / Discharging	Charging / Discharging / High Temp (70°C)
<b>Battery Indicator</b>	5 Level Indicator – Green/Green/Green/Amber/Red			
<b>Dimensions</b>	W222 x D212 x H358mm	W224 x D212 x H335mm	W224 x D212 x H335mm	W222 x D212 x H358mm
<b>Charger</b>	12V, 1A	25.2V, 2A	12V, 1A	25.2V, 2A
<b>Weight</b>	2.5Kg	3Kg	2.5Kg	3Kg
<b>Features</b>	<ul style="list-style-type: none"> <li>Battery indicator lights will turn off one by one during discharge</li> <li>When the red indicator light flashes the capacity is less than 5%</li> <li>Li-Ion battery with 100% / 50% / Off switch</li> <li>USB output option</li> <li>Hook design handle</li> <li>A powerful base magnet allows the product to be fixed to a metal surface</li> <li>M10 nut for fixing onto a tripod</li> </ul>			

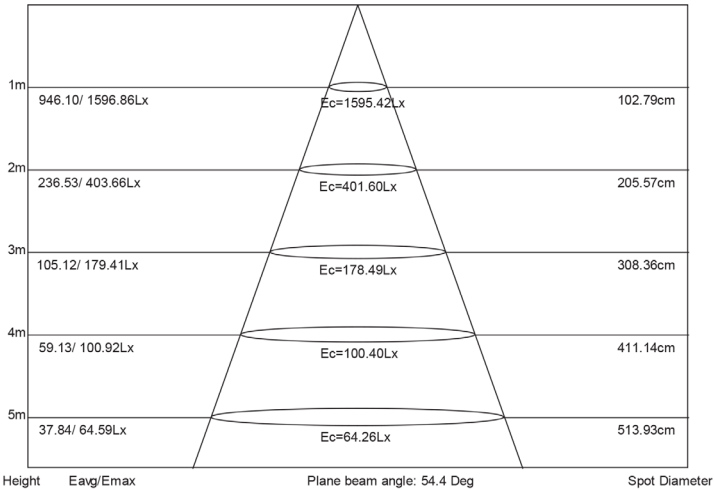


JCB-FL20

PLANAR INTENSITY DISTRIBUTION CURVE

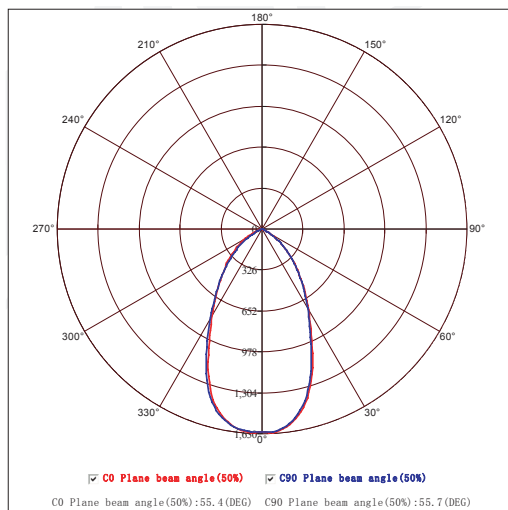


AVERAGE ILLUMINATION

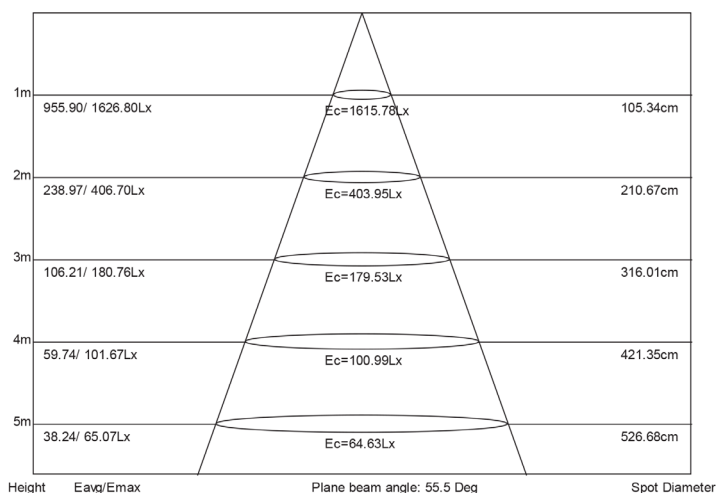


# JCB-FL20S

## PLANAR INTENSITY DISTRIBUTION CURVE

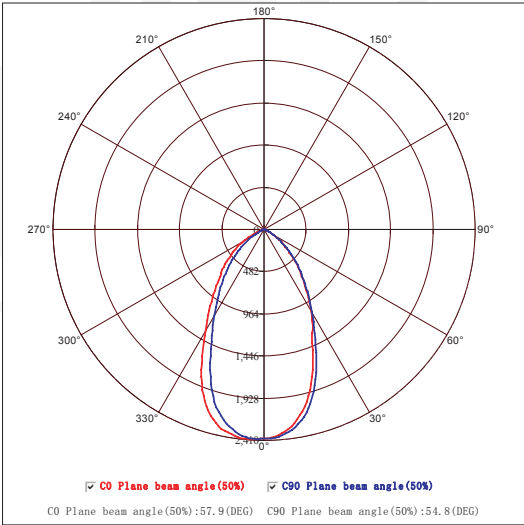


## AVERAGE ILLUMINATION

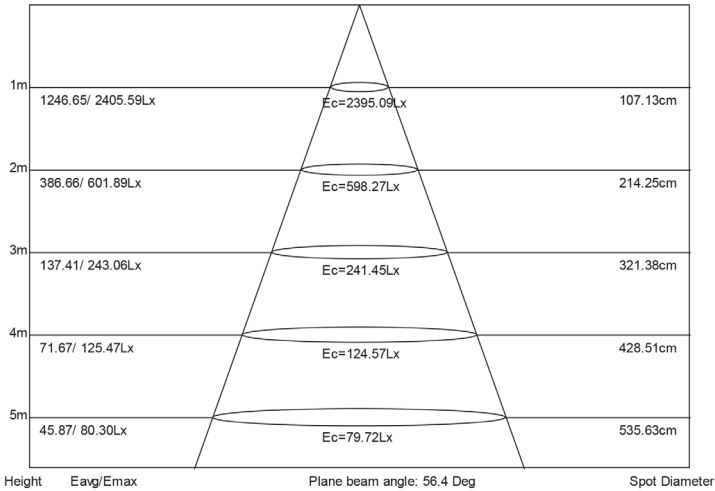


JCB-FL40

PLANAR INTENSITY DISTRIBUTION CURVE

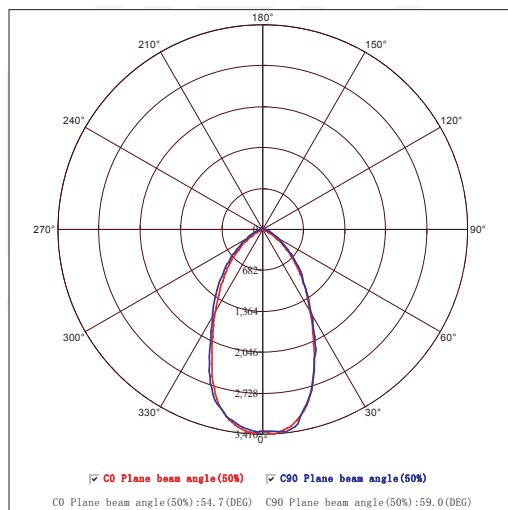


AVERAGE ILLUMINATION

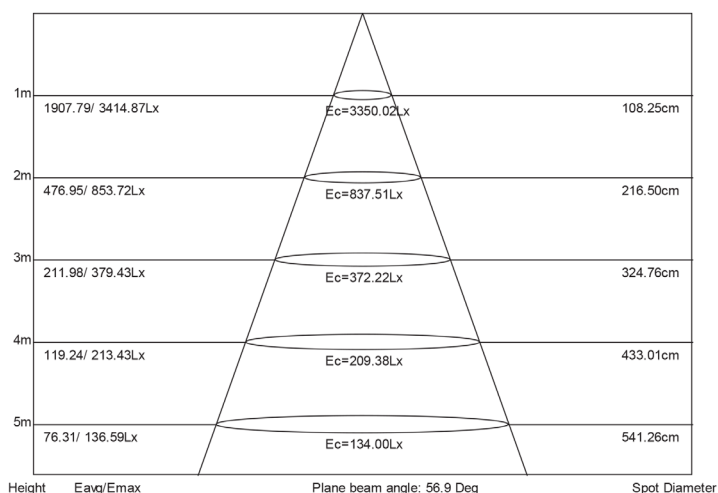


# JCB-FL40S

## PLANAR INTENSITY DISTRIBUTION CURVE



## AVERAGE ILLUMINATION



## **SAFETY NOTICE**

Prior to use carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control the risk.

### **GENERAL**

Ensure the worklight is correctly charged before initial use

DO NOT cover or block the lens during use

DO NOT shine the product directly into the eyes of people or animals

DO NOT allow children to use the worklight

DO NOT handle or move the worklight while it is being charged

DO NOT use the worklight if you suspect the battery or casing is damaged

DO NOT place the product in or near naked flames

DO NOT open the equipment or touch any of the internal parts

Ensure replacement batteries are genuine batteries of the same rating

Ensure the worklight is unplugged and allow to cool before attempting cleaning & maintenance

### **BATTERY**

**WARNING!** To reduce the risk of fire or burns:

DO NOT attempt to open, disassemble, modify or service the battery

DO NOT expose to temperatures above 40°C

DO NOT crush, puncture, short external contacts or dispose of in fire or water

DO NOT dispose of with regular waste - dispose of the old batteries in accordance with local authority battery regulations

DO NOT cover the battery while charging

Ensure the charger is switched off and disconnected from the worklight before attempting to open the lamp unit

Replace only with the batteries designated for this product

If the electrolyte in the cells comes into contact with the skin, wash thoroughly with soap and water

If the electrolyte in the cells comes into contact with the eyes, rinse thoroughly with cold water and seek immediate medical attention



# SAFETY NOTICE

## ELECTRICAL

**WARNING!** It is the user's responsibility to read, understand and comply with the following electrical instructions:

Ensure the risk of electrical shock is minimised by the installation of appropriate safety devices

Inspect the charger plug, cable and connection for wear and damage to ensure the items are safe before connecting to the mains power supply

DO NOT use if worn or damaged

Check cables are always protected against short circuit and overload

**IMPORTANT!** Check that the voltage marked on the charger plug is the same as the power supply to be used

Uncoil the cable between charger and the worklight

DO NOT use any other type of charger with this product

DO NOT place the connector into any area of the worklight except the correct inlet socket

DO NOT try to take the charger plug apart

DO NOT use the charger plug to charge or power any other electrical items

DO NOT wet the charger or use in wet or damp conditions (indoor use only)



## OPERATION

**CHARGING WARNING!** Ensure that you read and fully understand the safety instruction before use

Charge the batteries before use

**IMPORTANT!** Ensure the worklight is turned OFF while charging. Failure to do so will damage the charger plug/vehicle plug

Connect the charging plug into the charging socket located on the rear of worklight

Connect the 230V charger or 12-24V DC charger to a power supply

The LED battery indicator will flash whilst charging and remain constant when fully charged

Disconnect the charger from the worklight when it is fully charged and replace the dust cap

DO NOT shine the product directly into the eyes of people or animals

## MAINTENANCE & STORAGE

When not in use store the product in a safe, clean, dry environment out of the reach of children

Keep the worklight clean from dirt and grease using a damp cloth

DO NOT submerge in water

DO NOT clean the worklight with solvents

Check the product for damage before each use



## **GUARANTEE**

This product is guaranteed against manufacturing defects for a period of 3 years from the date of purchase.

Repair or replacement of products will be undertaken providing that:

- The product has been subject to fair wear and tear only
- The product has not been subject to accidental or cosmetic damage
- The product has not been misused and has been used only in accordance with the instruction manual provided
- The product has not been subject to insufficient servicing and maintenance
- The product has not been subject to any abnormal environmental conditions or inappropriate operating conditions
- Repairs have not been attempted by an unauthorised person and no modifications have been made to the product

The guarantee excludes the following (where relevant):

- Components normally subject to wear and tear
- Batteries and chargers

Your statutory rights are not affected.

We reserve the right to alter specifications without prior notice.

**WE WILL NOT BE LIABLE FOR ANY INJURIES OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT**



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