



**JCC**® | a **LEVITON**®  
company

# *STARSPOT*<sup>TM</sup>

Displaying the full potential of **LED track lighting**

- Outperforms traditional halogen & CDM
- Zero maintenance, no need to relamp
- Life long, consistent LED performance
- No ultraviolet & virtually no heat emission

Advanced **LED** lighting

5 year commercial warranty, 10 year domestic warranty.  
Register online at [jcc.co.uk](http://jcc.co.uk)





We believe that a manufacturers' warranty is your assurance of quality.

This is why all Starspot™ products feature our industry leading five year commercial and 10 year domestic extended warranty.

All of our products are independently tested to ensure that they perform to the highest standards.

To register your warranty, simply go to:  
[jcc.co.uk/warranty](http://jcc.co.uk/warranty)

## Service & support

If you have any questions about the Starspot™ range please contact a member of our support team.

### Customer services

01243 838999

### Technical support

01243 838986

### Email


[sales@jcc.co.uk](mailto:sales@jcc.co.uk)



Download JCC's free cost saving app to see how much you could save by using our LED track lighting.



## STARSPOT™ 500

 480 lumens  
4000K


450 lumens  
3000K

 7W LED  
Total wattage

## STARSPOT™ 1000

 1000 lumens  
4000K


900 lumens  
3000K

 15W LED  
Total wattage

## STARSPOT™ 1500

 1500 lumens  
4000K


1300 lumens  
3000K

 20W LED  
Total wattage

## STARSPOT™ 3000

 3000 lumens  
4000K

2800 lumens  
3000K

 34W LED  
Total wattage

web: [jcc.co.uk/starspot](http://jcc.co.uk/starspot)

**NEW**  
variants

## Outperforms traditional 50W spotlights

- Exceeds 50W halogen light output
- Over 80% energy saving against halogen
- Zero maintenance, no need to relamp
- 4000K & 3000K colour temperature options
- Black and white finishes



**NEW**  
product

## The direct 50W low voltage halogen replacement

- Exceeds 50W LV halogen light output
- Over 75% energy saving against halogen
- Zero maintenance, no need to relamp
- 4000K & 3000K colour temperature options
- Black and white finishes



**NEW**  
product

## The direct 20W CDM replacement

- Exceeds 20W CDM light output
- Life long consistent colour rendering
- Zero maintenance, no need to relamp
- 4000K & 3000K colour temperature options
- Black and white finishes



## The direct 35W CDM replacement

- Exceeds 35W halogen light output
- 88 lumens per circuit Watt
- Zero maintenance, no need to relamp
- No UV and virtually no radiated heat
- Instant start up, no warm up time



# Ideal for lighting sensitive displays



StarSpot™ track fittings use the highest quality LED chips, providing a superior quality light without the issues associated with traditional halogen and CDM light sources.



## StarSpot™ does not emit UV light

Traditional CDM and halogen lamps emit UV light that bleaches products. This has an adverse effect on stock and goods within the lit space. In retail applications this can result in additional stock rotation to ensure that there is no noticeable stock discolouration.



## Virtually no heat emissions

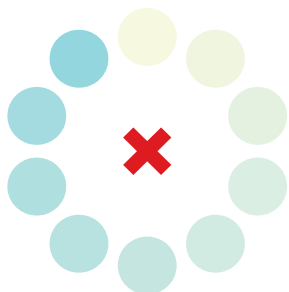
StarSpot™ reduces the need for unnecessary air conditioning, further assisting with the reduction of energy usage. With virtually no heat emissions, StarSpot™ can help to lower ambient temperatures.



## Zero maintenance, no need to relamp

StarSpot's 50,000 hour life and 5 year extended warranty eliminates the issues and costs associated with relamping. With cooler running temperatures, no metal fatigue or filament, StarSpot™ fittings last up to 25 times longer than traditional light sources\*.

# Life long, consistent LED performance



## ✓ Consistent colour temperature

CDM lamps suffer from colour shift, where the colour temperature alters throughout the life of the lamp. Not only does this look unsightly, but it creates inconsistency that can misrepresent colour. This problem can be made worse when replacement lamps are of a different specification and fail to match the existing displays.

## ✓ High CRI

StarSpot™ has a high CRI of 85, providing clarity in retail areas, making products look their best. **StarSpot™ maintains a consistent colour temperature and high CRI** to ensure a true representation of colour throughout its life.

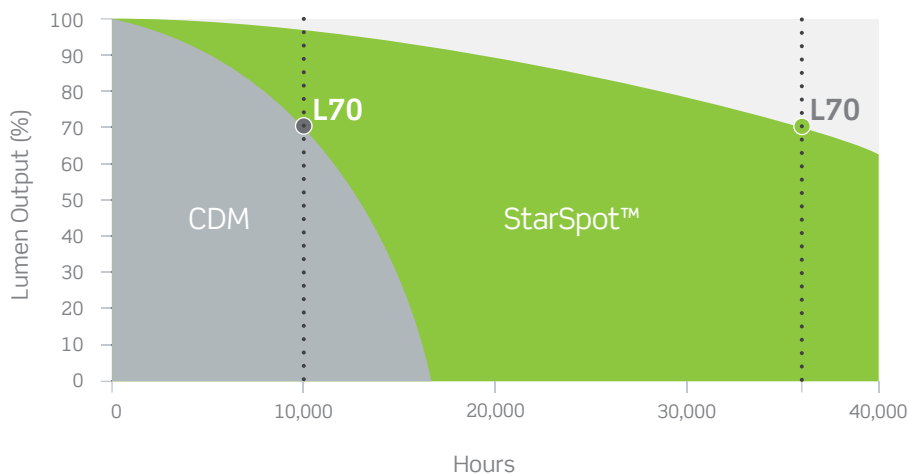
## Outstanding lumen maintenance, over three times longer than CDM lamps

StarSpot's high quality LED chips maintain 70% of their original lumens (L70) after more than 36,000 hours in operation. Equivalent CDM lamps will have dropped to 73% of their initial lumen output after just 10,000 hours, and the lamp needs replacing even though it is still operational.

### Superior lumen maintenance

- StarSpot™ still produces 70% of the original lumen output after 36,000 hours.
- 35W CDM lamps typically would have dropped to 73% of the original output after just 10,000 hours.

All figures based on average life expectancy



## For use with single or three circuit track

StarSpot™ is compatible with leading single and three circuit mains track. To convert any StarSpot™ single circuit spotlight into a three circuit track option please order our adaptor **JC88118**.



# STARSPOT™ 500

## High performance LED spotlight



### StarSpot™ 500 outperforms 50W halogen

Not only does StarSpot™ provide over 80% energy saving against halogen, StarSpot™ 500 also outperforms traditional 50W GU10 halogen light output by up to 20%.

LED 480 lumens

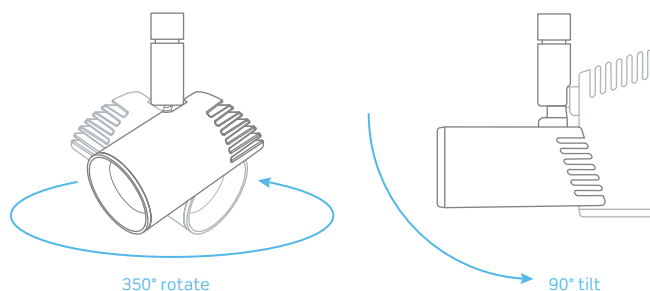
400 lumens

20x greater  
THAN GU10 HALOGEN

### 350° rotation, 90° tilt

#### Ultra versatile, ideal for retail applications

For enhanced flexibility in directional lighting, StarSpot™ has been designed with a 350° rotate and 90° tilt for retail applications that require a quick and adaptable lighting solution.



### StarSpot™ lasts 25 times longer than GU10 halogen

During StarSpot's 50,000 hour life, you would typically have to replace the equivalent halogen lamp over 25 times\*.

## Outstanding cost savings



Annual  
cost saving

**£2,595.15**



Lifetime  
cost saving

**£12,975.75**



Lifetime  
CO<sub>2</sub> reduction

**21.0 T/CO<sub>2</sub>e**







Extended  
warranty

**5 years\***

Energy and maintenance savings based on 50 x StarSpot™ 500 vs 50 x 50W GU10 halogen fittings. Annual usage of 12 hours per day, 365 days per year, over a 5 year period. Energy tariff £0.15 per kWh.

### Outperforms traditional 50W spotlights

- Exceeds 50W halogen light output
- Over 80% energy saving against halogen
- 4000K & 3000K colour temperature options
- 18° and 35° beam angle options available
- Black and white finishes
- 350° rotation and 90° tilt

-  **480 lumens**  
4000K
-  **7W LED**  
Total wattage
-  **69 LpcW**  
Lumens per circuit Watt
-  **5 year**  
Extended warranty\*

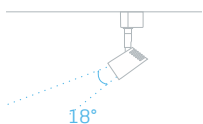
▼ JC14202WH



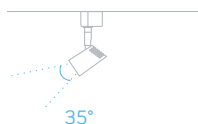
▼ JC14202BLK



Available in two beam angles

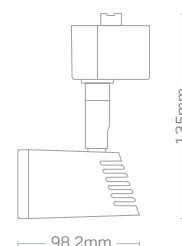


18° for highlighting  
and spotlighting



35° for wider  
light distribution

Colour temperature	Lumens	Total wattage	LpcW	IP rating	Beam angle
4000K	480	7W	69	IP20	18°
3000K	450	7W	65	IP20	18°
4000K	480	7W	69	IP20	35°
3000K	450	7W	65	IP20	35°



### High performance LED spotlights kit

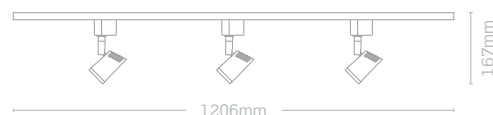
- Track kit includes: 3x StarSpot™ 500 spotlights, 1120mm track section and live end
- 20% greater light output than 50W GUQ0 halogen
- Over 80% energy saving against halogen
- Zero maintenance, no need to relamp
- 35° beam angle
- 350° rotation and 90° tilt

- 💡 480 lumens  
4000K
- ⚡ 7W LED  
Per fitting
- ⌀ 69 LpcW  
Lumens per circuit Watt
- ✓ 5 year  
Extended warranty\*

▼ JC14213WH







Colour temperature	Lumens	Total wattage	LpcW	IP rating
4000K	480	7W (per fitting)	69	IP20





### Outperforms traditional 50W spotlights

- Exceeds 50W halogen light output
- Over 80% energy saving against halogen
- Zero maintenance, no need to relamp
- 4000K & 3000K colour temperature options
- 35° beam angle
- Black and white finishes
- 350° rotation and 90° tilt

-  **480 lumens**  
4000K
-  **7W LED**  
Total wattage
-  **69 LpcW**  
Lumens per circuit Watt
-  **10 year**  
Extended warranty\*

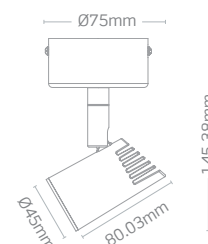
▼ JC14158BLK



▼ JC14158WH



Colour temperature	Lumens	Total wattage	LpcW	IP rating
4000K	480	7W	69	IP20
3000K	450	7W	65	IP20



# STARSPOT™ 500 SURFACE

## TRIPLE BAR

- Exceeds 50W halogen light output
- Over 80% energy saving against halogen
- Zero maintenance, no need to relamp
- 4000K & 3000K colour temperature options
- 35° beam angle
- White and satin chrome finishes
- 350° rotation and 90° tilt

- 💡 **480 lumens**  
4000K
- ⚡ **7W LED**  
Per fitting
- ⌀ **69 LpcW**  
Lumens per circuit Watt
- ✓ **10 year**  
Extended warranty\*

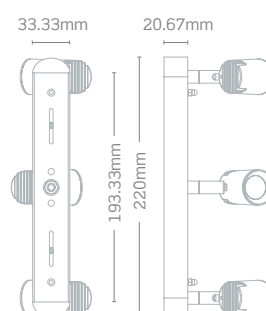
▼ JC14160WH



▼ JC14160SCH







Colour temperature	Lumens	Total wattage	LpcW	IP rating
4000K	480	7W (per fitting)	69	IP20



# STARSPOT™ 500 SURFACE

## TRIPLE PLATE

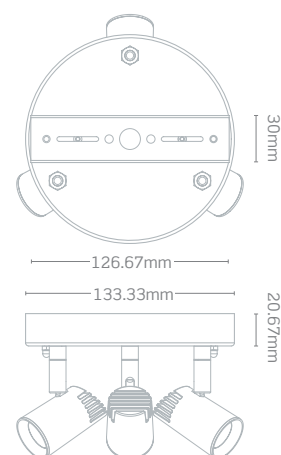
- Exceeds 50W halogen light output
- Over 80% energy saving against halogen
- Zero maintenance, no need to relamp
- 4000K & 3000K colour temperature options
- 35° beam angle
- White and satin chrome finishes
- 350° rotation and 90° tilt

-  **480 lumens**  
4000K
-  **7W LED**  
Per fitting
-  **69 LpcW**  
Lumens per circuit Watt
-  **10 year**  
Extended warranty\*

⬇ JC14158WH



Colour temperature	Lumens	Total wattage	LpcW	IP rating
4000K	480	7W (per fitting)	69	IP20
3000K	450	7W (per fitting)	63	IP20



### High performance LED spotlights

- Life long consistent colour rendering
- No UV, ideal for retail application
- High performance COB LED module
- Instant start up, no warm up time
- Zero maintenance, no need to relamp
- 40° beam angle

- 💡 1000 lumens  
4000K
- ⚡ 15W LED  
Total wattage
- ⌀ 67 LpcW  
Lumens per circuit Watt
- ✓ 5 year  
Extended warranty\*

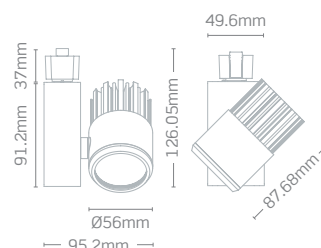
⬇ JC14155WH



⬇ JC14155BLK




Colour temperature	Lumens	Total wattage	LpcW	IP rating
4000K	1000	15W	67	IP20
3000K	900	15W	60	IP20



### High performance LED spotlights

- Life long consistent colour rendering
- No UV, ideal for retail application
- High performance COB LED module
- Instant start up, no warm up time
- Zero maintenance, no need to relamp
- 40° beam angle

 **1500 lumens**  
4000K

 **20W LED**  
Total wattage

 **75 LpcW**  
Lumens per circuit Watt

 **5 year**  
Extended warranty\*

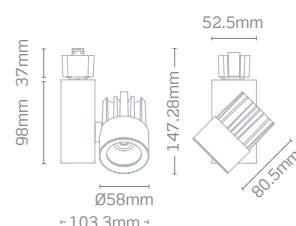
 **JC14156WH**



 **JC14156BLK**



Colour temperature	Lumens	Total wattage	LpcW	IP rating
4000K	1500	20W	75	IP20
3000K	1300	20W	65	IP20



### High performance LED spotlights

- Exceeds 35W CDM light output
- Up to 88 lumens per circuit Watt
- Zero maintenance, no need to relamp
- No UV and virtually no radiated heat
- Instant start up, no warm up time

- 💡 3000 lumens  
4000K
- ⚡ 34W LED  
Total wattage
- ⌀ 88 LpcW  
Lumens per circuit Watt
- ✓ 5 year  
Extended warranty\*

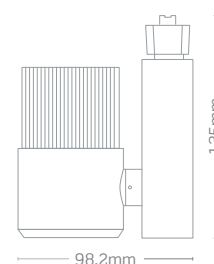
⌵ JC14200WH



⌵ JC14200BLK



Colour temperature	Lumens	Total wattage	LpcW	IP rating	Beam angle
4000K	3000	34W	88	IP20	15°
3000K	2800	34W	82	IP20	15°
4000K	3000	34W	88	IP20	38°
3000K	2800	34W	82	IP20	38°

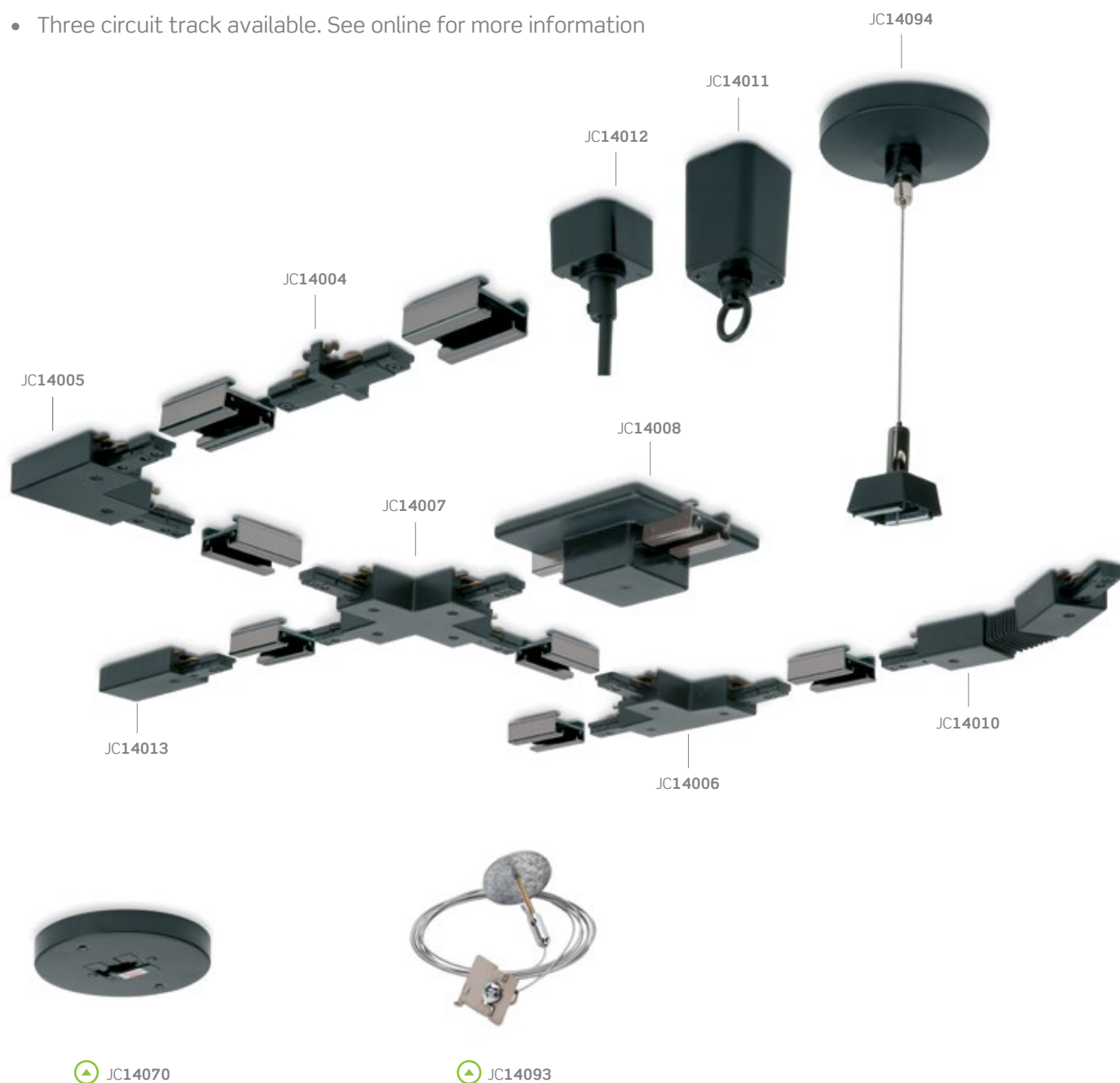




# SINGLE CIRCUIT TRACK ACCESSORIES

## Accessories and connections

- Three circuit track available. See online for more information



Code	Description
JC14004	Track connector with power
JC14005	Right angle (L) & straight connector with power feed
JC14006	T connector
JC14007	4 way connector
JC14008	Power feed for track centre
JC14009	Power feed at track end with conduit entry
JC14010	Flexible connector

Code	Description
JC14011	Adaptor to suspend pendants from track (5amp max)
JC14012	Adaptor to provide power from track to pendants etc (1m flex - 5amp max)
JC14013	Power feed at track end
JC14094	Wire suspension kit (2m)
JC14070	Surface adaptor for mainline fittings
JC14093	Suspension kit for suspended ceilings

## STARSPOT™ 500

Code	Description	Colour Temp.	LED	Lumens	Beam
JC14202	StarSpot™ 500	3000K	7W	450	35°
JC14203	StarSpot™ 500	4000K	7W	480	35°
JC14206	StarSpot™ 500	3000K	7W	450	18°
JC14207	StarSpot™ 500	4000K	7W	480	18°
JC14213	StarSpot™ 500 Track Kit	4000K	7W (per fitting)	480	35°
JC14158	StarSpot™ 500 Surface - Single	4000K	7W	480	35°
JC14159	StarSpot™ 500 Surface - Single	3000K	7W	450	35°
JC14160	StarSpot™ 500 Surface - Triple Bar	4000K	7W (per fitting)	480	35°
JC14161	StarSpot™ 500 Surface - Triple Bar	3000K	7W (per fitting)	450	35°
JC14162	StarSpot™ 500 Surface - Triple Plate	4000K	7W (per fitting)	480	35°
JC14163	StarSpot™ 500 Surface - Triple Plate	3000K	7W (per fitting)	450	35°

## STARSPOT™ 1000

Code	Description	Colour Temp.	LED	Lumens	Beam
JC14155	StarSpot™ 1000	4000K	15W	1000	40°
JC14154	StarSpot™ 1000	3000K	15W	900	40°

## STARSPOT™ 1500

Code	Description	Colour Temp.	LED	Lumens	Beam
JC14156	StarSpot™ 1500	4000K	20W	1500	40°
JC14157	StarSpot™ 1500	3000K	20W	1300	40°

## STARSPOT™ 3000

Code	Description	Colour Temp.	LED	Lumens	Beam
JC14200	StarSpot™ 3000	3000K	34W	2800	38°
JC14201	StarSpot™ 3000	4000K	34W	3000	38°
JC14204	StarSpot™ 3000	3000K	34W	2800	15°
JC14205	StarSpot™ 3000	4000K	34W	3000	15°

## Single circuit track accessories

Code	Description	Code	Description
JC14004	Track connector with power	JC14010	Flexible connector
JC14005	Right angle (L) & straight connector with power feed	JC14011	Adaptor to suspend pendants from track (5amp max)
JC14006	T connector	JC14012	Adaptor to provide power from track to pendants etc (1m flex - 5amp max)
JC14007	4 way connector	JC14013	Power feed at track end
JC14008	Power feed at track centre	JC14094	Wire suspension kit (2m)
JC14009	Power feed at track end with conduit entry	JC14070	Surface adaptor for mainline fittings
		JC14093	Suspension kit for suspended ceilings

Single circuit track available in black, silver and white finishes. Three circuit track also available. See online for more information .

### LED

4000K CRI:Ra (85)  
3000K CRI:Ra (85)

### Construction

Body - die-cast aluminium



sales@jcc.co.uk | 01243 838999 | @jcclighting | jcc.co.uk



## Calculate your cost savings

Download JCC's free cost saving app to see how much money you could save by using any StarSpot™ fitting.

Simply enter the number of fittings that you require and see your precise energy reduction and cost savings.



JCC's cost saving app is available for free on both iOS & Android devices.

### JCC Lighting Products Ltd

Innovation Centre, Beeding Close,  
Southern Cross Trading Estate,  
Bognor Regis, West Sussex PO22 9TS

© JCC Lighting Products Ltd 2015  
LIT0074 Version 2