FIRE PROTECTION

LED 10 Watt COB Downlight
LED 10 Watt COB Tilt Downlight
Fire Rated Improvements Intro
Fire Rated Standard GU10 Range
GU10 Fire rated Downlight
LED Fire rated SMD Downlight
LED Fire rated COB Downlight
Fire Rated GU10 c/w Detachable Trims
Fire Rated GU10 Economy
Fire Hoods (60 Minute)

מגדל אור
הנדסת תאורה

www.migdal-or.org

🔥 10W COB LED Fire Rated Luminaire

LED Driver

White   Brushed Chrome   Chrome

FRLED

10W 240V LED dimmable light source luminaire (36º beam angle - 60º beam angle to order).

CODE	WATTAGE	LIGHT SOURCE	COLOUR TEMP.	DEPTH	OVERALL DIA.	CUT OUT	FINISHES (TRIMS)	IP RATING	CLASS
FRLEDW3	10W	LED	3000K	71mm	ø85mm	ø67mm	White	IP65	II
FRLEDC3	10W	LED	3000K	71mm	ø85mm	ø67mm	Chrome	IP65	II
FRLEDBC3	10W	LED	3000K	71mm	ø85mm	ø67mm	Br/Chrome	IP65	II
FRLEDW5	10W	LED	5000K	71mm	ø85mm	ø67mm	White	IP65	II
FRLEDC5	10W	LED	5000K	71mm	ø85mm	ø67mm	Chrome	IP65	II
FRLEDBC5	10W	LED	5000K	71mm	ø85mm	ø67mm	Br/Chrome	IP65	II

FEATURES

- Suitable For All Applications
- High Output 620 lm (3000K) 690 lm (5000k)
- Simplistic, Modular Construction
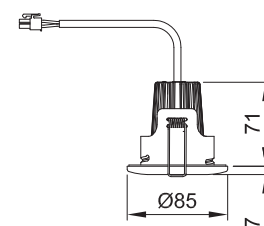- 30, 60 & 90 Minute Compliant

APPROVALS

- BS476
- Part "B" "C" "E"

TEST ACCREDITATION

TO ORDER -
3 VERSIONS AVAILABLE
5W, 10W & 12W

71
Ø85
7

🔥 10W COB LED Fire Rated Tilt Luminaire

LED Driver

White   Brushed Chrome   Chrome

S10080

10W LED fire rated tilt downlight.

SPECIFICATION

Wattage	10W
Light Source	LED (COB)
Lumen	620 lm (3000K)
	690 lm (5000k)
Colour Temp.	4000K & 5000K
Beam Angle	36º & 60º
IP Rating	IP65
Average Life	50,000 Hours
Class	I
Tilt Angle	15º

SIZE

Depth:	85mm
Overall ø:	94mm
Cut Out ø:	78mm

FINISHES (TRIMS)

White

Matt White

Chrome

Brushed Chrome

APPROVALS

■ BS476

■ Part "B" "C" "E"

FEATURES

■ Detachable Front Trims

■ Complete with LED Driver

■ Complete with Insulation Separator

TO ORDER - 3 VERSIONS AVAILABLE
5W, 10W & 12W

TEST ACCREDITATION

85

Ø94

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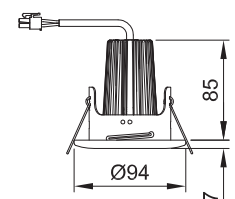
🔥 Fire Rated Downlights

Complete with Unique Fire Break Mechanism

GU10 FIRE RATED VARIANTS

NEW IMPROVED FEATURES

- ■ Matt Black Can
- ■ Loop in / loop out connector
- ■ Colour coded mains cables
- ■ Uprated mains terminations
- ■ Screw fixed terminal cover
- ■ Revised silicone gasket
- ■ Easy release (through cabling system)
- ■ Uprated cables
- ■ Revised earth point

IMPROVED QUALITY

- ■ Improved spring quality
- ■ Improved quality of firebreak mechanism
- ■ B type screws
- ■ Improved finish

Manufactured & Tested to: BSEN60598-1
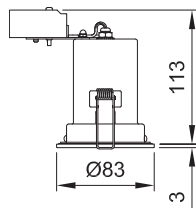30,60 & 90 Minute Compliant

TEST ACCREDITATION warringtonfire global safety

UKAS TESTING

🔥 Fire Protection Mains Downlights 🇬🇧

FRGU10FN

Mains fixed twist lock fire rated downlight.

SPECIFICATION	
Wattage	50W Max
Lamp Type	GU10
Lamp Inc.	Yes
IP Rating	IP20
Class	I

SIZE

Depth: 113mm

Overall ø: 83mm

Cut Out ø: 70mm

FINISHES

White

Brushed Chrome
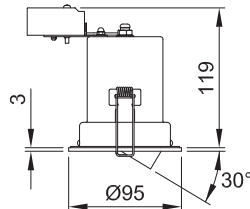
Polished Chrome

FRGU10TN

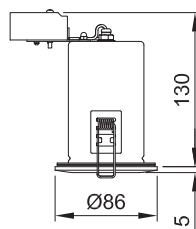Mains tilt twist lock fire rated downlight.

SPECIFICATION	
Wattage	50W Max
Lamp Type	GU10
Lamp Inc.	Yes
IP Rating	IP20
Class	I

SIZE

Depth: 119mm

Overall ø: 95mm

Cut Out ø: 83mm

FINISHES

White

Brushed Chrome

Polished Chrome

FRIP65GU10N

Mains shower/bathroom fire rated downlight.

SPECIFICATION	
Wattage	35W Max
Lamp Type	GU10
Lamp Inc.	Yes
IP Rating	IP65
Class	I

SIZE

Depth: 130mm

Overall ø: 86mm

Cut Out ø: 73mm

FINISHES

White

Brushed Chrome

Polished Chrome

FRIP65GU10N

GU10 Fire Rated Downlight

GU10

Matt White

Brushed Nickel

Chrome

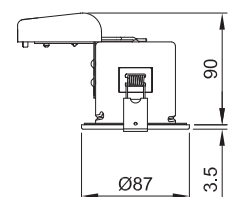## GU10 FIRE RATED
Mains GU10 fire rated downlight c/w detachable fronts.

CODE	WATTAGE	LIGHT SOURCE	VOLTAGE	IP	CUT OUT
SL1148	Lamp not supplied	GU10 cap / LED / Halogen (Max. 50W)	240V 50Hz	IP20	ø72mm
SL1149	Lamp not supplied	GU10 cap / LED / Halogen (Max. 50W)	240V 50Hz	IP65	ø72mm

FEATURES:

- Screwless terminal block and housing
- Fire rated (30, 60 & 90 minutes)
- Loop in / loop out
- Push fit terminations, for fast wiring

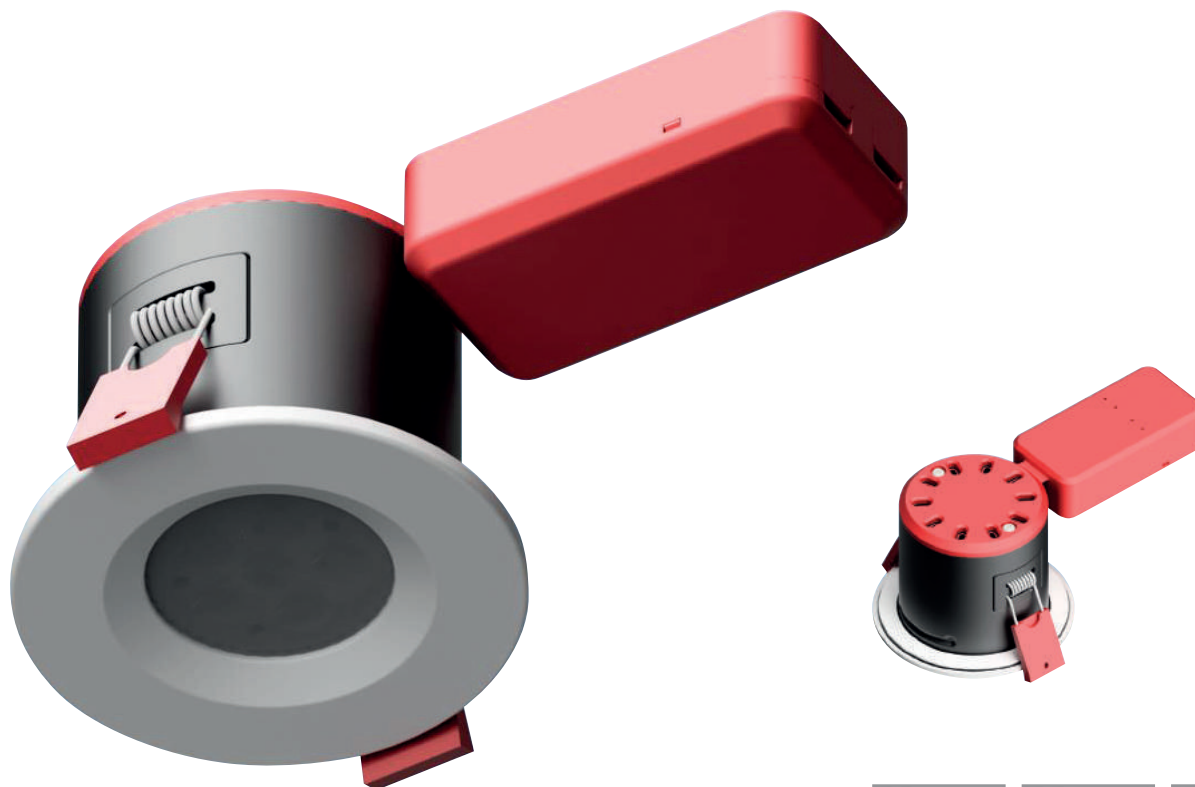**FINISHES:**

- Matt White
- Brushed Nickel
- Chrome

90

Ø87

3.5

🔥 SMD Fire Rated Downlight 🇬🇧

LED

Matt White   Brushed Nickel   Chrome

SMD FIRE RATED
SMD fire rated enclosed downlight.

CODE	WATTAGE	LIGHT SOURCE	COLOUR TEMP.	CRI	LUMEN OUTPUT	DIMMABLE	CUT OUT
SL1142	4W	SMD LED	3000K	Ra(80)	350 lm	No	ø72mm
SL1143	7W	SMD LED	4000K	Ra(80)	630 lm	Yes	ø72mm

FEATURES:
- Fire rated (30, 60 & 90 minutes)
- Suitable for low ceiling voids
- Detachable die cast front trims
- SMD light source
- Zero maintenance
- Loop in / loop out

FINISHES:
- Matt White
- Brushed Nickel
- Chrome

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3.5
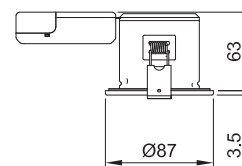
🔥 COB Fire Rated Downlight 🇬🇧

LED

COB FIRE RATED
COB fire rated enclosed downlight.

Matt White   Brushed Nickel   Chrome

CODE	WATTAGE	LIGHT SOURCE	COLOUR TEMP.	CRI	LUMEN OUTPUT	DIMMABLE	CUT OUT
S10069 (WW)	6W	COB LED	3000K / 4000K	Ra(80)	550 lm	Yes	ø72mm

FEATURES:

- Fire rated (30, 60 & 90 minutes)
- COB light source
- Zero maintenance
- Loop in / loop out
- Push fit terminations, for fast wiring
- Integrated LED driver

FINISHES:

- Chrome
- Brushed Nickel
- White Gloss
- White Satin

90.7

Ø90

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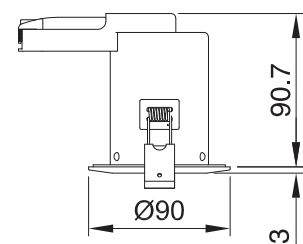
🔥 GU10 Fire Rated Downlight

| White | Brushed Chrome | Chrome |

S10100

Mains GU10 fire rated downlight c/w detachable fronts.

CODE	WATTAGE	LIGHT SOURCE	CUT OUT
S10100	Lamp not supplied	GU10 cap / LED / Halogen (Max 50W)	ø72mm

FEATURES:

- Fire rated (30, 60 & 90 minutes)
- Detachable trims
- Detachable connector bracket
- Loop in / loop out

FINISHES:

- Chrome
- Brushed Nickel
- White Gloss
- White Satin

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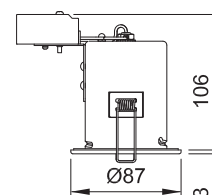
🔥 GU10 ECO Fire Rated Downlight

LED

White   Brushed Chrome   Chrome

## GU10 ECO

Mains IP65 GU10 economic fire rated downlight.

CODE	WATTAGE	LIGHT SOURCE	COLOUR TEMP.	CRI	LUMEN OUTPUT	BEAM ANGLE	CUT OUT
S10095	6W	COB GU10 LED	3000K /4000K	Ra(80)	380lm	36° or 60°	ø67mm
S10096	9W	COB GU10 LED	3000K /4000K	Ra(80)	520lm	36° or 60°	ø67mm

FEATURES:

- Easy to install
- 20,000 hours average life
- Low maintenance

FINISHES:

- Chrome
- Brushed Nickel
- White Gloss
- White Satin

125

Ø85

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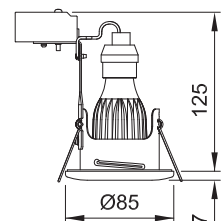
Fire Hoods

60 Minutes Fire Protection

Intumescent cable entry holes

FIRE HOODS

Luminaire fire hoods required when installing into a fire break ceiling. Provides protection to combustable ceiling void materials. Meets BS476: Part21:1987.

CODE	SIZE	FIRE PROTECTION	FINISH	CONSTRUCTION
FH150	150 x 150 x 150mm	60 minutes	Red or White	Heat resistant material
S85039	250 x 250 x 250mm	60 minutes	Red or White	Heat resistant material
S85040	350 x 350 x 210mm	60 minutes	Red or White	Heat resistant material

Any sizes can be made to order.

FEATURES:

- Heat resistance fire proof material
- Intumescent cable entry
- Strong construction
- Easy installation