

**GRID DOWNLIGHTS  
& ANTI-GLARE LED LAMPS**



# GRID DOWNLIGHTS

Grid downlights are ideal for rooms with high ceilings or those that require additional lighting. They are available as single units or in multiples. Their adjustability makes them perfect for focusing light on specific areas, such as worktops and artwork. These downlights are available in plaster-in trimless or trimmed options.

You can also choose from different lamp types, depending on the amount of light you require. We offer a wide range of LED lamps to complement these fittings, suitable for both residential and commercial projects. These lamps provide a high lumen output, beautifully illuminating and transforming any space. In this book, we have outlined the various lamps available to help you choose the best option for your project.

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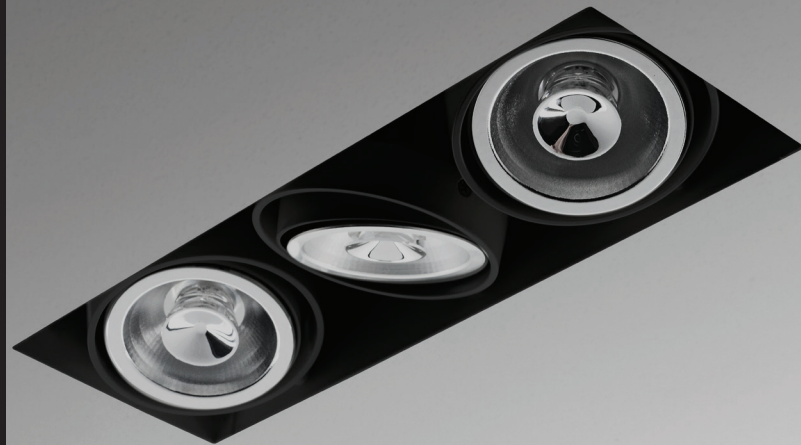
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# Key Features



AVAILABLE IN TRIMLESS OR TRIMMED VERSIONS



ANGLE IN ANY DIRECTION TO DIRECT LIGHT WHEREVER REQUIRED



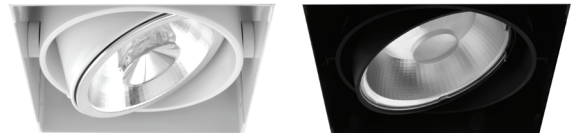
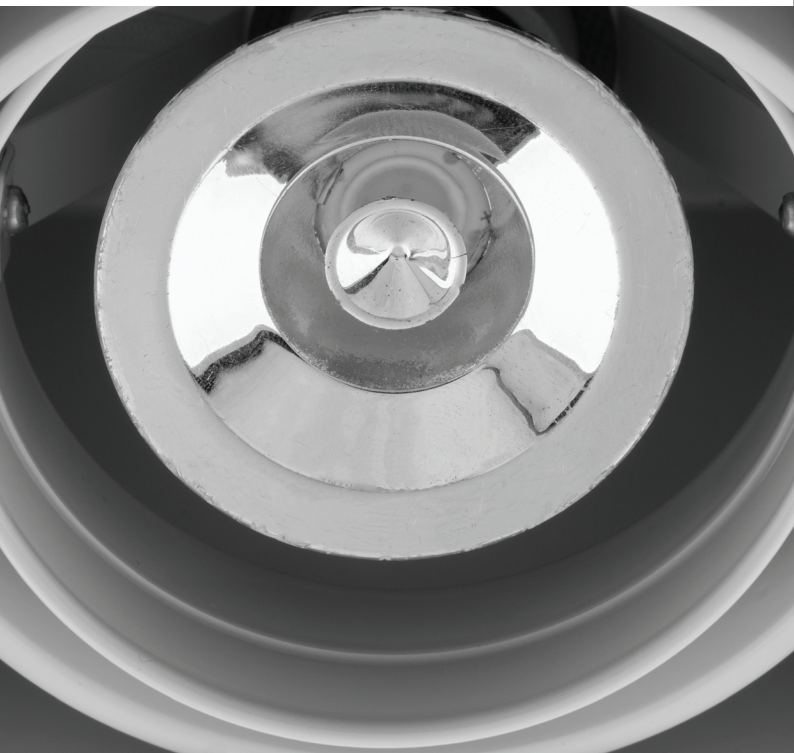
LARGE RANGE OF PROFESSIONAL QUALITY DIMMABLE LED LAMPS DESIGNED TO FIT DOWNLIGHTS



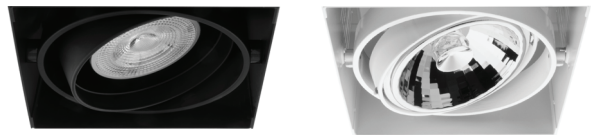




**ANTI-GLARE DOWNLIGHTS,  
AVAILABLE IN A VARIETY OF SIZES**



**AVAILABLE IN WHITE OR BLACK**



**AVAILABLE IN MAINS VOLTAGE  
OR LOW VOLTAGE**



**DALI LED LAMPS AVAILABLE FOR  
TOTAL CONTROL, INCLUDING  
INDIVIDUAL DIMMING**







01



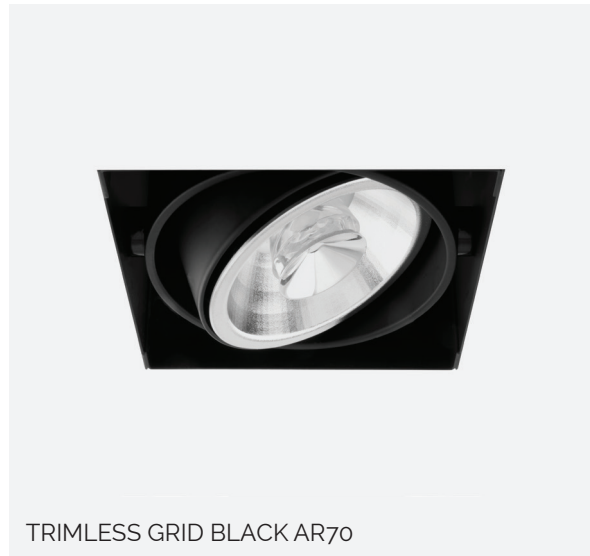
# GRID DOWNLIGHTS GU10 & AR70





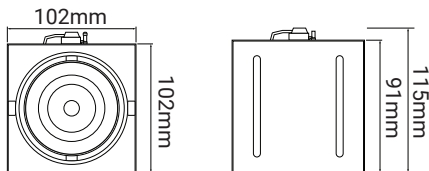


# Trimless Grid Single | GU10 & AR70



## Adjustable Single - GU10 / AR70 240V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT100SGU10 WHT	WHITE	GU10	240V	50W	IP20	45°	45°
FRT100SGU10 BLK	BLACK	GU10	240V	50W	IP20	45°	45°



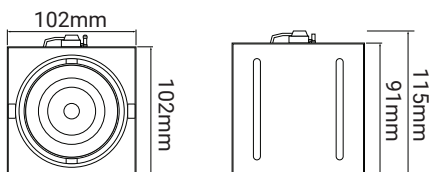
cutout - 109 x 109mm

### Compatible Lamps

- A. Reality GU10 Retro *Page 25*
- B. Dim to Warm GU10 Retro *Page 25*
- C. Focus GU10 *Page 25*
- D. Reality GU10/AR70 *Page 25*

## Adjustable Single - AR70 / SBC 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT100 QR70 WHT	WHITE	SBC/AR70	12V	50W	IP20	45°	45°
FRT100 QR70 BLK	BLACK	SBC/AR70	12V	50W	IP20	45°	45°



cutout - 109 x 109mm

### Compatible Lamps

- G. Reality AR70 with Driver *Page 27*
- H. Dim to Warm AR70 with Driver *Page 27*
- I. Series 2 AR70 with driver *Page 27*

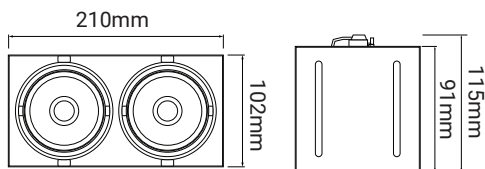
For Fire-rating, use Fire Hood : FRT100 MR16HOOD

# Trimless Grid Double | GU10 & AR70



## Adjustable Double - GU10 240V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT200SGU10 WHT	WHITE	GU10	240V	2x50W	IP20	45°	45°
FRT200SGU10 BLK	BLACK	GU10	240V	2x50W	IP20	45°	45°



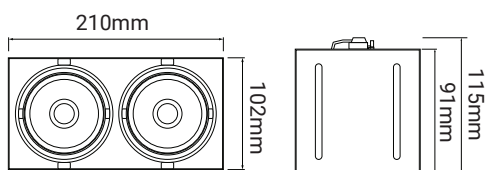
cutout - 220 x 112mm

### Compatible Lamps

- A. Reality GU10 Retro *Page 25*
- B. Dim to Warm GU10 Retro *Page 25*
- C. Focus GU10 *Page 25*
- D. Reality GU10/AR70 *Page 25*

## Adjustable Double - AR70 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT200 QR70 WHT	WHITE	SBC/AR70	12V	2x50W	IP20	45°	45°
FRT200 QR70 BLK	BLACK	SBC/AR70	12V	2x50W	IP20	45°	45°



cutout - 220 x 112mm

### Compatible Lamps

- G. Reality AR70 with Driver *Page 27*
- H. Dim to Warm AR70 with Driver *Page 27*
- I. Series 2 AR70 with driver *Page 27*

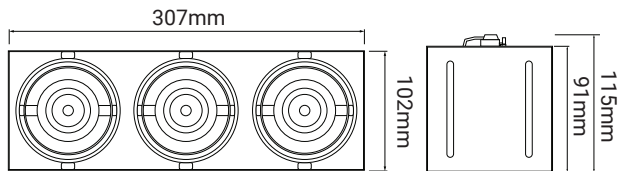


# Trimless Grid Triple | GU10 & AR70



## Adjustable Triple - GU10 240V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT300SGU10 WHT	WHITE	GU10	240V	3x50W	IP20	45°	45°
FRT300SGU10 BLK	BLACK	GU10	240V	3x50W	IP20	45°	45°



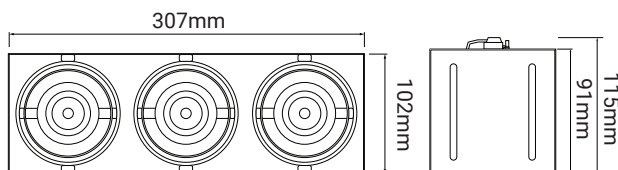
cutout - 316 x 112mm

### Compatible Lamps

- A. Reality GU10 Retro *Page 25*
- B. Dim to Warm GU10 Retro *Page 25*
- C. Focus GU10 *Page 25*
- D. Reality GU10/AR70 *Page 25*

## Adjustable Triple - AR70 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT300 QR70 WHT	WHITE	SBC/AR70	12V	3x50W	IP20	45°	45°
FRT300 QR70 BLK	BLACK	SBC/AR70	12V	3x50W	IP20	45°	45°



cutout - 316 x 112mm

### Compatible Lamps

- G. Reality AR70 with Driver *Page 27*
- H. Dim to Warm AR70 with Driver *Page 27*
- I. Series 2 AR70 with driver *Page 27*

For Fire-rating, use Fire Hood : FRT300 MR16HOOD

# Trimless Grid Quadruple | SBC/AR70



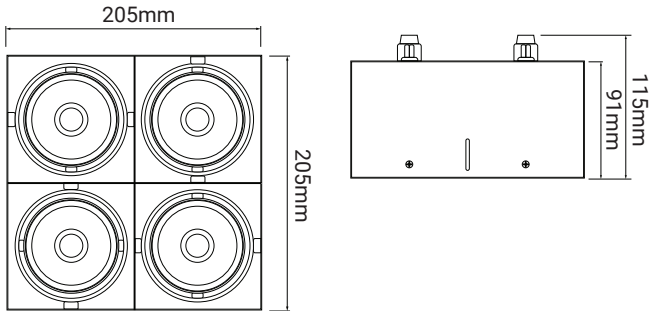
TRIMLESS GRID WHITE



TRIMLESS GRID BLACK

## Adjustable Quadruple - AR70 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT400 QR70 WHT	WHITE	SBC/AR70	12V	4x50W	IP20	45°	45°
FRT400 QR70 BLK	BLACK	SBC/AR70	12V	4x50W	IP20	45°	45°



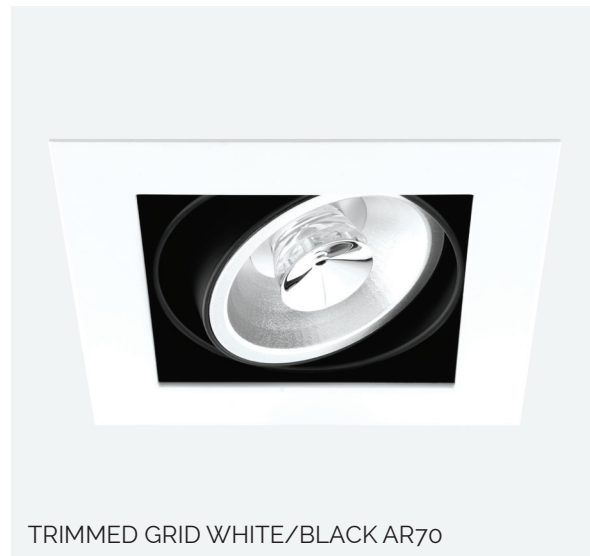
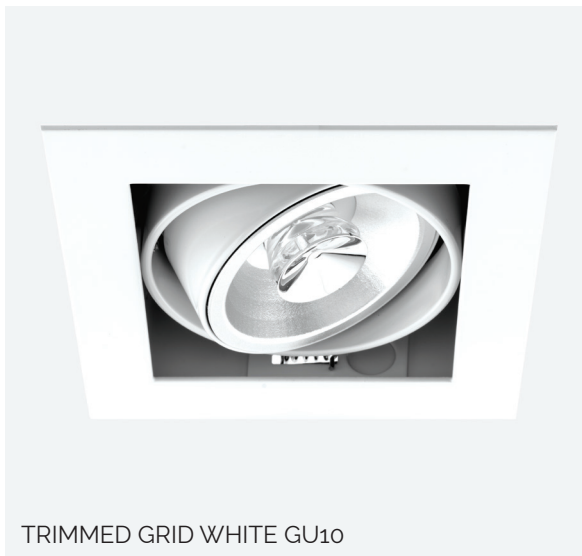
cutout - 220 x 112mm

### Compatible Lamps

- G. Reality AR70 with Driver Page 27
- H. Dim to Warm AR70 with Driver Page 27
- I. Series 2 AR70 with driver Page 27

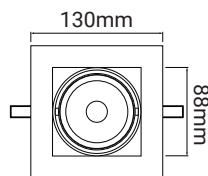


# Trimmed Grid Single | GU10 & AR70

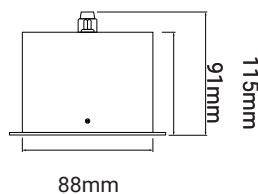


## Adjustable Single - GU10 240V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FR100SGU10 W/W	WHITE	GU10	240V	50W	IP20	45°	45°
FR100SGU10 W/B	WHITE/BLACK	GU10	240V	50W	IP20	45°	45°



cutout - 115 x 115mm



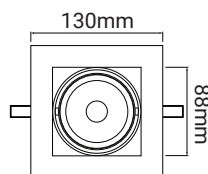
88mm

### Compatible Lamps

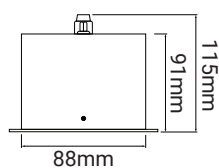
- A. Reality GU10 Retro *Page 25*
- B. Dim to Warm GU10 Retro *Page 25*
- C. Focus GU10 *Page 25*
- D. Reality GU10/AR70 *Page 25*

## Adjustable Single - AR70 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FR100 QR70 WH/WH	WHITE	SBC/AR70	12V	50W	IP20	45°	45°
FR100 QR70 WH/BL	WHITE/BLACK	SBC/AR70	12V	50W	IP20	45°	45°



cutout - 115 x 115mm



88mm

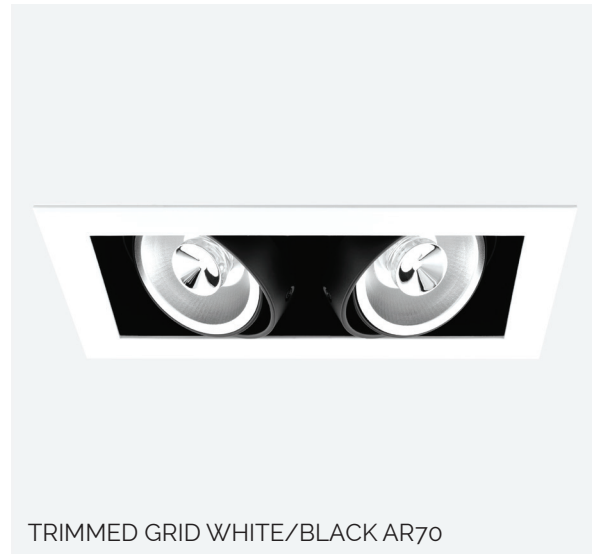
### Compatible Lamps

- G. Reality AR70 with Driver *Page 27*
- H. Dim to Warm AR70 with Driver *Page 27*
- I. Series 2 AR70 with driver *Page 27*

# Trimmed Grid Double | GU10 & AR70



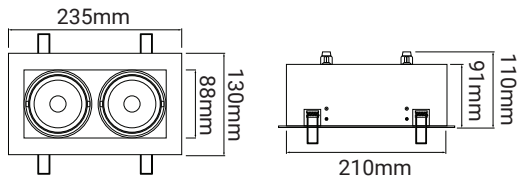
TRIMMED GRID WHITE GU10



TRIMMED GRID WHITE/BLACK AR70

## Adjustable Double - GU10 240V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FR200SGU10 W/W	WHITE	GU10	240V	2x50W	IP20	45°	45°
FR200SGU10 W/B	WHITE/BLACK	GU10	240V	2x50W	IP20	45°	45°



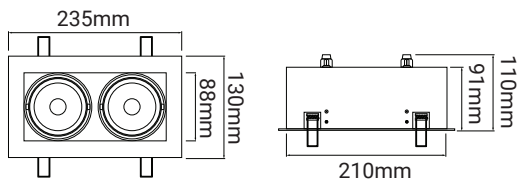
### Compatible Lamps

- A. Reality GU10 Retro *Page 25*
- B. Dim to Warm GU10 Retro *Page 25*
- C. Focus GU10 *Page 25*
- D. Reality GU10/AR70 *Page 25*

cutout - 215 x 110mm

## Adjustable Double - AR70 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FR200 QR70 WH/WH	WHITE	SBC/AR70	12V	2x50W	IP20	45°	45°
FR200 QR70 WH/B	WHITE/BLACK	SBC/AR70	12V	2x50W	IP20	45°	45°

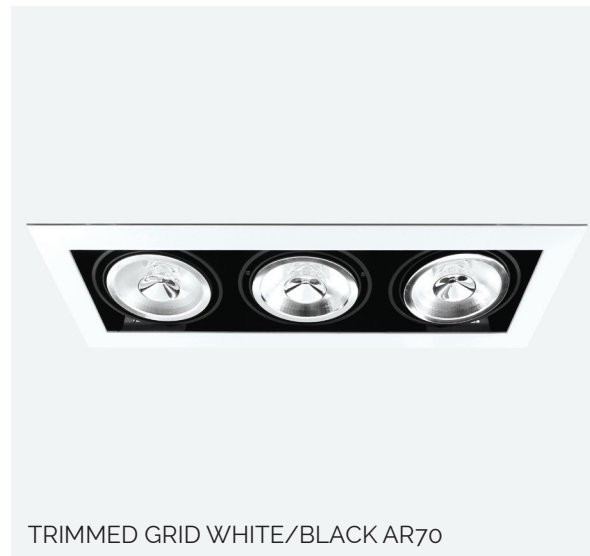
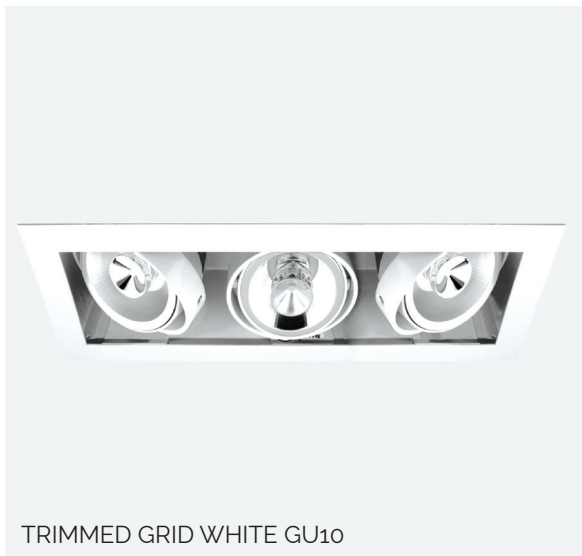


### Compatible Lamps

- G. Reality AR70 with Driver *Page 27*
- H. Dim to Warm AR70 with Driver *Page 27*
- I. Series 2 AR70 with driver *Page 27*

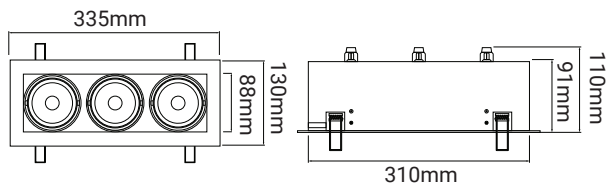
cutout - 215 x 110mm

# Trimmed Grid Triple | GU10 & AR70



## Adjustable Triple - GU10 240V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FR300SGU10 WH/WH	WHITE	GU10	240V	3x50W	IP20	45°	45°
FR300SGU10 WH/BL	WHITE/BLACK	GU10	240V	3x50W	IP20	45°	45°



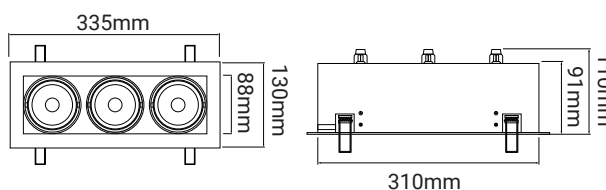
cutout - 310 x 110mm

### Compatible Lamps

- A. Reality GU10 Retro *Page 25*
- B. Dim to Warm GU10 Retro *Page 25*
- C. Focus GU10 *Page 25*
- D. Reality GU10/AR70 *Page 25*

## Adjustable Triple - AR70 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FR300 QR70 WH/WH	WHITE	SBC/AR70	12V	3x50W	IP20	45°	45°
FR300 QR70 WH/BL	WHITE/BLACK	SBC/AR70	12V	3x50W	IP20	45°	45°



cutout - 310 x 110mm

### Compatible Lamps

- G. Reality AR70 with Driver *Page 27*
- H. Dim to Warm AR70 with Driver *Page 27*
- I. Series 2 AR70 with driver *Page 27*

For Fire-rating, use Fire Hood : FRT300 MR16HOOD





# GRID DOWNLIGHTS **GU10/ES111 & AR111**







Trimless Grid Downlights with Optic Lamps

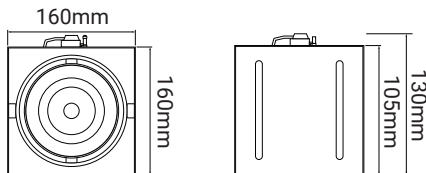


# Trimless Grid Single | GU10/ES111 & AR111



## Adjustable Single - GU10/ES111 240V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT100LGU10 WHT	WHITE	GU10	240V	75W	IP20	45°	45°
FRT100LGU10 BLK	BLACK	GU10	240V	75W	IP20	45°	45°



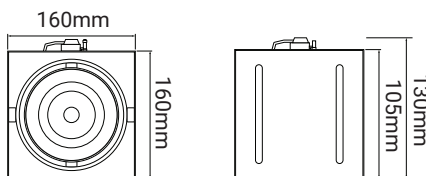
cutout - 167 x 167mm

### Compatible Lamps

E. Reality GU10/ES111	Page 26
F. Optic GU10/ES111	Page 26

## Adjustable Single - AR111 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT100 QR111 WHT	WHITE	G53/AR111	12V	75W	IP20	45°	45°
FRT100 QR111 BLK	BLACK	G53/AR111	12V	75W	IP20	45°	45°



cutout - 167 x 167mm

### Compatible Lamps

J. Reality AR111 with Driver	Page 28
K. Reality AR111 Dali with Driver	Page 28
L. Dim to Warm AR111 with Driver	Page 28
M. Series 2 AR111 with driver	Page 29
N. Optic 2 AR111 with driver	Page 29
O. Optic 2 AR111 Dali with driver	Page 29
P. RGBW AR111 Module	Page 30
Q. Tunable White AR111 Module	Page 30

For Fire-rating, use Fire Hood : FRT100 QR111HOOD

# Trimless Grid Double | GU10/ES111 & AR111



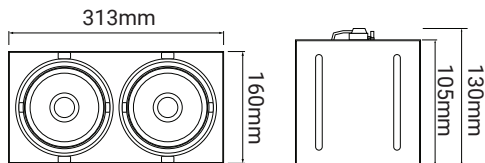
TRIMLESS GRID WHITE GU10/ES111



TRIMLESS GRID BLACK AR111

## Adjustable Double - GU10/ES111 240V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT200LGU10 WHT	WHITE	GU10/AR111	240V	2x50W	IP20	45°	45°
FRT200LGU10 BLK	BLACK	GU10/AR111	240V	2x50W	IP20	45°	45°



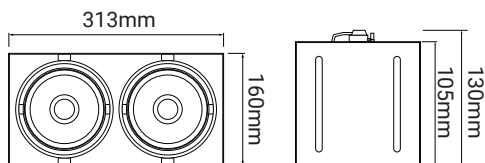
cutout - 320 x 167mm

### Compatible Lamps

- E. Reality GU10/ES111 *Page 26*
- F. Optic GU10/ES111 *Page 26*

## Adjustable Double - AR111 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT200 QR111 WHT	WHITE	G53/AR111	12V	2x50W	IP20	45°	45°
FRT200 QR111 BLK	BLACK	G53/AR111	12V	2x50W	IP20	45°	45°



cutout - 320 x 167mm

### Compatible Lamps

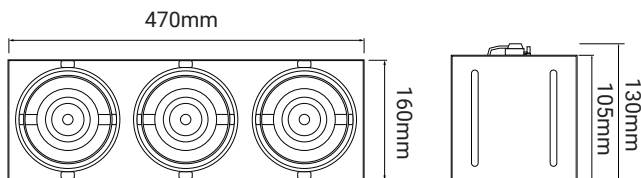
- J. Reality AR111 with Driver *Page 28*
- K. Reality AR111 Dali with Driver *Page 28*
- L. Dim to Warm AR111 with Driver *Page 28*
- M. Series 2 AR111 with driver *Page 29*
- N. Optic 2 AR111 with driver *Page 29*
- O. Optic 2 AR111 Dali with driver *Page 29*
- P. RGBW AR111 Module *Page 30*
- Q. Tunable White AR111 Module *Page 30*

# Trimless Grid Triple | AR111



## Adjustable Triple - AR111 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT300 QR111 WHT	WHITE	G53/AR111	12V	3x50W	IP20	45°	45°
FRT300 QR111 BLK	BLACK	G53/AR111	12V	3x50W	IP20	45°	45°



cutout - 477 x 167mm

### Compatible Lamps

- J. Reality AR111 with Driver *Page 28*
- K. Reality AR111 Dali with Driver *Page 28*
- L. Dim to Warm AR111 with Driver *Page 28*
- M. Series 2 AR111 with driver *Page 29*
- N. Optic 2 AR111 with driver *Page 29*
- O. Optic 2 AR111 Dali with driver *Page 29*
- P. RGBW AR111 Module *Page 30*
- Q. Tunable White AR111 Module *Page 30*

For Fire-rating, use Fire Hood : FRT300 QR111HOOD

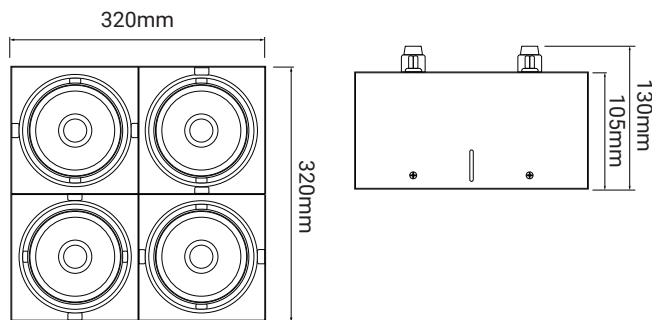


# Trimless Grid Quadruple | AR111



## Adjustable Quadruple - AR111 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FRT400 QR111 WHT	WHITE	G53/AR111	12V	4x50W	IP20	45°	45°
FRT400 QR111 BLK	BLACK	G53/AR111	12V	4x50W	IP20	45°	45°



cutout - 330 x 330mm

### Compatible Lamps

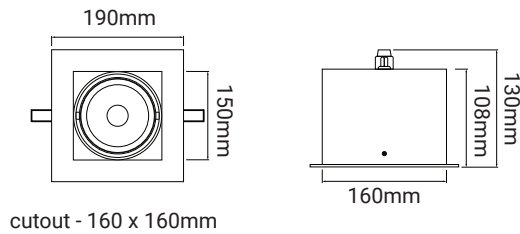
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K. Reality AR111 Dali with Driver	Page 28
L. Dim to Warm AR111 with Driver	Page 28
M. Series 2 AR111 with driver	Page 29
N. Optic 2 AR111 with driver	Page 29
O. Optic 2 AR111 Dali with driver	Page 29
P. RGBW AR111 Module	Page 30
Q. Tunable White AR111 Module	Page 30

# Trimmed Grid Single | AR111



## Adjustable Single - AR111 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FR100 QR111 WH/W	WHITE	G53/AR111	12V	50W	IP20	45°	45°
FR100 QR111 WH/B	WHITE/BLACK	G53/AR111	12V	50W	IP20	45°	45°

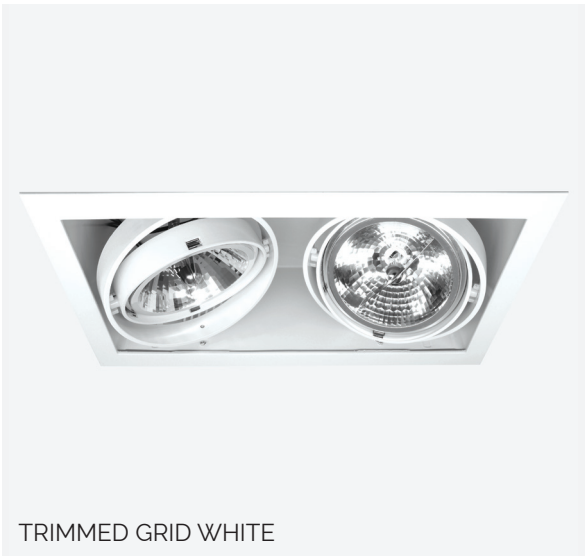


### Compatible Lamps

J. Reality AR111 with Driver	Page 28
K. Reality AR111 Dali with Driver	Page 28
L. Dim to Warm AR111 with Driver	Page 28
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N. Optic 2 AR111 with driver	Page 29
O. Optic 2 AR111 Dali with driver	Page 29
P. RGBW AR111 Module	Page 30
Q. Tunable White AR111 Module	Page 30

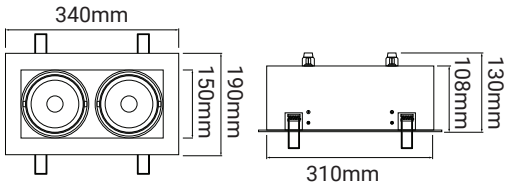
For Fire-rating, use Fire Hood : FRT100 QR111HOOD

# Trimmed Grid Double | AR111



## Adjustable Double - AR111 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FR200 QR111 WH/W	WHITE	G53/AR111	12V	2x50W	IP20	45°	45°
FR200 QR111 WH/B	WHITE/BLACK	G53/AR111	12V	2x50W	IP20	45°	45°



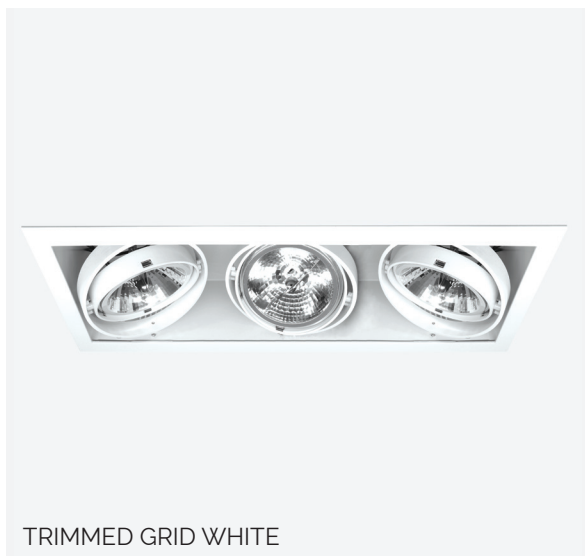
cutout - 315 x 160mm

### Compatible Lamps

- J. Reality AR111 with Driver *Page 28*
- K. Reality AR111 Dali with Driver *Page 28*
- L. Dim to Warm AR111 with Driver *Page 28*
- M. Series 2 AR111 with driver *Page 29*
- N. Optic 2 AR111 with driver *Page 29*
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- P. RGBW AR111 Module *Page 30*
- Q. Tunable White AR111 Module *Page 30*

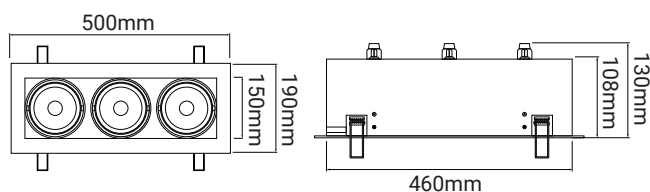


# Trimmed Grid Triple | AR111



## Adjustable Triple - AR111 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FR300 QR111 WH/W	WHITE	G53/AR111	12V	3x50W	IP20	45°	45°
FR300 QR111 WH/B	WHITE/BLACK	G53/AR111	12V	3x50W	IP20	45°	45°



cutout - 470 x 160mm

### Compatible Lamps

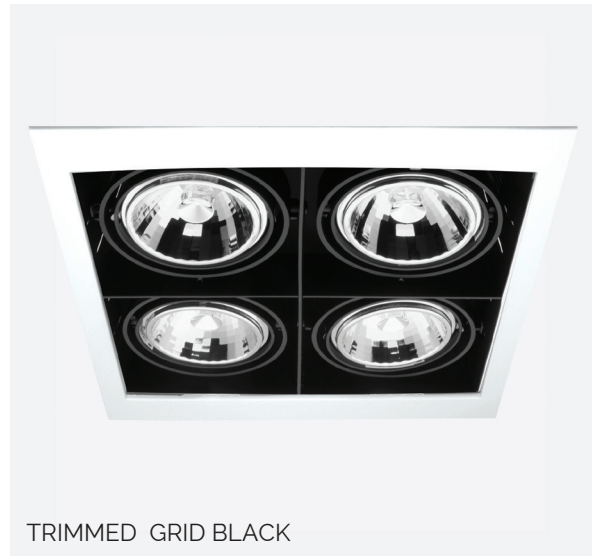
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K. Reality AR111 Dali with Driver	Page 28
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For Fire-rating, use Fire Hood : FRT300 QR111HOOD

# Trimmed Grid Quadruple | AR111



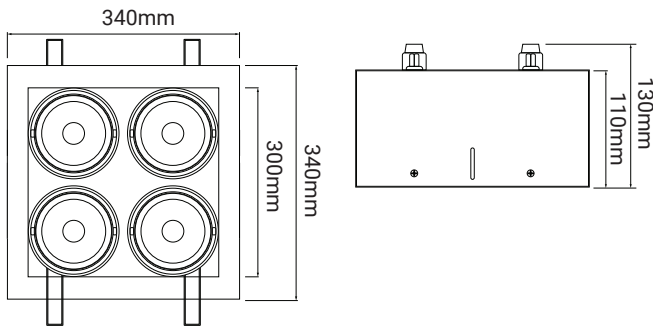
TRIMMED GRID WHITE



TRIMMED GRID BLACK

## Adjustable Quadruple - AR111 12V

Order Code	Colour	Lampholder	Voltage	Wattage	IP Rating	Rotation	Vertical Tilt
FR400 QR111 WH/W	WHITE	G53/AR111	12V	4x50W	IP20	45°	45°
FR400 QR111 WH/B	BLACK	G53/AR111	12V	4x50W	IP20	45°	45°



cutout - 315 x 160mm

### Compatible Lamps

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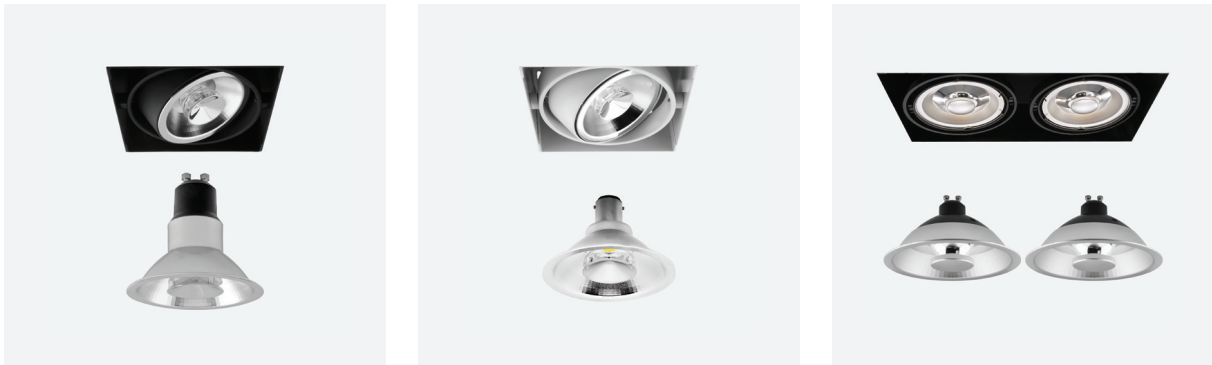
# LED LAMPS

## Dimmable & Anti-Glare





## REALITY LED LAMPS | 2700K/3000K/4000K



The Dimmable Reality LED is an LED lamp that matches a halogen lamp in terms of light source and aesthetics. This is achieved with the use of a single Cree LED chip with a reflector built around it. The result is truly warm and gives that arc of light we are all used to seeing with halogen.

- **Replicates a halogen reflector**
- **LED positioned further back for anti-glare**
- **Fully dimmable with leading and trailing edge dimmers**
- **Lifetime of 25,000 hours**
- **Cree LED**

## REALITY DIM TO WARM LED LAMPS | 3000K-2000K



The Reality Atmosphere Dim to Warm range of lamps emit a warmer light as you dim, to create a more relaxing ambience. The effect known as Warm Dimming does not have anything to do with the actual heat or physical warmth of the bulb, it is when an LED bulb's colour temperature lowers when dimmed. The lower the brightness the warmer the colour

- **Dim to Warm 3000K - 2000K**
- **85% Energy Savings**
- **Long lifespan**
- **High Colour Rendering Index**
- **Anti-Glare**
- **Fully dimmable with leading and trailing edge dimmers**
- **High lumen output**

## SERIES 2 LED LAMPS | 2700K/3000K



The Series 2 LED with driver emits a powerful brightness, making it an ideal choice for various lighting scenarios - from showcasing products in a showroom, highlighting artwork, to creating a warm ambiance at home. With its dimmable functionality, you can effortlessly adjust the lighting to create the ideal ambiance for any setting. Series 2 LED offers a high Colour Rendering Index (CRI) of over 90, ensuring that colours appear vivid and true to life, enhancing the aesthetics of any space.

- **85% Energy Savings**
- **Long lifespan**
- **High lumen output**
- **High Colour Rendering Index**
- **Economical price**
- **Fully dimmable with leading and trailing edge dimmers**

## OPTIC LED LAMPS | 2700K/3000K/4000K



Optic LED lamps come in a variety of beam angles from narrow beam to wide beam. The narrow beam angle is ideal to illuminate areas which require precision lighting such as artwork or ornaments. Wider beams are ideal for general lighting.

The narrow beam versions have a high CRI rating of 92 they produce colours more effectively making it a great for art galleries and retail displays, or any areas where you need the colour of products to appear vibrant.

- **Variety of beam angles**
- **85% Energy Savings**
- **Long lifespan**
- **High Colour Rendering Index**
- **Fully dimmable with leading and trailing edge dimmers**
- **High lumen output**

# GU10 LED Lamps



## Reality GU10 Retro - 50mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
REAL RETRO5 I24D	5W	2700K	500	24°	90	GU10	Yes
REAL RETRO5 W24D	5W	3000K	500	24°	90	GU10	Yes
REAL RETRO5 I45D	5W	2700K	500	45°	90	GU10	Yes
REAL RETRO5 W45D	5W	3000K	500	45°	90	GU10	Yes



## Reality Dim to Warm GU10 Retro - 50mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
3/2 REAL RETRO5W	5W	2800K - 2000K	400	45°	90	GU10	Yes



## Focus GU10 - 50mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
LEDFGU1063K10D	6W	3000K	600	10°	90	GU10	Yes
LEDFGU1062K24D	6W	2700K	600	24°	90	GU10	Yes
LEDFGU1063K24D	6W	3000K	600	24°	90	GU10	Yes
LEDFGU1062K38D	6W	2700K	600	38°	90	GU10	Yes
LEDFGU1063K38D	6W	3000K	600	38°	90	GU10	Yes



Ⓓ



### Reality GU10 / AR70 - 70mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
REAL GU1070 WW15	8W	3000K	680	15°	80	GU10	Yes
REAL GU1070 WW35	8W	3000K	680	35°	80	GU10	Yes

Ⓔ



### Reality GU10/ES111 - 110mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
REAL ES11135D V2	12W	2700K	900	35°	80	GU10	Yes

Ⓕ



### Optic GU10/ES111 - 110mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
OPTIC ES1114D15W	15W	2700K		4°	92	GU10	Yes

# AR70 LED Lamps



## Reality AR70 with Driver - 70mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
REAL AR70 INT 12	8W	2700K	750	12°	80	SBC/AR70	Yes
REAL AR70 WW 12	8W	3000K	750	12°	80	SBC/AR70	Yes
REAL AR70 INT 36	8W	2700K	750	36°	80	SBC/AR70	Yes
REAL AR70 WW 36	8W	3000K	750	36°	80	SBC/AR70	Yes



## Reality AR70 Dim to Warm with Driver - 70mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
3/2 REAL AR70D	8W	3000K - 2000K	480	35°	95	SBC/AR70	Yes



## Series 2 AR70 with Driver - 70mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
SER2 AR70D IN10	8W	2700K	530	10°	95	SBC/AR70	Yes
SER2 AR70D WW10	8W	3000K	530	10°	95	SBC/AR70	Yes
SER2 AR70D IN30	8W	2700K	530	30°	95	SBC/AR70	Yes
SER2 AR70D WW30	8W	3000K	530	30°	95	SBC/AR70	Yes

# AR111 LED Lamps

(J)



## Reality AR111 with Driver - 110mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
REAL AR111D INT	13W	2700K	950	24°	80	G53/AR111	Yes
REAL AR111D WW	13W	3000K	950	24°	80	G53/AR111	Yes
REAL AR111D C/W	13W	4000K	950	24°	80	G53/AR111	Yes

(K)



## Reality AR111 Dali with Driver - 110mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
REAL AR111 DALI2	13W	2700K	950	24°	80	G53/AR111	Yes
REAL AR111 DALI3	13W	3000K	950	24°	80	G53/AR111	Yes
REAL AR111 DALI4	13W	4000K	950	24°	80	G53/AR111	Yes

(L)



## Reality AR111 Dim to Warm with Driver - 110mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
3/2 REAL AR111D	12W	3000K - 2000K	628	35°	95	G53/AR111	Yes



**M**

### Series 2 AR111 with Driver - 110mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
SER2 AR111D WW10	12W	3000K	850	10°	95	G53/AR111	Yes
SER2 AR111D IN30	12W	2700K	850	30°	95	G53/AR111	Yes
SER2 AR111D WW30	12W	3000K	850	30°	95	G53/AR111	Yes

**N**

### Optic AR111 with Driver - 110mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
OPTIC AR1114D27K	22W	2700K	1800	4°	90	G53/AR111	Yes
LEDAR111D 8D INT	14W	2700K	950	8°	80	G53/AR111	Yes
LEDAR111D 24D 29	14W	2900K	950	24°	80	G53/AR111	Yes
LEDAR111D 24D WW	14W	3000K	950	24°	80	G53/AR111	Yes
LEDAR111D 24D CW	14W	4000K	950	24°	80	G53/AR111	Yes
LEDAR111D 45D IN	14W	2700K	950	45°	80	G53/AR111	Yes
LEDAR111D 45D WW	14W	3000K	950	45°	80	G53/AR111	Yes
LEDAR111D 45D CW	14W	4000K	950	45°	80	G53/AR111	Yes

**O**

### Optic AR111 DALI with Driver - 110mm

Order Code	Wattage	Colour Temp	Lumens	Beam angle	CRI	Lamp Holder	Dimmable
LEDAR111 DALI 24	14W	4000K	950	24°	80	G53/AR111	Yes
LEDAR111 DALI IN	14W	2700K	950	45°	80	G53/AR111	Yes
LEDAR111 DALI WW	14W	3000K	950	45°	80	G53/AR111	Yes
LEDAR111 DALI CW	14W	4000K	950	45°	80	G53/AR111	Yes

Ⓟ



### LED RGBW Module with Driver - 110mm

Order Code	Wattage	Colour Temp	Beam angle	CRI	Lamp Holder	Dimmable
LEDMODULE RGBW L	16W	RGB+3000K	45°	80	G53/AR111	Yes
LEDMODULE RGBC L	16W	RGB+4000K	45°	80	G53/AR111	Yes

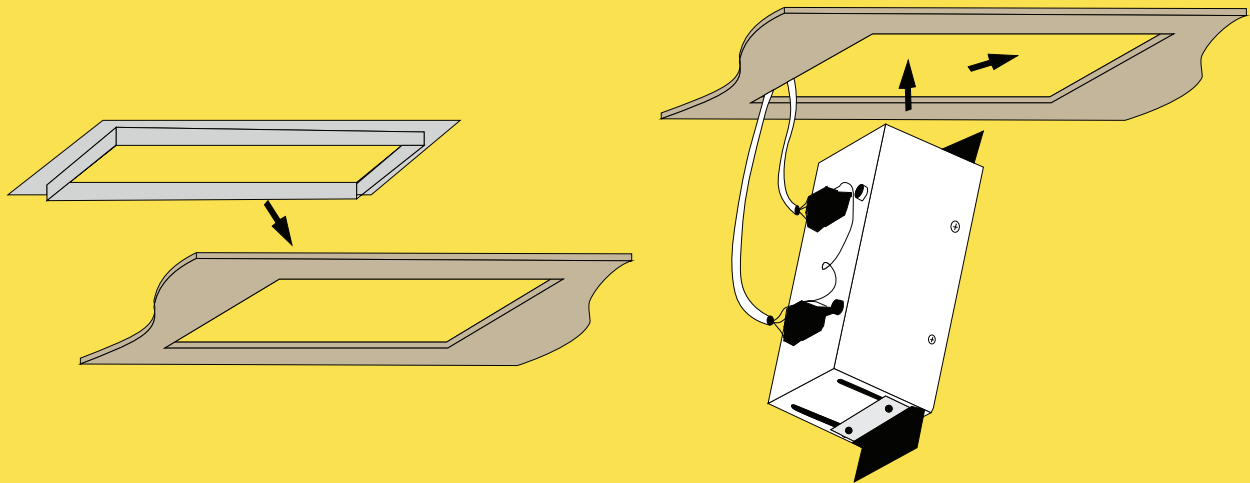
Ⓠ



### LED Tunable White Module - 110mm

Order Code	Wattage	Colour Temp	Beam angle	CRI	Lamp Holder	Dimmable
DYN MODULE AR111	12W	2700K - 6500K	75°	80	G53/AR111	Yes

# INSTALLING TRIMLESS GRID DOWNLIGHTS



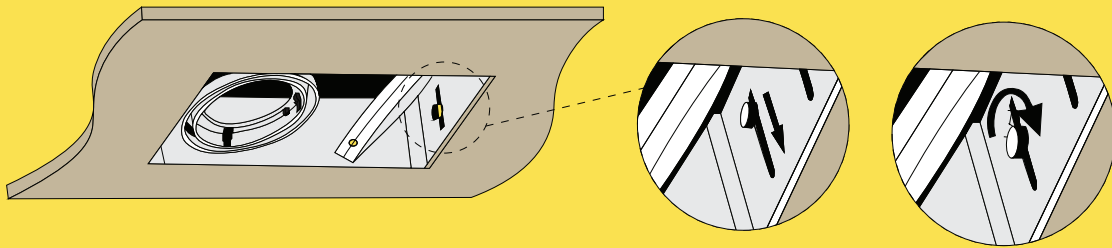
**1a.**

Fit mounting grid into hole  
cut in plaster board

**1b.**

Wire and fix downlight on  
to mounting grid



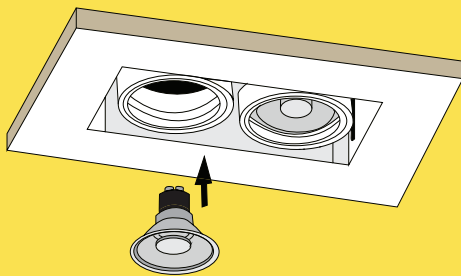


**2a.**

Adjust brackets to fit  
downlight flush to ceiling

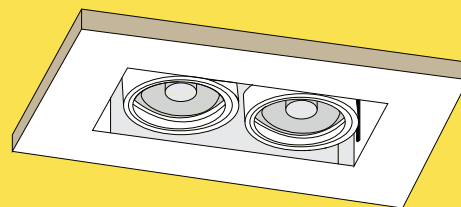
**2b.**

Turn knobs to tighten and  
fix. Plaster ceiling and  
paint



**3.**

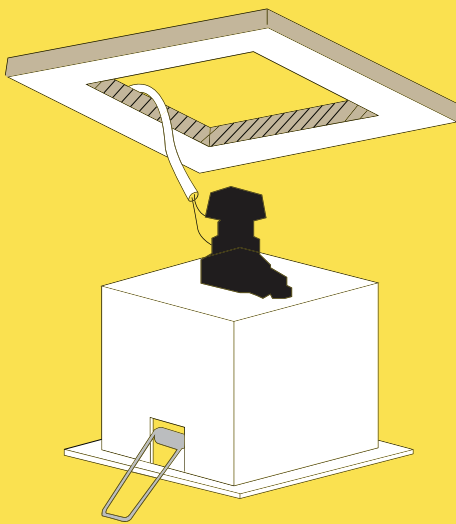
Install lamps and  
position rings



**3.**

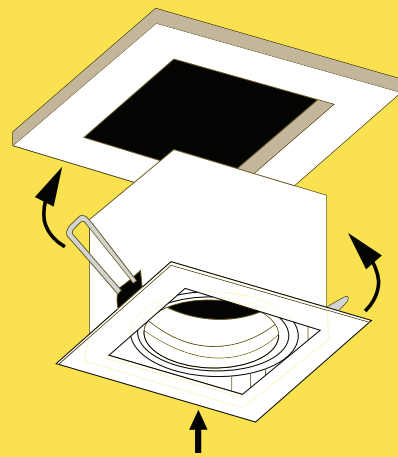
Finished

# INSTALLING TRIMMED GRID DOWNLIGHTS



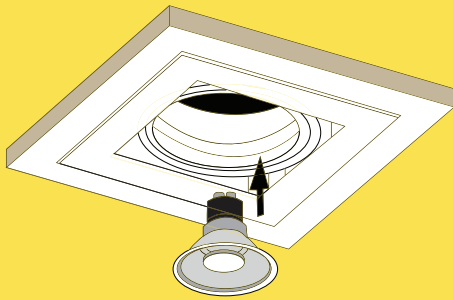
**1.**

Cut hole and Wire  
downlight



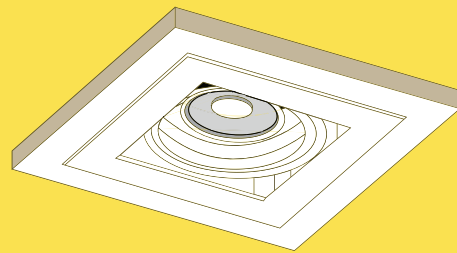
**2.**

Move clips up to install  
downlight in ceiling



**3.**

Install lamps



**4.**

Adjust rings to position



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