# **Slimline** downlight comparison

astro

# Trimless **Slimline** Round Fixed

Previous design

Slimline

*New + improved!*

| PRODUCT CODE | 1248002 | 1248017 |
|---|---|---|
| LAMP TYPE & WATTAGE | 1 x 6W LED GU10 | 1 x 6W LED GU10 |
| FIRE RATING | 90 minute ceilings only | 30, 60 & 90 minute ceilings |
| IP RATING | IP65 | IP65 |
| CLASS | II | II |
| DEPTH | 115mm | 77mm + lamp length |
| DIAMETER | 79mm | 75mm |
| CUT OUT DIAMETER | 86mm | 79mm |
| FITS AN LED MODULE? | No | Yes |
| MAX LAMP LENGTH | 58mm | 73mm |
| GLARE GUARD SUPPLIED? | No | Yes |
| TERMINAL BLOCK | Two pole terminal block | Push fit terminal block with loop in loop out |

## **Slimline** benefits + updates

- 15% price reduction.

- High temperature glass replaces the large metal cannister. This reduces the recess depth requirements and helps improve lamp life.

- The cut out diameter is smaller at 79mm compared to the previous 86mm.

- When installed, the product is very similar in size changing from 79mm to 75mm in diameter.

- A latest generation three pole terminal block is supplied with the fitting which allows for easy loop in and out.

- An optional honeycomb louvre is supplied with the new Slimline design to help reduce glare.

- A new lamp fixing method means that LED modules can be used with the fixture as well as GU10s.

- The internal section is easily pulled from the ceiling and has removed the need for the ridges that were visible from the front of the previous design to make for a more visually pleasing product.

# Trimless **Slimline** Round Adjustable

Previous design

Slimline

*New + improved!*

| PRODUCT CODE | 1248006 | **1248019** |
|---|---|---|
| LAMP TYPE & WATTAGE | 1 x 6W LED GU10 | **1 x 6W LED GU10** |
| FIRE RATING | 90 minute ceilings only | **30, 60 & 90 minute ceilings** |
| IP RATING | IP20 | **IP20** |
| CLASS | I | **II** |
| DEPTH | 162mm | **64mm + lamp length** |
| DIAMETER | 102mm | **75mm** |
| CUT OUT DIAMETER | 111mm | **79mm** |
| FITS AN LED MODULE? | No | **Yes** |
| MAX LAMP LENGTH | 57mm | **73mm** |
| GLARE GUARD SUPPLIED? | No | **Yes** |
| TERMINAL BLOCK | Three pole terminal block | **Push fit terminal block with loop in loop out** |

## **Slimline** benefits + updates

- 15% price reduction.

- High temperature glass replaces the large metal cannister. This reduces the recess depth requirements and helps improve lamp life.

- The cut out diameter is smaller at 79mm compared to the previous 86mm.

- When installed, the product is very similar in size changing from 79mm to 75mm in diameter.

- A latest generation three pole terminal block is supplied with the fitting which allows for easy loop in and out.

- An optional honeycomb louvre is supplied with the new Slimline design to help reduce glare.

- A new lamp fixing method means that LED modules can be used with the fixture as well as GU10s.

- The internal section is easily pulled from the ceiling and has removed the need for the ridges that were visible from the front of the previous design to make for a more visually pleasing product.

# Trimless Twin Adjustable



Previous design

New design

New + improved!

| PRODUCT CODE | 1248008 | 1248022 |
|---|---|---|
| LAMP TYPE & WATTAGE | 2 x 6W LED GU10 | 2 x 6W LED GU10 |
| FIRE RATING | 90 minute ceilings only | No |
| IP RATING | IP20 | IP20 |
| CLASS | I | II |
| DEPTH | 163mm | 62mm + lamp length |
| DIAMETER | 206 x 102mm | 158 x 75mm |
| CUT OUT DIAMETER | 215 x 111mm | 162 x 79mm |
| FITS AN LED MODULE? | No | Yes |
| MAX LAMP LENGTH | 58mm | 73mm |
| GLARE GUARD SUPPLIED? | No | Yes |
| TERMINAL BLOCK | Two pole terminal block | Push fit terminal block with loop in loop out |

## Benefits + updates

- 50% price reduction.

- No longer fire rated, but provided at a much more competitive price.

- The cut out required is smaller at 158 x 75mm compared to the previous 215 x 111mm. This is to ensure consistency across the collection.

- When installed, the product 158 x 75mm in length and width so smaller than the previous size of 206 x 102mm.

- A latest generation three pole terminal block is supplied with the fitting which allows for easy loop in and out.

- An optional honeycomb louvre is supplied with the new design to help reduce glare.

- A new lamp fixing method means that LED modules can be used with the fixture as well as GU10s.

# Minima **Slimline** Round Fixed



Previous design



Slimline

New + improved!

| PRODUCT CODE | 1249010 | 1249034 |
|---|---|---|
| LAMP TYPE & WATTAGE | 1 x 6W LED GU10 | 1 x 6W LED GU10 |
| FIRE RATING | 90 minute ceilings only | 30, 60 & 90 minute ceilings |
| IP RATING | IP20 | IP65 |
| CLASS | I | II |
| DEPTH | 158mm | 77mm + lamp length |
| DIAMETER | 100mm | 100mm |
| CUT OUT DIAMETER | 92mm | 86mm |
| FITS AN LED MODULE? | No | Yes |
| MAX LAMP LENGTH | 59mm | 73mm |
| GLARE GUARD SUPPLIED? | No | Yes |
| TERMINAL BLOCK | Three pole terminal block | Push fit terminal block with loop in loop out |

## Slimline benefits + updates

- High temperature glass replaces the large metal cannister. This reduces the recess depth requirements and helps improve lamp life.

- Upgraded from IP20 to IP65 making them suitable for all interior applications.

- Whilst physically the same size from the front of the fixture (Ø100mm), the cut out hole diameter has been reduced from 92mm to 86mm to help aid installation by allowing more space for error.

- A latest generation three pole terminal block is supplied with the fitting which allows for easy loop in and out.

- An optional honeycomb glare guard is supplied with the new Slimline design to help reduce glare.

- A new lamp fixing method means that LED modules can be used with the fixture as well as GU10s.

# Minima **Slimline** Round Adjustable


Previous design


Slimline

New + improved!

| PRODUCT CODE | 1249008 | 1249040 |
|---|---|---|
| LAMP TYPE & WATTAGE | 1 x 6W LED GU10 | 1 x 6W LED GU10 |
| FIRE RATING | 90 minute ceilings only | 30, 60 & 90 minute ceilings |
| IP RATING | IP20 | IP20 |
| CLASS | I | II |
| DEPTH | 152mm | 61mm + lamp length |
| DIAMETER | 100mm | 100mm |
| CUT OUT DIAMETER | 92mm | 86mm |
| FITS AN LED MODULE? | No | Yes |
| MAX LAMP LENGTH | 59mm | 73mm |
| GLARE GUARD SUPPLIED? | No | Yes |
| TERMINAL BLOCK | Three pole terminal block | Push fit terminal block with loop in loop out |

## Slimline benefits + updates

- High temperature glass replaces the large metal cannister. This reduces the recess depth requirements and helps improve lamp life.

- Whilst physically the same size from the front of the fixture (Ø100mm), the cut out hole diameter has been reduced from 92mm to 86mm to help aid installation by allowing more space for error.

- A latest generation three pole terminal block is supplied with the fitting which allows for easy loop in and out.

- An optional honeycomb glare guard is supplied with the new Slimline design to help reduce glare.

- A new lamp fixing method means that LED modules can be used with the fixture as well as GU10s.

# Minima **Slimline** Square Fixed

Previous design

Slimline

*New + improved!*

| PRODUCT CODE | 1249011 | 1249038 |
|---|---|---|
| LAMP TYPE & WATTAGE | 1 x 6W LED GU10 | **1 x 6W LED GU10** |
| FIRE RATING | 90 minute ceilings only | **30, 60 & 90 minute ceilings** |
| IP RATING | IP20 | **IP65** |
| CLASS | I | **II** |
| DEPTH | 152mm | **78mm + lamp length** |
| DIAMETER | 100 x 100mm | **100 x 100mm** |
| CUT OUT DIAMETER | 92 x 92mm | **86 x 86mm** |
| FITS AN LED MODULE? | No | **Yes** |
| MAX LAMP LENGTH | 59mm | **73mm** |
| GLARE GUARD SUPPLIED? | No | **Yes** |
| TERMINAL BLOCK | Three pole terminal block | **Push fit terminal block with loop in loop out** |

## Slimline benefits + updates

- High temperature glass replaces the large metal cannister. This reduces the recess depth requirements and helps improve lamp life.

- Upgraded from IP20 to IP65 making them suitable for all interior applications.

- Whilst physically the same size from the front of the fixture (100 x 100mm), the cut out required has been reduced from 92 x 92mm to 86 x 86mm to help aid installation by allowing more space for error.

- A latest generation three pole terminal block is supplied with the fitting which allows for easy loop in and out.

- An optional honeycomb glare guard is supplied with the new Slimline design to help reduce glare.

- A new lamp fixing method means that LED modules can be used with the fixture as well as GU10s.

- Gently blending from a square shape to a circular form which provides a slightly different aesthetic when compared with the previous version (please note this is also different when compared to the non fire-rated).

# Minima **Slimline** Square Adjustable



Previous design

Slimline

New + improved!

| PRODUCT CODE | 1249009 | 1249042 |
|---|---|---|
| LAMP TYPE & WATTAGE | 1 x 6W LED GU10 | 1 x 6W LED GU10 |
| FIRE RATING | 90 minute ceilings only | 30, 60 & 90 minute ceilings |
| IP RATING | IP20 | IP20 |
| CLASS | I | II |
| DEPTH | 152mm | 61mm + lamp length |
| DIAMETER | 100 x 100mm | 100 x 100mm |
| CUT OUT DIAMETER | 92 x 92mm | 86 x 86mm |
| FITS AN LED MODULE? | No | Yes |
| MAX LAMP LENGTH | 59mm | 73mm |
| GLARE GUARD SUPPLIED? | No | Yes |
| TERMINAL BLOCK | Three pole terminal block | Push fit terminal block with loop in loop out |

## **Slimline** benefits + updates

- High temperature glass replaces the large metal cannister. This reduces the recess depth requirements and helps improve lamp life.

- Whilst physically the same size from the front of the fixture (100 x 100mm), the cut out required has been reduced from 92 x 92mm to 86 x 86mm to help aid installation by allowing more space for error.

- A latest generation three pole terminal block is supplied with the fitting which allows for easy loop in and out.

- An optional honeycomb glare guard is supplied with the new Slimline design to help reduce glare.

- A new lamp fixing method means that LED modules can be used with the fixture as well as GU10s.

- Gently blending from a square shape to a circular form which provides a slightly different aesthetic when compared with the previous version (please note this is also different when compared to the non fire-rated).

# Minima **Slimline** 25° Fixed


Previous design


Slimline

*New + improved!*

| PRODUCT CODE | 1249025 / 1249026 | 1249036 / 1249037 |
|---|---|---|
| LAMP TYPE & WATTAGE | 1 x 6W LED GU10 | 1 x 6W LED GU10 |
| FIRE RATING | No | 30, 60 & 90 minute ceilings |
| IP RATING | IP20 | IP65 |
| CLASS | I | II |
| DEPTH | 109mm | 64mm + lamp length |
| DIAMETER | 116mm | 100mm |
| CUT OUT DIAMETER | 111mm | 86mm |
| FITS AN LED MODULE? | No | Yes |
| MAX LAMP LENGTH | 59mm | 73mm |
| GLARE GUARD SUPPLIED? | No | Yes |
| TERMINAL BLOCK | Three pole terminal block | Push fit terminal block with loop in loop out |

## **Slimline** benefits + updates

- High temperature glass replaces the large metal cannister. This reduces the recess depth requirements and helps improve lamp life.

- Upgraded from IP20 to IP65 making them suitable for all interior applications.

- The cut out hole diameter has been reduced from 111mm to 86mm.

- The product is quite a bit smaller in size changing from 116mm to 100mm in diameter, this is to ensure consistency across the collection.

- A latest generation three pole terminal block is supplied with the fitting which allows for easy loop in and out.

- An optional honeycomb glare guard is supplied with the new Slimline design to help reduce glare.

- A new lamp fixing method means that LED modules can be used with the fixture as well as GU10s.

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For any enquiries please contact: technical@astrolighting.com

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