

MADE IN THE UK

PHOEBE

**arlico**  
LIGHTING YOUR WAY

# MEET THE FAMILY



Classic award winning design



**PHOEBE**  
FX

Page 12

Adjustable, perfect for lighting art & wall washing



**PHOEBE**  
AJ

Page 14

Thin trim ultra-slim design for minimal look



**PHOEBE**  
TT

Page 16

Sleek, low glare architectural darklight



**PHOEBE**  
DL

Page 18

Plaster-in trimless for minimalist living



**PHOEBE**  
TL

Page 20

Under canopy version ideal for entrances



**PHOEBE**  
UC

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## PROUDLY MADE IN THE UK

Phoebe LED downlights are designed and manufactured here in the UK by Arlico Ltd. We are committed to producing high quality, performance eco lighting products that are best-in-class in terms of efficacy and sustainability.

## PROVEN LONGEVITY

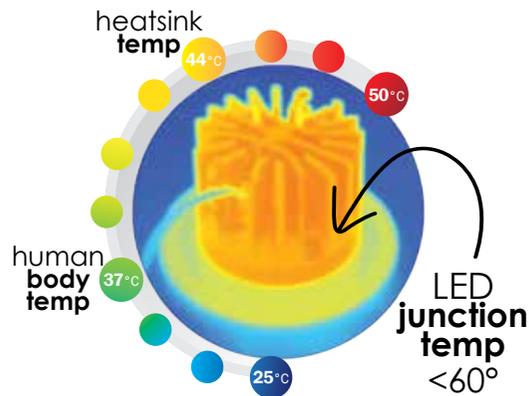
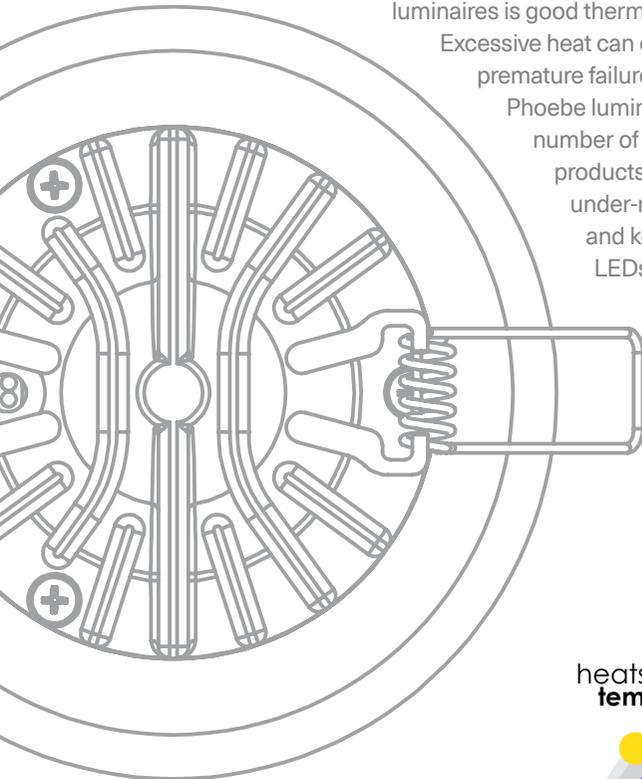
Our current portfolio of products use the same design & components as products that have been in the market since 2010, which is almost unique in the LED downlight field. This means our claims of long life are based on fact not theory, giving our clients peace of mind that Phoebe LED downlights really do stand the test of time. We back this up by offering a market leading 5 year Warranty.

## Robust, efficient design

The key to efficient, colour stable, long life LED luminaires is good thermal management.

Excessive heat can cause colour shift and premature failure of LED fixtures.

Phoebe luminaires feature a greater number of LEDs than alternative products, meaning they can be under-run to boost efficiency and keep the downlight and LEDs cool.



## Better aesthetics & reduced glare without seeing unsightly LEDs



The Phoebe collection uses a unique design for optimum visual comfort. Each fixture is hand-built to the highest quality with sustainable materials. Diffuse optics give a unique and highly desirable “non-LED” appearance, minimal spotting and uniform light distribution.



## Quick & easy installation

Phoebe downlights are fitted with a high-quality mains dimmable driver as standard, which is pre-wired and supplied with a loop-in/loop-out mains connector, simplifying the entire installation process. Phoebe downlights can be installed in all standard ceiling types up to a maximum thickness of 28mm.

## Fewer fittings saving money

Phoebe products have excellent light output and a wide beam angle, resulting in fewer fittings being required for an installation when compared to current retrofit LED lamp-based alternatives, whilst offering energy savings of up to 80% against older halogen-based downlights.

## Ultra long life

Phoebe downlights have more LEDs per product when compared to most current alternatives. Using a higher quantity of medium power LEDs and under-running them, ensures greater efficiency and low operational temperature, resulting in ultra-long life.

## Colour quality is key

Phoebe downlights are supplied with high colour rendering Ra80+ LEDs as standard, as called for by CIBSE Code for Interior Lighting and BS EN 12464-1. Versions with an even higher CRI of 90+ can also be specified for the most demanding applications.

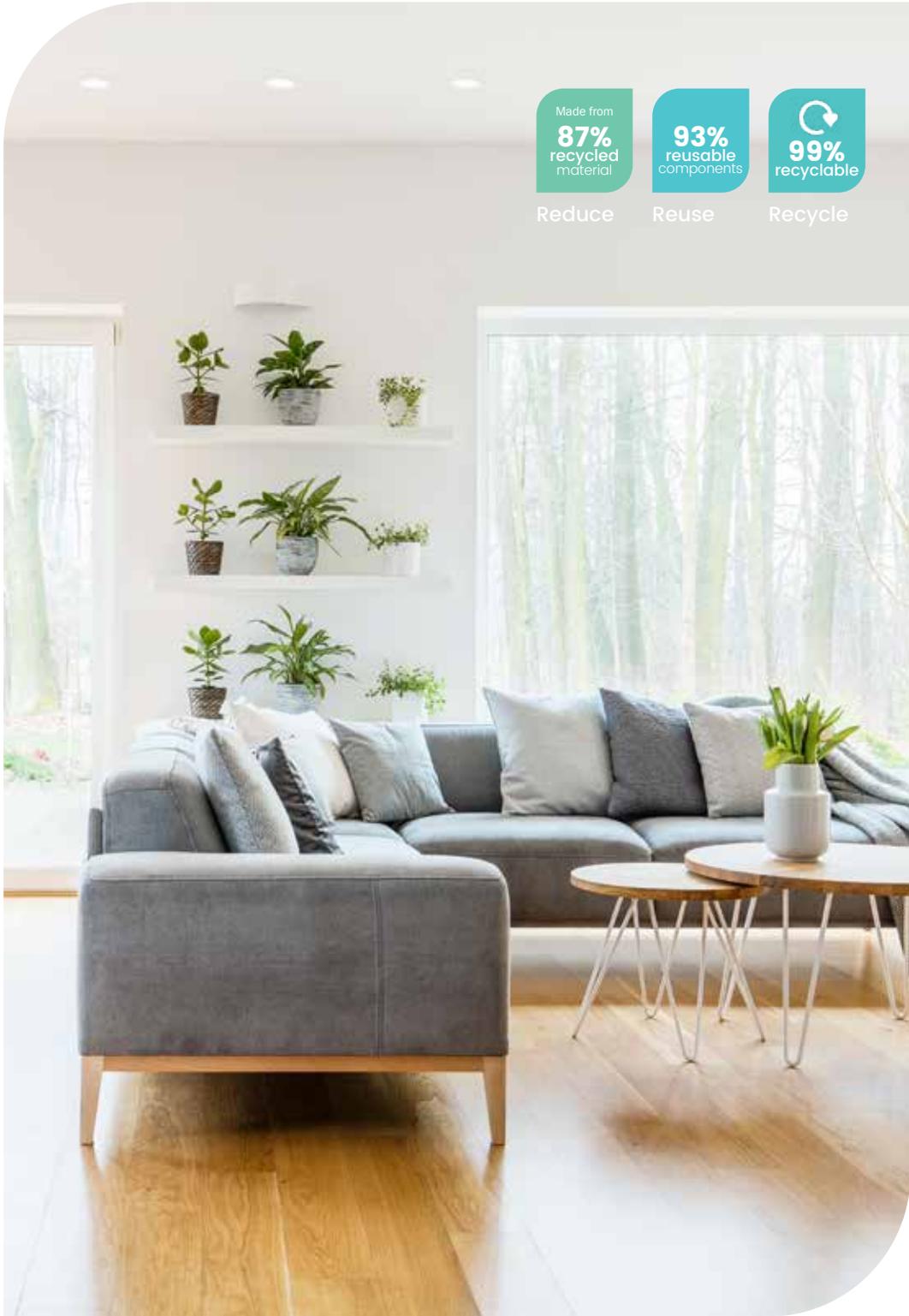
*Create your style*



*Design without boundaries*

## **Choice of finish** *Including custom colours*

Phoebe downlights come finished as standard in Matt White RAL 9010. However, we also offer a range of alternative finishes in either plated or powder coated colours. Polished chrome downlights are great for bathrooms and brushed nickel downlights can be very effective for modern kitchen lighting. Matt black downlights are also becoming ever more popular for contemporary lighting installations. Contact us to find out more about custom painted downlights.



Made from  
**87%**  
recycled  
material

Reduce

**93%**  
reusable  
components

Reuse

**99%**  
recyclable

Recycle



Mains dimmable  
LED driver Included



Push-click mains  
connector Included  
for fast installation



## “Installation couldn’t have been easier”

Phoebe downlights come complete with a pre-fitted mains connector for simple loop-in / loop-out wiring. This means that the ceiling decoration can be completed with just the female electrical connection installed, then when the paint is dry the installer can simply plug the light in and pop the light into the ceiling.

# PHOEBE FX

Ultra efficient LED downlight

- ✓ Award winning design
- ✓ Incredibly low maintenance
- ✓ Designed & produced in the UK
- ✓ Mains dimming as standard
- ✓ DALI, 1-10V & Casambi dimming
- ✓ Emergency options available
- ✓ <3 SDCM colour consistency
- ✓ Ultra-wide beam angle



\*For ECA compliance seek qualified accounting advice to check if your specific product / project is eligible. Driver not acoustically tested. Adjustable fittings IP65 light engine only. All lumen, power & efficacy figures are +/- 10% @25°C ambient temp. Must register warranty online. Information correct at the time of writing and can change at any given time without notice. For the most up-to-date information, visit aril.co

## How to order

Construct your unique part code using the options below. For assistance please call +44(0)23 8202 2100.

| Brightness                         | CCT  | Dimming  | Emergency   | Body Finish   |
|------------------------------------|--|--|---|---|
| <b>PHO.FX.10.6</b><br>613LM, 5.8cW | <b>827</b> Ra80, 2700K<br><b>830</b> Ra80, 3000K<br><b>840</b> Ra80, 4000K | <b>A</b> 1-10V Analogue<br><b>C</b> Casambi Bluetooth<br><b>D</b> DALI<br><b>P</b> Phase-cut | <b>0</b> None<br><b>3</b> 3 hour EM<br><b>D</b> DALI EM<br><b>S</b> Self test | <b>/PWC</b> White<br><b>/PBL</b> Black<br><b>/LCH</b> Polished Chrome<br><b>/BNK</b> Brushed Nickel<br><b>/BBR</b> Brushed Brass*<br><b>/XXX</b> Custom |
| <b>PHO.FX.10.8</b><br>863LM, 7.8cW | <b>927</b> Ra90, 2700K<br><b>930</b> Ra90, 3000K<br><b>940</b> Ra90, 4000K |  |   | <i>*Special order</i>   |

### Example ▶

**PHO.FX . 10.6 . 827 . P 0 / PWC / HA1**  
Product Code    Size & Brightness    CCT    Dimming + EM    Finish    Options

### Accessories

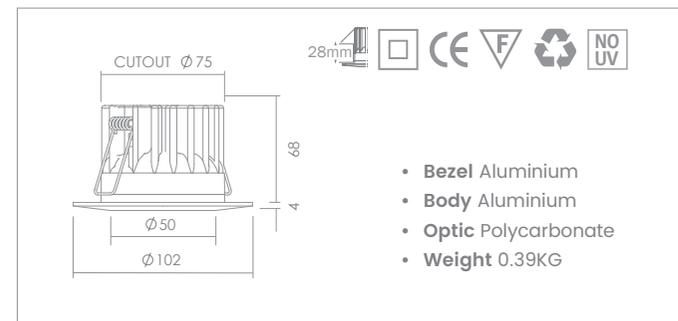
To order separately please add PHO.FX.ACC/HA1



**/HA1**  
1 Part hole adapter (90mm-105mm)

**/HA2**  
2 Part hole adapter (105mm-170mm)

\*Fitting not included



Choice of finish

PBL

BNK

BBR

LCH

XXX

**Finishes**  
PBL Matt Black RAL 9005  
BNK Brushed Nickel  
BBR Brushed Brass \*Special Order\*  
LCH Polished Chrome  
PWC Matt White RAL 9010  
Contact Sales for custom finishes

# PHOEBE AJ

Ultra efficient adjustable downlight

- ✓ Adjustable bezel ideal for lighting walls
- ✓ Incredibly low maintenance
- ✓ Designed & produced in the UK
- ✓ Mains dimming as standard
- ✓ DALI, 1-10V & Casambi dimming options
- ✓ Various emergency options available
- ✓ <3 SDCM colour consistency
- ✓ Ultra-wide beam angle



- Fire rated Option**  
via fire hood accessory
- IP65**  
Bathrooms & wet areas
- Fast install**  
Plug+Play push connector
- Excellent CRI**  
Ra80+ & Ra90+ options
- Mains dimming**  
as standard
- Part L1&L2**  
& ECA compliant\*
- Zero DB**  
Acoustic rated\*
- 50,000hr**  
Expected lifetime
- 5 year**  
Ext. warranty\*

\*For ECA compliance seek qualified accounting advice to check if your specific product / project is eligible. Driver not acoustically tested. Adjustable fittings IP65 light engine only. All lumen, power & efficacy figures are +/- 10% @25°C ambient temp. Must register warranty online. Information correct at the time of writing and can change at any given time without notice. For the most up-to-date information, visit arl.co

## How to order

Construct your unique part code using the options below. For assistance please call +44(0)23 8202 2100.

| Brightness                         | CCT  | Dimming  | Emergency   | Body Finish  |
|------------------------------------|--|--|---|--|
| <b>PHO.AJ.10.6</b><br>613LM, 5.8cW | <b>827</b> Ra80, 2700K<br><b>830</b> Ra80, 3000K<br><b>840</b> Ra80, 4000K | <b>A</b> 1-10V Analogue<br><b>C</b> Casambi Bluetooth<br><b>D</b> DALI<br><b>P</b> Phase-cut | <b>0</b> None<br><b>3</b> 3 hour EM<br><b>D</b> DALI EM<br><b>S</b> Self test<br><br><small>*Emergency version supplied in a locked tilt position</small> | <b>/PWC</b> White<br><b>/PBL</b> Black<br><b>/XXX</b> Custom |
| <b>PHO.AJ.10.8</b><br>863LM, 7.8cW | <b>927</b> Ra90, 2700K<br><b>930</b> Ra90, 3000K<br><b>940</b> Ra90, 4000K |  |   |  |

Example ▶

**PHO.AJ . 10.6 . 827 . P 0 / PWC / HA1**  
Product Code    Size & Brightness    CCT    Dimming + EM    Finish    Options

## Accessories

To order separately please add PHOAJACC/HA1

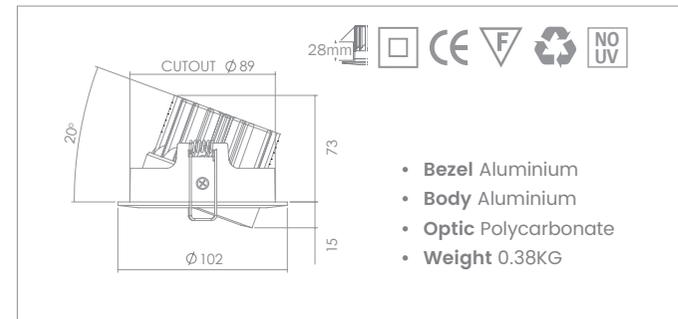


**/HA1**  
1 Part hole adapter (90mm-105mm)

**/F60**  
Fire Hood

**/HA2**  
2 Part hole adapter (105mm-170mm)

\*Fitting not included



Choice of finish

PBL



**Finishes**  
**PBL** Matt Black RAL 9005  
**PWC** Matt White RAL 9010  
Contact Sales for custom paint finishes

# PHOEBE TT

Thin trim, ultra-slim architectural LED downlight

- ✓ Improved aesthetics with machined aluminium bezel
- ✓ Minimal dimensions and ultra-slim design
- ✓ Incredibly low maintenance
- ✓ Designed & produced in the UK
- ✓ Mains dimming as standard
- ✓ DALI, 1-10V & Casambi dimming
- ✓ Emergency options available
- ✓ <3 SDCM colour consistency
- ✓ Ultra-wide beam angle



- Fire rated**  
30 & 60min fire rated
- IP65**  
Bathrooms & wet areas
- Fast install**  
Plug+Play push connector
- Excellent CRI**  
Ra80+ & Ra90+ options
- Mains dimming**  
as standard
- Part L1&L2**  
& ECA compliant\*
- Zero DB**  
Acoustic rated\*
- 50,000hr**  
Expected lifetime
- 5 year**  
Ext. warranty\*

## How to order

Construct your unique part code using the options below. For assistance please call +44(0)23 8202 2100.

| Brightness                        | CCT  | Dimming  | Emergency   | Body Finish  |
|-----------------------------------|--|--|---|--|
| <b>PHO.TT.8.6</b><br>635LM, 5.8cW | <b>827</b> Ra80, 2700K<br><b>830</b> Ra80, 3000K<br><b>840</b> Ra80, 4000K | <b>A</b> 1-10V Analogue<br><b>C</b> Casambi Bluetooth<br><b>D</b> DALI<br><b>P</b> Phase-cut | <b>0</b> None<br><b>3</b> 3 hour EM<br><b>D</b> DALI EM<br><b>S</b> Self test | <b>/PWC</b> White<br><b>/PBL</b> Black<br><b>/XXX</b> Custom |
| <b>PHO.TT.8.8</b><br>894LM, 7.8cW | <b>927</b> Ra90, 2700K<br><b>930</b> Ra90, 3000K<br><b>940</b> Ra90, 4000K |  |   |  |

### Example ▶

**PHO.TT** . **8.6** . **827** . **P 0** / **PWC** / **HA1**  
Product Code    Size & Brightness    CCT    Dimming + EM    Finish    Options

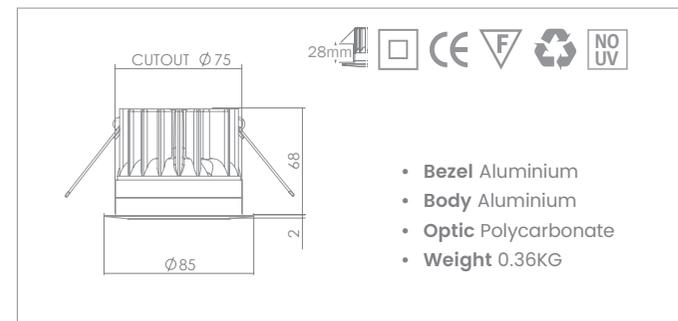
### Accessories

To order separately please add PHO.TT.ACC/HA1



- /HA1**  
1 Part hole adapter (90mm-105mm)
- /HA2**  
2 Part hole adapter (105mm-170mm)

\*Fitting not included



**Finishes**  
**PBL** Matt Black RAL 9005  
**PWC** Matt White RAL 9010  
 Contact Sales for custom paint finishes

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# PHOEBE DL

Architectural darklight LED downlight

- ✓ Architectural machined aluminium bezel
- ✓ Integrated black baffle to reduce glare
- ✓ Incredibly low maintenance
- ✓ Designed & produced in the UK
- ✓ Mains dimmable as standard
- ✓ DALI, 1-10V & Casambi dimming
- ✓ Emergency options available
- ✓ <3 SDCM colour consistency
- ✓ Wide beam angle



- Fire rated**  
30 & 60min fire rated
- IP65**  
Bathrooms & wet areas
- Fast install**  
Plug+Play push connector
- Excellent CRI**  
Ra80+ & Ra90+ options
- Mains dimming**  
as standard
- Part L1&L2**  
& ECA compliant\*
- Zero DB**  
Acoustic rated\*
- 50,000hr**  
Expected lifetime
- 5 year**  
Ext. warranty\*

\*For ECA compliance seek qualified accounting advice to check if your specific product / project is eligible. Driver not acoustically tested. Adjustable fittings IP65 light engine only. All lumen, power & efficacy figures are +/- 10% @25°C ambient temp. Must register warranty online. Information correct at the time of writing and can change at any given time without notice. For the most up-to-date information, visit arl.co

## How to order

Construct your unique part code using the options below. For assistance please call +44(0)23 8202 2100.

| Brightness                        | CCT  | Dimming  | Emergency   | Body Finish   |
|-----------------------------------|--|--|---|---|
| <b>PHO.DL.8.6</b><br>440LM, 5.8cW | <b>827</b> Ra80, 2700K<br><b>830</b> Ra80, 3000K<br><b>840</b> Ra80, 4000K | <b>A</b> 1-10V Analogue<br><b>C</b> Casambi Bluetooth<br><b>D</b> DALI<br><b>P</b> Phase-cut | <b>0</b> None<br><b>3</b> 3 hour EM<br><b>D</b> DALI EM<br><b>S</b> Self test | <b>/PWC</b> White<br><b>/PBL</b> Black<br><b>/XXX</b> Custom<br><br><b>Inside Baffle</b><br><b>/GO</b> Gold |
| <b>PHO.DL.8.8</b><br>619LM, 7.8cW | <b>927</b> Ra90, 2700K<br><b>930</b> Ra90, 3000K<br><b>940</b> Ra90, 4000K |  |   |   |

Example ▶

**PHO.DL . 8.6 . 827 . P 0 / PWC / HA1**  
Product Code    Size & Brightness    CCT    Dimming + EM    Finish    Options

### Accessories

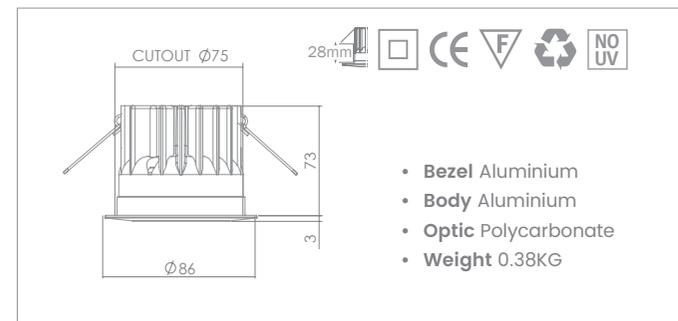
To order separately please add PHO.DLACC/HA1



**/HA1**  
1 Part hole adapter (90mm-105mm)

**/HA2**  
2 Part hole adapter (105mm-170mm)

\*Fitting not included



Choice of finish



**Finishes**  
**PBL** Matt Black RAL 9005  
**PWC** Matt White RAL 9010  
Contact Sales for custom bezel and baffle paint finishes

# PHOEBE TL

Trimless, plaster-in LED downlight

- ✓ No visible bezel for a minimal design aesthetic
- ✓ Suited to high-end interiors
- ✓ Incredibly low maintenance
- ✓ Designed & produced in the UK
- ✓ DALI, 1-10V and Casambi dimming
- ✓ Emergency options available
- ✓ <3 SDCM colour consistency
- ✓ Ultra-wide beam angle



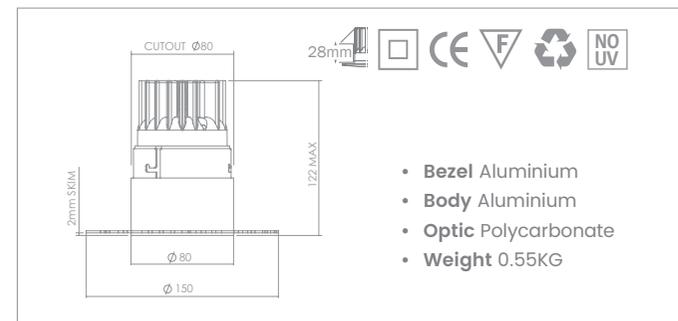
- Fire rated Option**  
via fire hood accessory
- IP20**  
Dry applications only
- Fast install**  
Plug+Play push connector
- Excellent CRI**  
Ra80+ & Ra90+ options
- Mains dimming**  
as standard
- Part L1&L2**  
& ECA compliant\*
- 50,000hr**  
Expected lifetime
- 5 year**  
Ext. warranty\*

## How to order

Construct your unique part code using the options below. For assistance please call +44(0)23 8202 2100.

| Brightness                        | CCT  | Dimming  | Emergency   | Body Finish       |
|-----------------------------------|--|--|---|-------------------|
| <b>PHO.TL.8.6</b><br>452LM, 5.8cW | <b>827</b> Ra80, 2700K<br><b>830</b> Ra80, 3000K<br><b>840</b> Ra80, 4000K | <b>A</b> 1-10V Analogue<br><b>C</b> Casambi Bluetooth<br><b>D</b> DALI<br><b>P</b> Phase-cut | <b>0</b> None<br><b>3</b> 3 hour EM<br><b>D</b> DALI EM<br><b>S</b> Self test | <b>/PWC</b> White |
| <b>PHO.TL.8.8</b><br>636LM, 7.8cW | <b>927</b> Ra90, 2700K<br><b>930</b> Ra90, 3000K<br><b>940</b> Ra90, 4000K |  |   |                   |

**Example** ▶ **PHO.TL . 8.6 . 827 . P 0 / PWC**  
Product Code    Size & Brightness    CCT    Dimming + EM    Finish



Choice of finish

PWC

Finishes  
PWC Matt White RAL 9010

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# PHOEBE UC

Under-canopy exterior LED downlight

- ✓ Machined aluminium single piece bezel for screw fixing
- ✓ Ideal for single storey entrance canopies with a void
- ✓ Any painted finish to match your canopy cladding
- ✓ Incredibly low maintenance
- ✓ Designed & produced in the UK
- ✓ DALI, 1-10V & Casambi dimming
- ✓ Emergency options available
- ✓ Ultra-wide beam angle



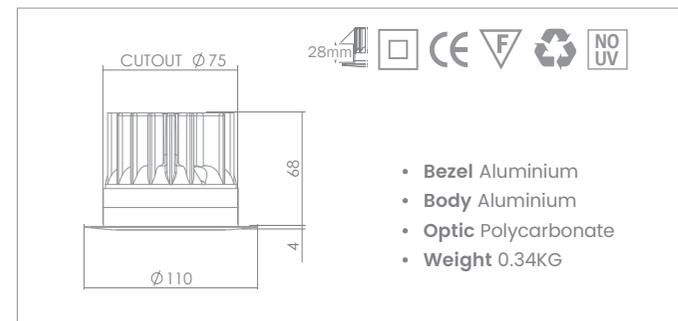
- Fire rated**  
30 & 60min fire rated
- IP65**  
Bathrooms & wet areas
- Fast install**  
Plug+Play push connector
- Excellent CRI**  
Ra80+ & Ra90+ options
- Mains dimming**  
as standard
- Part L1&L2**  
& ECA compliant\*
- Zero DB**  
Acoustic rated\*
- 50,000hr**  
Expected lifetime
- 5 year**  
Ext. warranty\*

## How to order

Construct your unique part code using the options below. For assistance please call +44(0)23 8202 2100.

| Brightness                         | CCT  | Dimming  | Emergency   | Body Finish  |
|------------------------------------|--|--|---|--|
| <b>PHO.UC.11.6</b><br>613LM, 5.8cW | <b>827</b> Ra80, 2700K<br><b>830</b> Ra80, 3000K<br><b>840</b> Ra80, 4000K | <b>A</b> 1-10V Analogue<br><b>C</b> Casambi Bluetooth<br><b>D</b> DALI<br><b>P</b> Phase-cut | <b>0</b> None<br><b>3</b> 3 hour EM<br><b>D</b> DALI EM<br><b>S</b> Self test | <b>/PWC</b> White<br><b>/PBL</b> Black<br><b>/PAG</b> Anthracite<br><b>/PSV</b> Silver<br><b>/XXX</b> Custom |
| <b>PHO.UC.11.8</b><br>863LM, 7.8cW | <b>927</b> Ra90, 2700K<br><b>930</b> Ra90, 3000K<br><b>940</b> Ra90, 4000K |  |   |  |

**Example ▶** PHO.UC . 11.6 . 827 . P 0 / PWC  
Product Code    Size & Brightness    CCT    Dimming + EM    Finish



**Finishes**  
**PBL** Matt Black RAL 9005  
**PAG** Anthracite Grey RAL 7016  
**PSV** Matt Silver RAL 9006  
**PWC** Matt White RAL 9010  
 Contact Sales for custom paint finishes

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