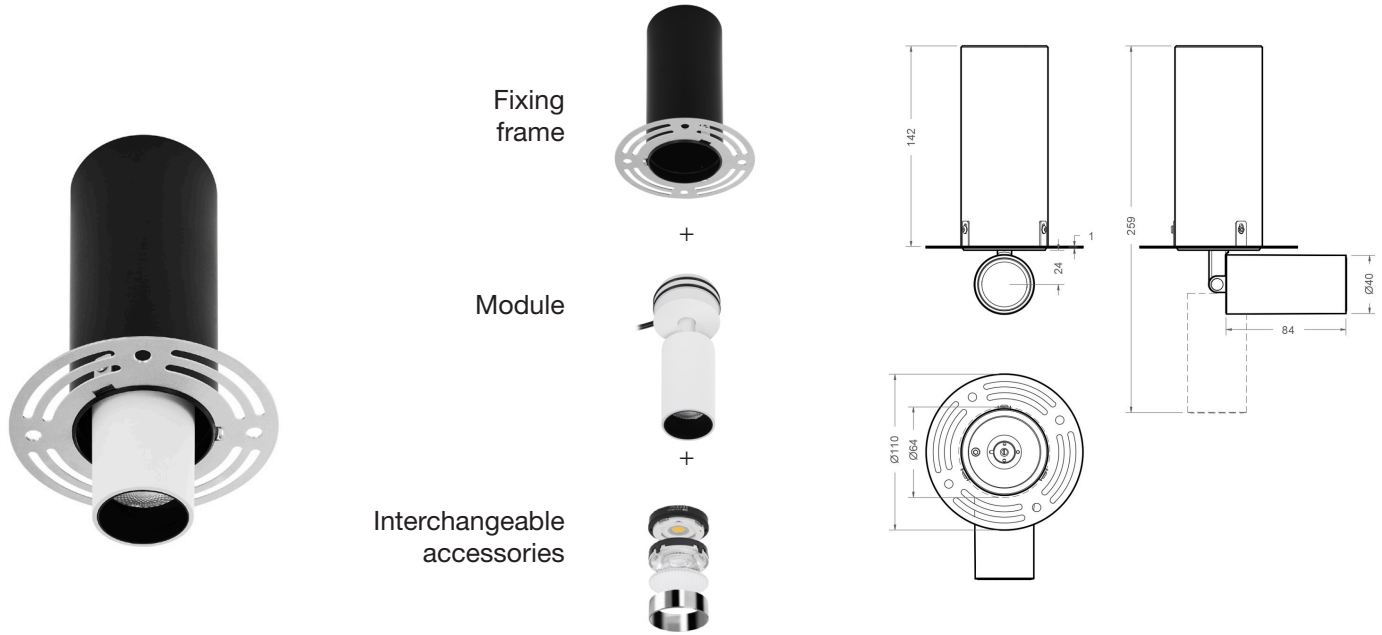


# Ariel In&Out F Plug&Play

Downlights | IP40 | Class III | Dimmable



## LIGHT SOURCE & OPTIC

### Power

9W  
11W

### Lens

14° - not interchangeable  
18°/ 24°/ 33°/ 52° - interchangeable

### Beam Direction

Adjustable:  
Tilting +/-90°, rotating +/-355°,  
Symmetrical

### Material

PMMA

### LED quantity

1

### Binning

2 MacAdam steps

### Color temperature & quality

2200K CRI>90  
2400K CRI>90  
2700K CRI>90/95  
3000K CRI>80/90/95  
3500K CRI>90/95  
4000K CRI>90

### Lifetime

(L70) >77.000 hrs

## FIXTURE

### Dimensions

Ø 40mm x Hmax 84mm (cylinder)

### Material

Aluminium

### Module finishes

Warm White (RAL 9010)  
White (RAL 9003)  
Gray White (RAL 9002)  
Gothic Cement (RAL 7033)  
Gray (RAL 7012)  
Beige Gray (RAL 7006)  
Brown (RAL 8019)  
Black (RAL 9005)

### Filter holder finishes

Gold Chrome  
Shiny Chrome  
Satin Gold  
Satin Nickel  
Black

### Weight

530gr

### Mounting

Semirecessed: cut out Ø 64mm

### Fixing

Fixing frame for trimless flush mount

### Working temperature

-20° / +40°

## ELECTRICAL FEATURES

### Power supply

Constant current:  
500 mA  
600mA  
Typical Vf= 18V

### Driver requirement

Remote (not included)

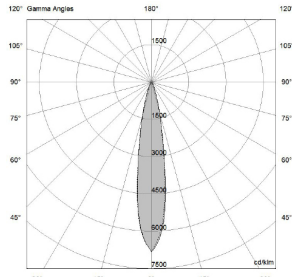
### Control

On/off  
Push switch  
Phase Cut  
0/1-10 V  
Casambi  
DALI

# Ariel In&Out F Plug&Play

## PHOTOMETRIC DATA (3000K CRI>90)

### 9W - 18° | UGR 12

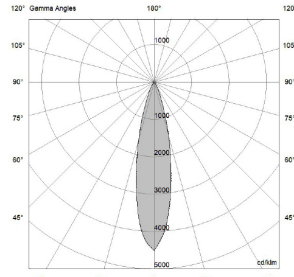


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.32     | 3087        |
| 2        | 0.64     | 772         |
| 3        | 0.96     | 343         |
| 4        | 1.28     | 193         |
| 5        | 1.60     | 123         |

**Total lumen output**  
712 lm

**Efficacy**  
79 lm/W

### 9W - 24° | UGR 14

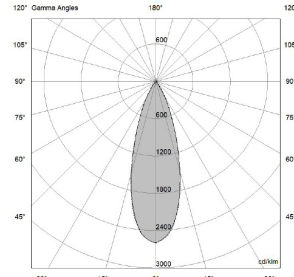


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.42     | 1919        |
| 2        | 0.83     | 480         |
| 3        | 1.25     | 213         |
| 4        | 1.67     | 120         |
| 5        | 2.08     | 77          |

**Total lumen output**  
703 lm

**Efficacy**  
78 lm/W

### 9W - 33° | UGR 16

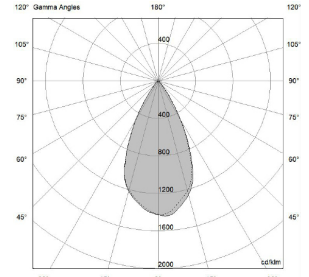


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.60     | 980         |
| 2        | 1.21     | 245         |
| 3        | 1.81     | 109         |
| 4        | 2.41     | 61          |
| 5        | 3.02     | 39          |

**Total lumen output**  
618 lm

**Efficacy**  
69 lm/W

### 9W - 52° | UGR 20

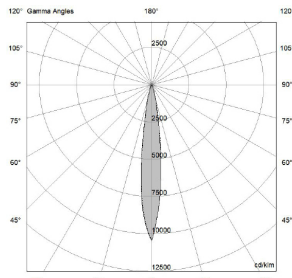


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.69     | 550         |
| 2        | 1.93     | 138         |
| 3        | 2.89     | 61          |
| 4        | 3.85     | 34          |
| 5        | 4.82     | 22          |

**Total lumen output**  
683 lm

**Efficacy**  
76 lm/W

### 9W - 14° | UGR 9



| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.25     | 4298        |
| 2        | 0.50     | 1074        |
| 3        | 0.76     | 478         |
| 4        | 1.01     | 269         |
| 5        | 1.26     | 172         |

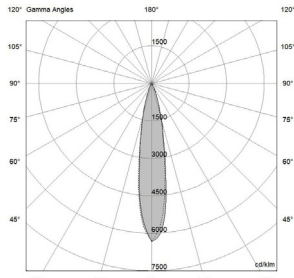
**Total lumen output**  
659 lm

**Efficacy**  
73 lm/W

# Ariel In&Out F Plug&Play

## PHOTOMETRIC DATA (3000K CRI>90)

### 11W - 18° | UGR 13

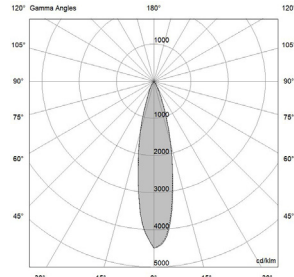


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.33     | 3452        |
| 2        | 0.65     | 863         |
| 3        | 0.98     | 384         |
| 4        | 1.31     | 216         |
| 5        | 1.63     | 138         |

**Total lumen output**  
857 lm

**Efficacy**  
78 lm/W

### 11W - 24° | UGR 15

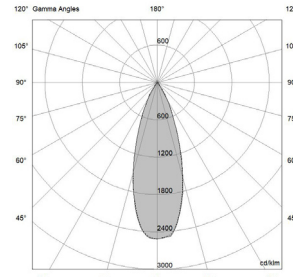


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.42     | 2318        |
| 2        | 0.83     | 579         |
| 3        | 1.25     | 258         |
| 4        | 1.67     | 145         |
| 5        | 2.09     | 93          |

**Total lumen output**  
824 lm

**Efficacy**  
75 lm/W

### 11W - 33° | UGR 17

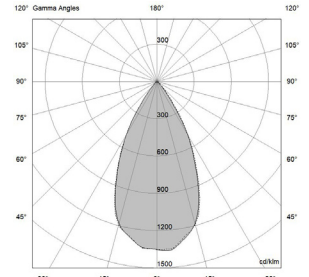


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.63     | 1150        |
| 2        | 1.26     | 287         |
| 3        | 1.89     | 128         |
| 4        | 2.52     | 72          |
| 5        | 3.15     | 46          |

**Total lumen output**  
750 lm

**Efficacy**  
68 lm/W

### 11W - 52° | UGR 21

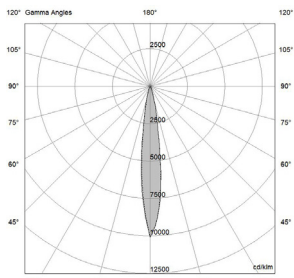


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.97     | 624         |
| 2        | 1.94     | 156         |
| 3        | 2.91     | 69          |
| 4        | 3.88     | 39          |
| 5        | 4.85     | 25          |

**Total lumen output**  
809 lm

**Efficacy**  
74 lm/W

### 11W - 14° | UGR 10



| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.25     | 4734        |
| 2        | 0.51     | 1183        |
| 3        | 0.76     | 526         |
| 4        | 1.02     | 296         |
| 5        | 1.27     | 189         |

**Total lumen output**  
752 lm

**Efficacy**  
86 lm/W

# Ariel In&Out F Plug&Play

## INTERCHANGEABLE ACCESSORIES

### Plug&Play Modules (CCT)

#### For 14° lens:

2200K CRI>90  
2400K CRI>90  
2700K CRI>90/95  
3000K CRI>80/90/95  
3500K CRI>90/95  
4000K CRI>90

#### For 18° / 24° / 33° / 52° lens:

2200K CRI>90  
2400K CRI>90  
2700K CRI>90/95  
3000K CRI>80/90/95  
3500K CRI>90/95  
4000K CRI>90

### Optical Filters

Hex louver  
Elliptical Filter  
Prismatic filter  
Softening lens

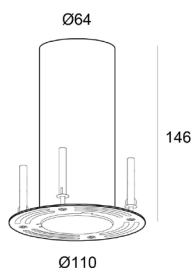
### Lenses

18° / 24° / 33° / 52°

## INSTALLATION ACCESSORIES

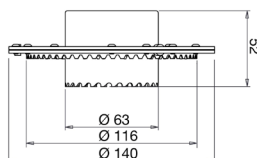
Fixing rame (A01593.\_0)

Necessary element: please specify always 1 frame for each Fixture in the purchase order



## INSTALLATION TOOL

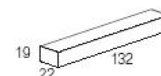
Hole saw (A00830.H0)  
available for easier installation



## SUGGESTED REMOTE DRIVERS

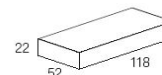
### On/Off :

CC10-F-500-SI



Ø 28

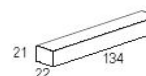
CC20-F-600-N



Ø 55

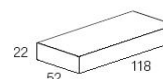
### Multifunction (DALI 2, 0/1-10V, PUSH RIPLE FREE, AM DIMMING):

CC15-D-500-S



Ø 30

CC25-DM-600-N



Ø 55

Other options upon request