

# Ariel In&Out F IP55

Downlights | IP55 | Class III | Dimmable



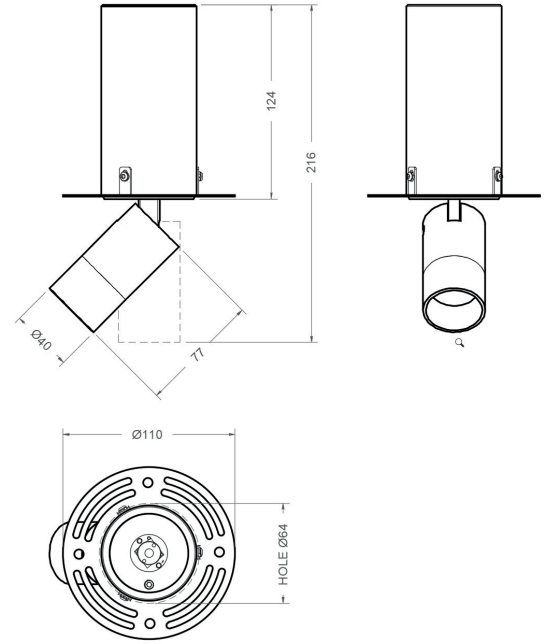
Fixing  
frame



Module



Interchangeable  
accessories



## 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 (Ta 25°)

L70 >77.000 hrs

### Output (3000K CRI>90)

14°: 872 lm / 970 lm  
18° / 24° / 33° / 52°: 1020 lm / 1208 lm

## FIXTURE

### Dimensions

Ø 110mm x H 124mm

### 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)

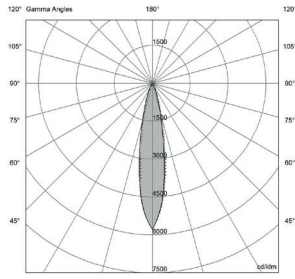
### Control

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

# Ariel In&Out F IP55

## PHOTOMETRIC DATA (3000K CRI>90)

### 9W - 18° | UGR 17

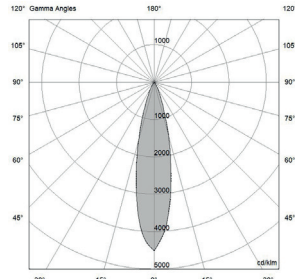


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.34     | 2816        |
| 2        | 0.69     | 704         |
| 3        | 1.03     | 313         |
| 4        | 1.37     | 176         |
| 5        | 1.72     | 113         |

**Total lumen output**  
776 lm

**Efficacy**  
86 lm/W

### 9W - 24° | UGR 18

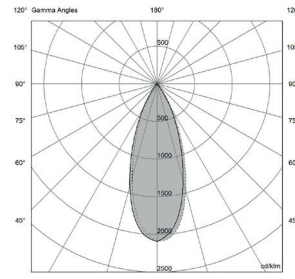


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.48     | 1713        |
| 2        | 0.95     | 428         |
| 3        | 1.43     | 190         |
| 4        | 1.90     | 107         |
| 5        | 2.38     | 69          |

**Total lumen output**  
767 lm

**Efficacy**  
85 lm/W

### 9W - 33° | UGR 20

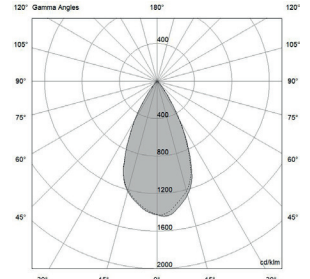


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.69     | 849         |
| 2        | 1.37     | 212         |
| 3        | 2.06     | 94          |
| 4        | 2.75     | 53          |
| 5        | 3.43     | 34          |

**Total lumen output**  
680 lm

**Efficacy**  
76 lm/W

### 9W - 52° | UGR 22

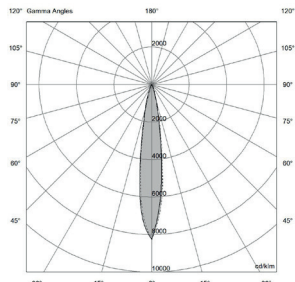


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 1.08     | 479         |
| 2        | 2.15     | 120         |
| 3        | 3.23     | 53          |
| 4        | 4.30     | 30          |
| 5        | 5.38     | 19          |

**Total lumen output**  
732 lm

**Efficacy**  
81 lm/W

### 9W - 14° | UGR 17



| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.28     | 3532        |
| 2        | 0.56     | 883         |
| 3        | 0.84     | 392         |
| 4        | 1.12     | 221         |
| 5        | 1.40     | 141         |

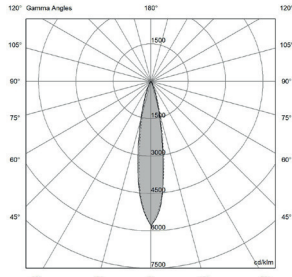
**Total lumen output**  
673 lm

**Efficacy**  
75 lm/W

# Ariel In&Out F IP55

## PHOTOMETRIC DATA (3000K CRI>90)

### 11W - 18° | UGR 17

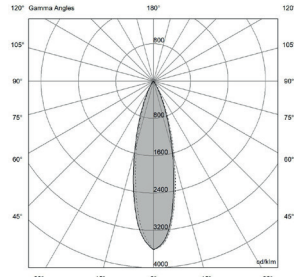


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.35     | 3271        |
| 2        | 0.70     | 818         |
| 3        | 1.05     | 363         |
| 4        | 1.40     | 204         |
| 5        | 1.75     | 131         |

**Total lumen output**  
906 lm

**Efficacy**  
82 lm/W

### 11W - 24° | UGR 17

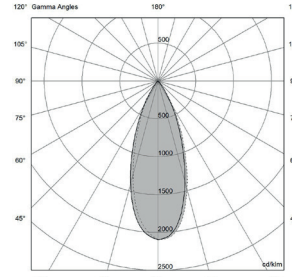


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.48     | 1978        |
| 2        | 0.96     | 495         |
| 3        | 1.44     | 220         |
| 4        | 1.92     | 124         |
| 5        | 2.40     | 79          |

**Total lumen output**  
888 lm

**Efficacy**  
81 lm/W

### 11W - 33° | UGR 19

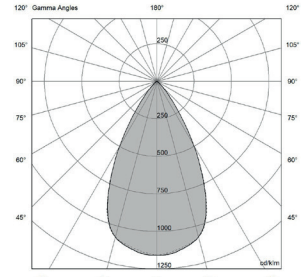


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.69     | 983         |
| 2        | 1.39     | 246         |
| 3        | 2.08     | 109         |
| 4        | 2.77     | 61          |
| 5        | 3.46     | 39          |

**Total lumen output**  
788 lm

**Efficacy**  
72 lm/W

### 11W - 52° | UGR 23

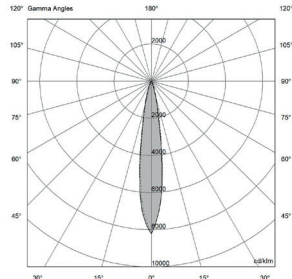


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 1.08     | 547         |
| 2        | 2.15     | 137         |
| 3        | 3.23     | 61          |
| 4        | 4.31     | 34          |
| 5        | 5.39     | 22          |

**Total lumen output**  
839 lm

**Efficacy**  
76 lm/W

### 11W - 14° | UGR 16



| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.29     | 3977        |
| 2        | 0.58     | 994         |
| 3        | 0.86     | 442         |
| 4        | 1.15     | 249         |
| 5        | 1.44     | 159         |

**Total lumen output**  
768 lm

**Efficacy**  
70 lm/W

# Ariel In&Out F IP55

## INTERCHANGEABLE ACCESSORIES

### Optical Filters

Hex louver  
Elliptical Filter  
Prismatic filter  
Softening lens

### Lenses

18° / 24° / 33° / 52°

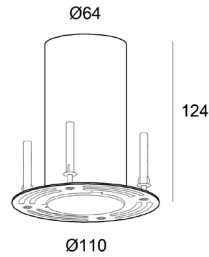
### Decorative rings

Black  
Gold Chrome  
Satin Gold  
Satin Nickel  
Shiny Chrome

## INSTALLATION ACCESSORIES

### Fixing frame (A00654.\_0)

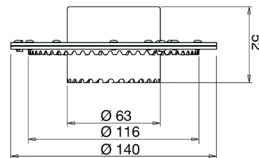
Necessary element: please specify always 1 frame for each Fixture in the purchase order



## INSTALLATION TOOL

### Hole saw (A00830.H0)

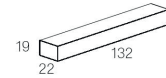
available for easier installation



## SUGGESTED REMOTE DRIVERS

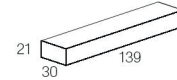
### On/Off :

CC10-F-500-SI



Ø 28

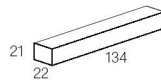
CC23-F-600-SP



Ø 37

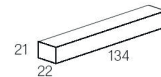
### Multifunction (DALI 2, 0/1-10V, PUSH RIPPLE FREE, AM DIMMING):

CC15-D-500-S



Ø 30

CC15-D-600-S



Ø 30

Other options upon request