

# Ariel RF IP55

Downlights | IP55 | Class III | Dimmable



Fixing  
frame



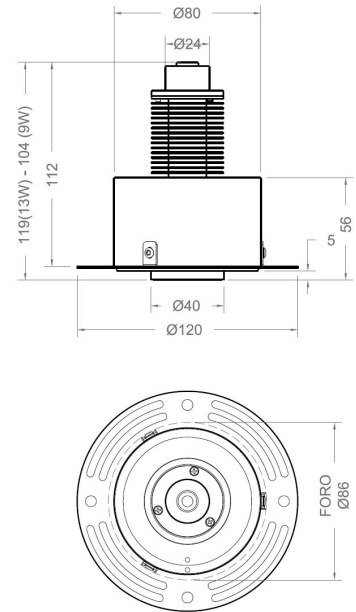
+

Module



+

Interchangeable  
accessories



## LIGHT SOURCE & OPTIC

### Power

9W  
13W

### Lens

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

### Beam Direction

Adjustable:  
Tilting +/-25°, rotating +/-360°,  
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  
18° / 24° / 33° / 52°: 1020 lm / 1380 lm

## FIXTURE

### Dimensions

Ø 120mm x Hmax 119mm

### 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

450gr

### Mounting

Semirecessed: cut out Ø 86mm

### Fixing

Fixing frame for trimless flush mount

### Working temperature

-20° / +40°

## ELECTRICAL FEATURES

### Power supply

Constant current:  
500 mA  
700mA  
Typical Vf= 18V

### Driver requirement

Remote (not included)

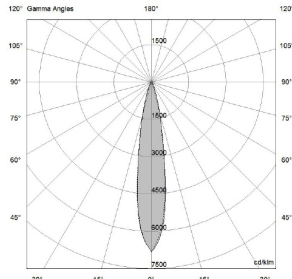
### Control

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

# Ariel RF IP55

## PHOTOMETRIC DATA (3000K CRI>90)

### 9W - 18° | UGR 12

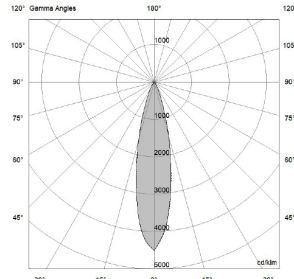


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.32     | 3087        |
| 2        | 0.64     | 772         |
| 3        | 0.96     | 343         |
| 4        | 1.28     | 193         |
| 5        | 1.60     | 123         |

**Total lumen output**  
712 lm

**Efficacy**  
79 lm/W

### 9W - 24° | UGR 14

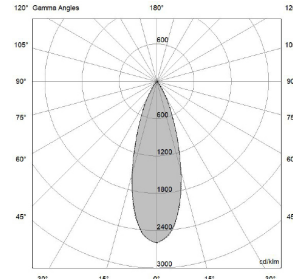


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.42     | 1919        |
| 2        | 0.83     | 480         |
| 3        | 1.25     | 213         |
| 4        | 1.67     | 120         |
| 5        | 2.08     | 77          |

**Total lumen output**  
703 lm

**Efficacy**  
78 lm/W

### 9W - 33° | UGR 16

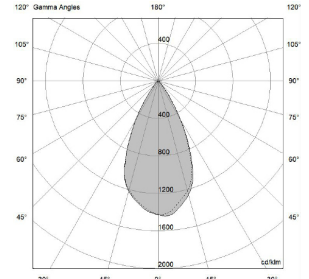


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.60     | 980         |
| 2        | 1.21     | 245         |
| 3        | 1.81     | 109         |
| 4        | 2.41     | 61          |
| 5        | 3.02     | 39          |

**Total lumen output**  
618 lm

**Efficacy**  
69 lm/W

### 9W - 52° | UGR 20

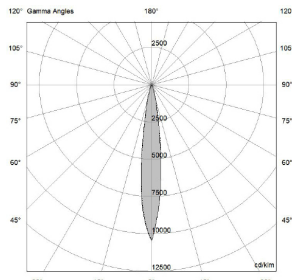


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.69     | 550         |
| 2        | 1.93     | 138         |
| 3        | 2.89     | 61          |
| 4        | 3.85     | 34          |
| 5        | 4.82     | 22          |

**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         |

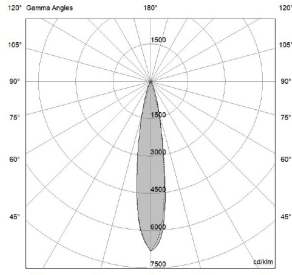
**Total lumen output**  
659 lm

**Efficacy**  
73 lm/W

# Ariel RF IP55

## PHOTOMETRIC DATA (3000K CRI>90)

### 13W - 18° | UGR 13

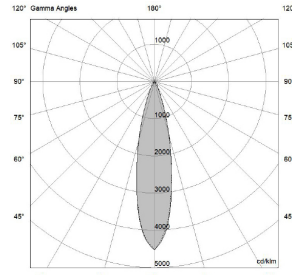


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.32     | 3890        |
| 2        | 0.65     | 972         |
| 3        | 0.97     | 432         |
| 4        | 1.30     | 243         |
| 5        | 1.62     | 156         |

**Total lumen output**  
901 lm

**Efficacy**  
69 lm/W

### 13W - 24° | UGR 15

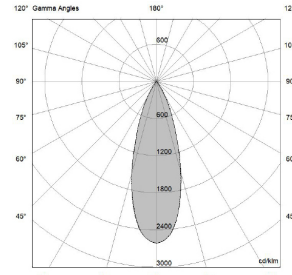


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.42     | 2406        |
| 2        | 0.84     | 602         |
| 3        | 1.25     | 267         |
| 4        | 1.67     | 150         |
| 5        | 2.09     | 96          |

**Total lumen output**  
860 lm

**Efficacy**  
66 lm/W

### 13W - 33° | UGR 17

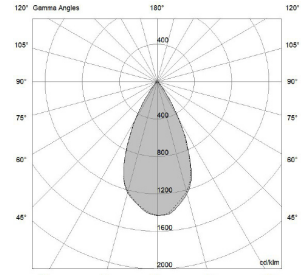


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.60     | 1228        |
| 2        | 1.21     | 307         |
| 3        | 1.81     | 136         |
| 4        | 2.41     | 77          |
| 5        | 3.02     | 49          |

**Total lumen output**  
770 lm

**Efficacy**  
59 lm/W

### 13W - 52° | UGR 21

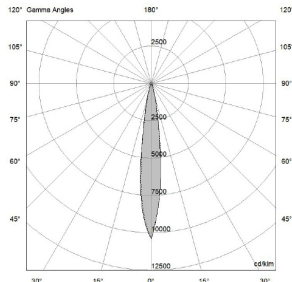


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 1.38     | 219         |
| 2        | 2.76     | 55          |
| 3        | 4.14     | 24          |
| 4        | 5.52     | 14          |
| 5        | 6.90     | 9           |

**Total lumen output**  
844 lm

**Efficacy**  
65 lm/W

### 13W - 14° | UGR 10



| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.25     | 5271        |
| 2        | 0.50     | 1318        |
| 3        | 0.75     | 586         |
| 4        | 1.00     | 329         |
| 5        | 1.25     | 211         |

**Total lumen output**  
813 lm

**Efficacy**  
63 lm/W

# Ariel RF IP55

## INTERCHANGEABLE ACCESSORIES

### Optical Filters

Hex louver  
Elliptical Filter  
Prismatic filter  
Softening lens

### Lenses

18° / 24° / 33° / 52°

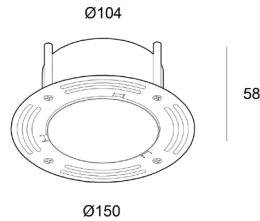
### Decorative rings

Black  
Gold Chrome  
Satin Gold  
Satin Nickel  
Shiny Chrome

## INSTALLATION ACCESSORIES

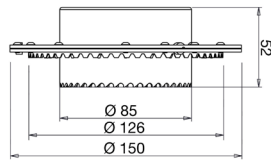
Fixing rame (A00656.\_0)

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



## INSTALLATION TOOL

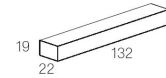
Hole saw (A00833.H0)  
available for easier installation



## SUGGESTED REMOTE DRIVERS

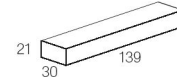
### On/Off :

CC10-F-500-SI



Ø 28

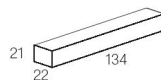
CC23-F-700-SP



Ø 37

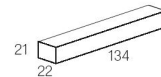
### Multifunction (DALI 2, 0/1-10V, PUSH RIPPLE FREE, AM DIMMING):

CC15-D-500-S



Ø 30

CC15-D-700-S



Ø 30

Other options upon request