# Ariel RF Plug & Play

Indoor | Downlights | IP40 | Class III | Dimmable



Fixing frame



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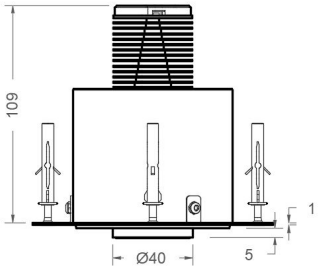
Module

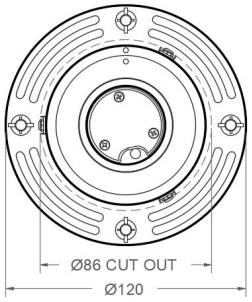


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Interchangeable accessories






## LIGHT SOURCE & OPTIC

**Power**
9W
11W

**Lens**
14° - not intercheangeable
18°/ 24°/ 33°/ 52° - interchangeable

**Beam Direction**
Adjustable:
Tilting +/-20°, rotating +/-360°,
Symmetrical

**Material**
PC

**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°)**
$L_{70}$ >77.000 hrs

**Source Flux (3000K CRI>90)**
14°: 872 lm / 978 lm
18°/ 24°/ 33°/ 52°: 1028 lm / 1208 lm

## FIXTURE

**Dimensions**
Ø 120m x Hmax 115mm

**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
600mA
Typical Vf= 18V

**Driver requirement**
Remote (not included)

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

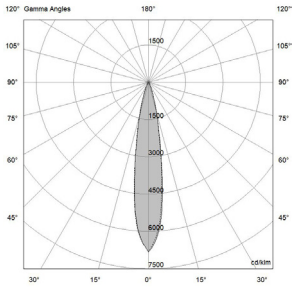


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# Ariel RF Plug & Play

## PHOTOMETRIC DATA (3000K CRI>90)

### 9W - 18° | UGR 17

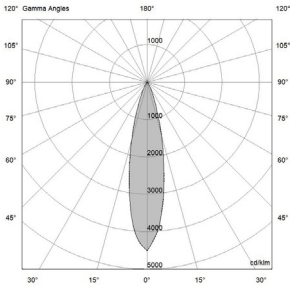



| H (m) | D (m) | Eav (lx) |
|---|---|---|
| 1 | 0.34 | 2816 |
| 2 | 0.69 | 704 |
| 3 | 1.03 | 313 |
| 4 | 1.37 | 176 |
| 5 | 1.72 | 113 |

**Total lumen output**
776 lm

**Efficacy**
86 lm/W

### 9W - 24° | UGR 18

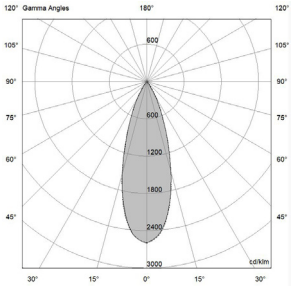



| H (m) | D (m) | Eav (lx) |
|---|---|---|
| 1 | 0.48 | 1713 |
| 2 | 0.95 | 428 |
| 3 | 1.43 | 190 |
| 4 | 1.90 | 107 |
| 5 | 2.38 | 69 |

**Total lumen output**
768 lm

**Efficacy**
85 lm/W

### 9W - 33° | UGR 20

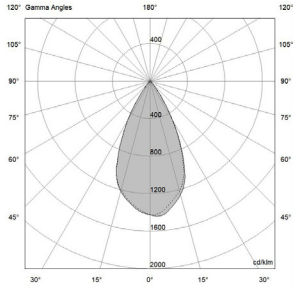



| H (m) | D (m) | Eav (lx) |
|---|---|---|
| 1 | 0.69 | 849 |
| 2 | 1.37 | 212 |
| 3 | 2.06 | 94 |
| 4 | 2.75 | 53 |
| 5 | 3.43 | 34 |

**Total lumen output**
681 lm

**Efficacy**
76 lm/W

### 9W - 52° | UGR 22

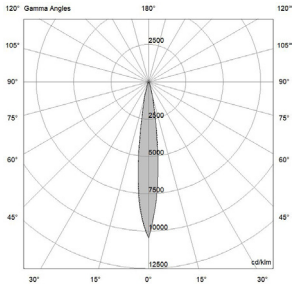



| H (m) | D (m) | Eav (lx) |
|---|---|---|
| 1 | 1.08 | 479 |
| 2 | 2.15 | 120 |
| 3 | 3.23 | 53 |
| 4 | 4.30 | 30 |
| 5 | 5.38 | 19 |

**Total lumen output**
732 lm

**Efficacy**
81 lm/W

### 9W - 14° | UGR 17




| H (m) | D (m) | Eav (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

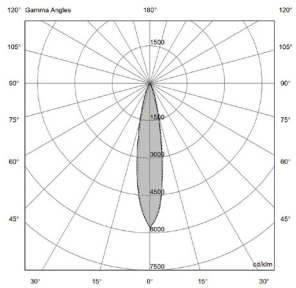


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## PHOTOMETRIC DATA (3000K CRI>90)

### 11W - 18° | UGR 17

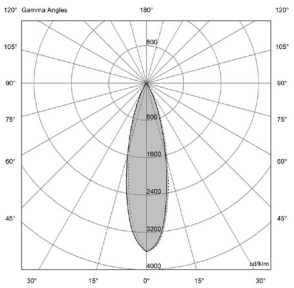



| H (m) | D (m) | Eav (lx) |
|---|---|---|
| 1 | 0.35 | 3271 |
| 2 | 0.70 | 818 |
| 3 | 1.05 | 363 |
| 4 | 1.40 | 204 |
| 5 | 1.75 | 131 |

**Total lumen output**
906 lm

**Efficacy**
82 lm/W

### 11W - 24° | UGR 17

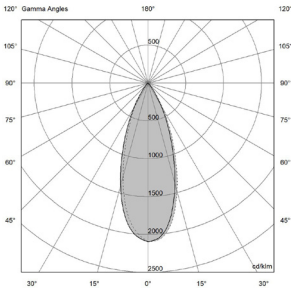



| H (m) | D (m) | Eav (lx) |
|---|---|---|
| 1 | 0.48 | 1978 |
| 2 | 0.96 | 495 |
| 3 | 1.44 | 220 |
| 4 | 1.92 | 124 |
| 5 | 2.40 | 79 |

**Total lumen output**
888 lm

**Efficacy**
81 lm/W

### 11W - 33° | UGR 19

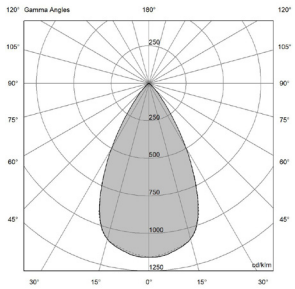



| H (m) | D (m) | Eav (lx) |
|---|---|---|
| 1 | 0.69 | 983 |
| 2 | 1.39 | 246 |
| 3 | 2.08 | 109 |
| 4 | 2.77 | 61 |
| 5 | 3.46 | 39 |

**Total lumen output**
788 lm

**Efficacy**
72 lm/W

### 11W - 52° | UGR 23

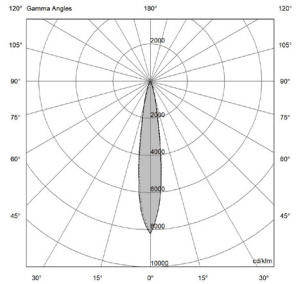



| H (m) | D (m) | Eav (lx) |
|---|---|---|
| 1 | 1.08 | 547 |
| 2 | 2.15 | 137 |
| 3 | 3.23 | 61 |
| 4 | 4.31 | 34 |
| 5 | 5..39 | 22 |

**Total lumen output**
839 lm

**Efficacy**
76 lm/W

### 11W - 14° | UGR 16




| H (m) | D (m) | Eav (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



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## INTERCHANGEABLE ACCESSORIES

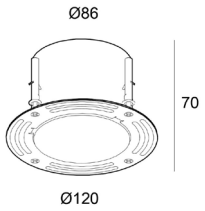
**Plug&Play Modules (CCT)**
For 14° lens:
2200K CRI>90
2400K CRI>90
2700K CRI>90/95
3000K CRI>80/90/95
3500K CRI>90/95
4000K CRI>90
For 18°/ 24° / 33°/ 52° lens:
2200K CRI>90
2400K CRI>90
2700K CRI>90/95
3000K CRI>80/90/95
3500K CRI>90/95
4000K CRI>90

**Optical Filters**
Hex louver
Elliptical Filter
Prismatic filter
Softening lens

**Lenses**
18°/ 24° / 33°/ 52°

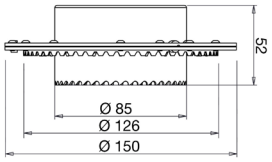
## INSTALLATION ACCESSORIES

**Fixing frame** (A01591.30)
Necessary element: please specify always 1 frame for each Fixture in the purchase order



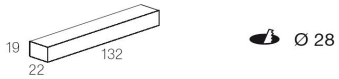

## INSTALLATION TOOL

**Hole saw** (A00833.H0)
available for easier installation

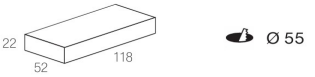



## SUGGESTED REMOTE DRIVERS

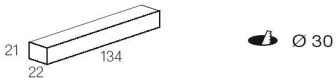
**On/Off :**
CC10-F-500-SI



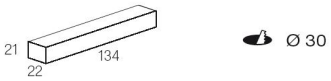

CC20-F-600-N




**Multifunction (DALI 2, 0/1-10V, PUSH RIPPLE FREE, AM DIMMING):**
CC15-D-500-S




CC15-D-600-S




Other options upon request



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