

# Ariel dynamic white

Projectors | IP40 | Class III | Dimmable

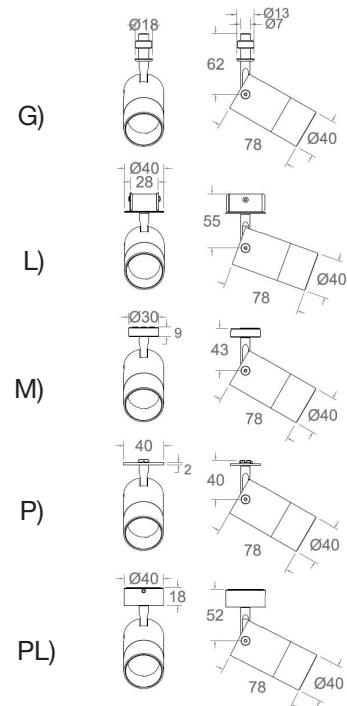


Module



+

Interchangeable accessories



## LIGHT SOURCE & OPTIC

### Power

9W

### Lens

33°/ 52° - interchangeable

### Beam Direction

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

### Material

PMMA

### LED quantity

1

### Binning

2 MacAdam steps

### Color temperature & quality

DIM TO WARM 1800K-3000K CRI>90  
TUNABLE WHITE 1800K-4000K CRI>90

### Lifetime

L80 B50 >88.000 hrs

### Ouput

DTW 3000K CRI>90: 918 lm  
TW 1800K CRI>90: 626 lm  
TW 4000K CRI>90: 976 lm

## FIXTURE

### Dimensions

Ø 40mm x H 78mm (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

170gr

### Mounting

On surface

### Fixing

G - Ringnut: cut out Ø 11mm  
L - Springs: cut out Ø 33mm  
M - Magnetic (metal plate)  
P - Applique (screws)  
PL -Base for inner connection (screws)

### Working temperature

-20° / +40°

## ELECTRICAL FEATURES

### Power supply

Constant current:  
250 mA  
Typical Vf= 18V

### Driver requirement

Remote (not included)

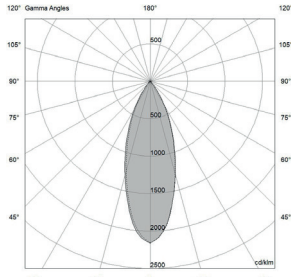
### Control

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

# Ariel dynamic white

## PHOTOMETRIC DATA (TUNABLE WHITE 1800K CRI>90)

### 9W - 33° | UGR 19

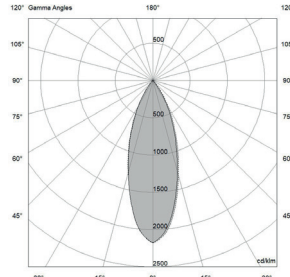


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.65     | 473         |
| 2        | 1.30     | 118         |
| 3        | 1.96     | 53          |
| 4        | 2.61     | 30          |
| 5        | 3.26     | 19          |

**Total lumen output**  
373 lm

**Efficacy**  
41 lm/W

### 9W - 52° | UGR 20



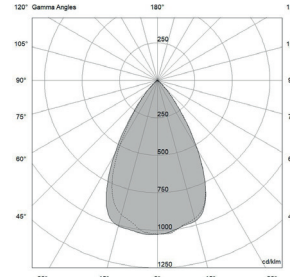
| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 1.19     | 237         |
| 2        | 2.39     | 59          |
| 3        | 3.58     | 26          |
| 4        | 4.78     | 15          |
| 5        | 5.97     | 9           |

**Total lumen output**  
592 lm

**Efficacy**  
66 lm/W

## PHOTOMETRIC DATA (TUNABLE WHITE 4000K CRI>90)

### 9W - 33° | UGR 22

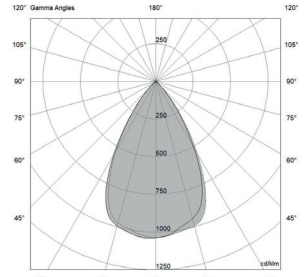


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.63     | 575         |
| 2        | 1.25     | 189         |
| 3        | 1.88     | 84          |
| 4        | 2.51     | 47          |
| 5        | 3.13     | 30          |

**Total lumen output**  
420 lm

**Efficacy**  
47 lm/W

### 9W - 52° | UGR 23



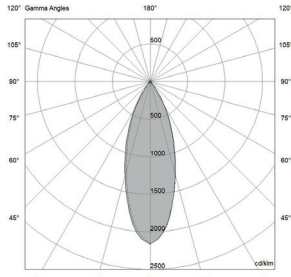
| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 1.17     | 380         |
| 2        | 2.33     | 95          |
| 3        | 3.50     | 42          |
| 4        | 4.66     | 24          |
| 5        | 5.83     | 15          |

**Total lumen output**  
668 lm

**Efficacy**  
74 lm/W

## PHOTOMETRIC DATA (DIM TO WARM 3000K CRI>90)

### 9W - 33° | UGR 19

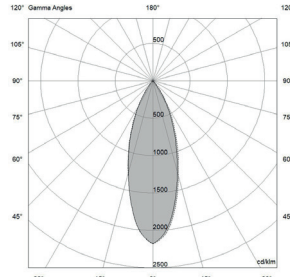


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.61     | 806         |
| 2        | 1.22     | 202         |
| 3        | 1.83     | 90          |
| 4        | 2.44     | 50          |
| 5        | 3.05     | 32          |

**Total lumen output**  
575 lm

**Efficacy**  
64 lm/W

### 9W - 52° | UGR 22



| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 1.12     | 383         |
| 2        | 2.24     | 96          |
| 3        | 3.36     | 43          |
| 4        | 4.49     | 24          |
| 5        | 5.61     | 15          |

**Total lumen output**  
629 lm

**Efficacy**  
70 lm/W

# Ariel dynamic white

## INTERCHANGEABLE ACCESSORIES

### Optical Filters

Hex louver  
Elliptical Filter  
Prismatic filter  
Softening lens

### Lenses

33°/ 52°

### Decorative rings

Black  
Gold Chrome  
Satin Gold  
Satin Nickel  
Shiny Chrome

## SUGGESTED REMOTE DRIVERS:

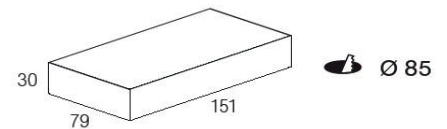
### DYNAMIC WHITE

**Dimmable multifunction driver (DALI2 0/1...10V, PUSH, RIPPLE FREE, AM DIMMING)**  
CC25-DM-250-N



### TUNABLE WHITE

**Dimmable multifunction driver (DALI 2 DT8, PUSH, RIPPLE FREE, AM DIMMING):**  
CC25-D-2x250-N



Other options upon request