

Ariel mR Plug & Play

Downlights | IP40 | Class III | Dimmable



Fixing
frame



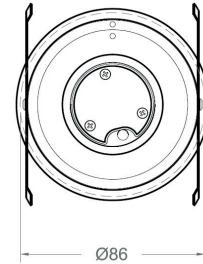
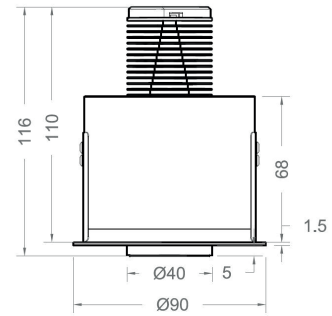
+

Module



+

Interchangeable
accessories



LIGHT SOURCE & OPTIC

Power

9W
11W

Lens

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

Beam Direction

Adjustable:
Tilting +/-20°, 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 / 1208 lm

FIXTURE

Dimensions

Ø 90mm x Hmax 116mm

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

480gr

Mounting

Semirecessed: cut out Ø 86mm

Fixing

Fixing frame with springs

Working temperature

-20° / +40°

ELECTRICAL FEATURES

Power supply

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

Driver requirement

Remote (not included)

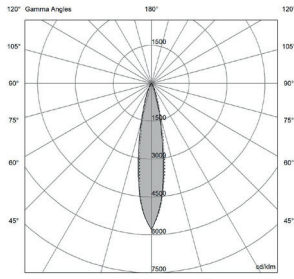
Control

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

Ariel mR Plug & Play

PHOTOMETRIC DATA (3000K CRI>90)

9W - 18° | UGR 17

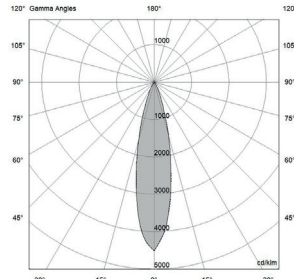


H (m)	D (m)	Eav (lx)
1	0.34	2816
2	0.69	704
3	1.03	313
4	1.37	176
5	1.72	113

Total lumen output
776 lm

Efficacy
86 lm/W

9W - 24° | UGR 18

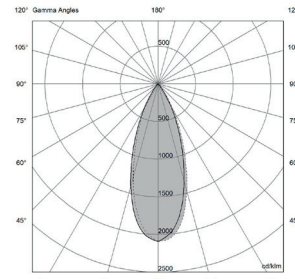


H (m)	D (m)	Eav (lx)
1	0.48	1713
2	0.95	428
3	1.43	190
4	1.90	107
5	2.38	69

Total lumen output
767 lm

Efficacy
85 lm/W

9W - 33° | UGR 20

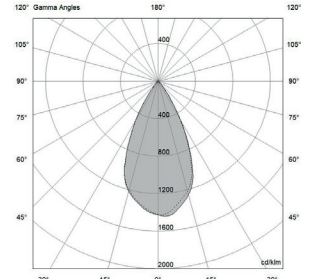


H (m)	D (m)	Eav (lx)
1	0.69	849
2	1.37	212
3	2.06	94
4	2.75	53
5	3.43	34

Total lumen output
680 lm

Efficacy
76 lm/W

9W - 52° | UGR 22

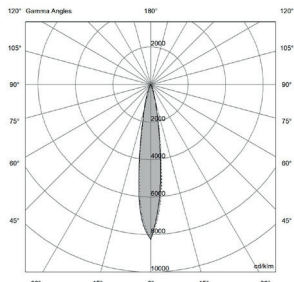


H (m)	D (m)	Eav (lx)
1	1.08	479
2	2.15	120
3	3.23	53
4	4.30	30
5	5.38	19

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

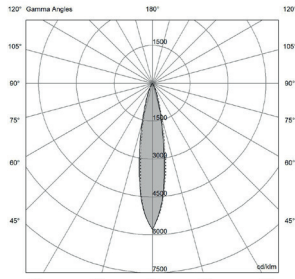
Total lumen output
673 lm

Efficacy
75 lm/W

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PHOTOMETRIC DATA (3000K CRI>90)

9W - 18° | UGR 17

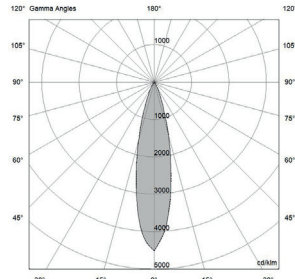


H (m)	D (m)	Eav (lx)
1	0.34	2816
2	0.69	704
3	1.03	313
4	1.37	176
5	1.72	113

Total lumen output
776 lm

Efficacy
86 lm/W

9W - 24° | UGR 18

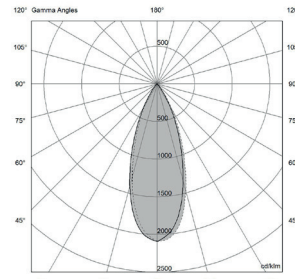


H (m)	D (m)	Eav (lx)
1	0.48	1713
2	0.95	428
3	1.43	190
4	1.90	107
5	2.38	69

Total lumen output
767 lm

Efficacy
85 lm/W

9W - 33° | UGR 20

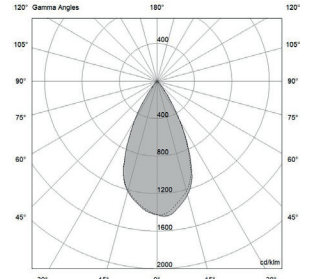


H (m)	D (m)	Eav (lx)
1	0.69	849
2	1.37	212
3	2.06	94
4	2.75	53
5	3.43	34

Total lumen output
680 lm

Efficacy
76 lm/W

9W - 52° | UGR 22

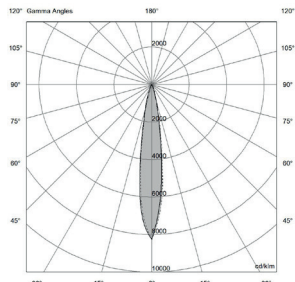


H (m)	D (m)	Eav (lx)
1	1.08	479
2	2.15	120
3	3.23	53
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Total lumen output
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9W - 14° | UGR 17



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1	0.28	3532
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Total lumen output
673 lm

Efficacy
75 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

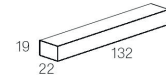
Fixing frame (A01592._0)

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

SUGGESTED REMOTE DRIVERS

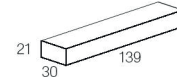
On/Off :

CC10-F-500-SI



Ø 28

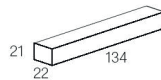
CC23-F-700-SP



Ø 37

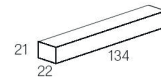
Multifunction (DALI 2, 0/1-10V, PUSH RIPPLE FREE, AM DIMMING):

CC15-D-500-S



Ø 30

CC15-D-700-S



Ø 30

Other options upon request