Ariel PN-F

Projectors | IP40 | Class III | Dimmable
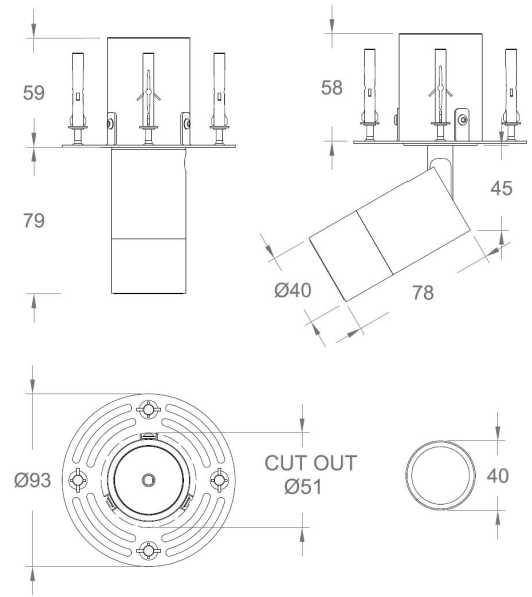
Fixing frame

+

Module

+

Interchangeable accessories

59

79

58

45

Ø40 78

Ø93

CUT OUT Ø51

40

LIGHT SOURCE & OPTIC

Power
9W
13W

Lens
14° - not intercheangeable
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
(L70) >77.000 hrs

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
280gr

Mounting
Semirecessed: cut out Ø 51mm

Fixing
Fixing frame for trimless flush mount

Working temperature
-20° / +40°

ELECTRICAL FEATURES

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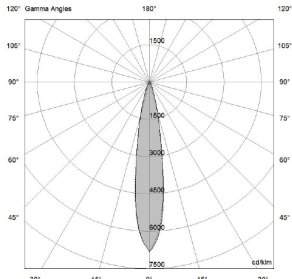Typical Vf= 18V

Driver requirement
Remote (not included)

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

Ariel PN-F

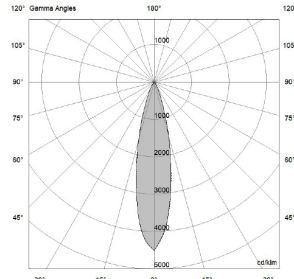## PHOTOMETRIC DATA (3000K CRI>90)

9W - 18° | UGR 12

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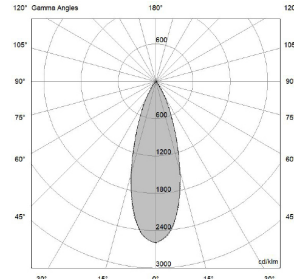
H (m)	D (m)	Eav (lx)
1	0.60	980
2	1.21	245
3	1.81	109
4	2.41	61
5	3.02	39

Total lumen output
618 lm

Efficacy
69 lm/W

9W - 52° | UGR 20
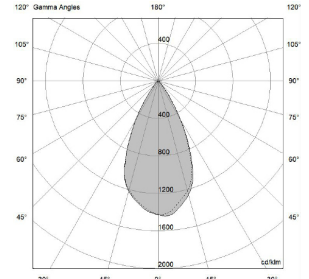
H (m)	D (m)	Eav (lx)
1	0.69	550
2	1.93	138
3	2.89	61
4	3.85	34
5	4.82	22

Total lumen output
683 lm

Efficacy
76 lm/W

9W - 14° | UGR 9
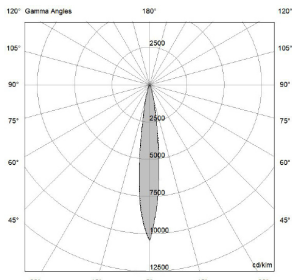
H (m)	D (m)	Eav (lx)
1	0.25	4298
2	0.50	1074
3	0.76	478
4	1.01	269
5	1.26	172

Total lumen output
659 lm

Efficacy
73 lm/W

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DGA

PHOTOMETRIC DATA (3000K CRI>90)

13W - 18° | UGR 13
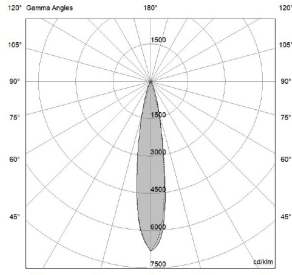
H (m)	D (m)	Eav (lx)
1	0.32	3890
2	0.65	972
3	0.97	432
4	1.30	243
5	1.62	156

Total lumen output
901 lm

Efficacy
69 lm/W

13W - 24° | UGR 15
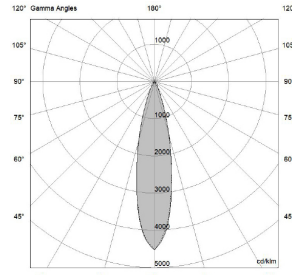
H (m)	D (m)	Eav (lx)
1	0.42	2406
2	0.84	602
3	1.25	267
4	1.67	150
5	2.09	96

Total lumen output
860 lm

Efficacy
66 lm/W

13W - 33° | UGR 17
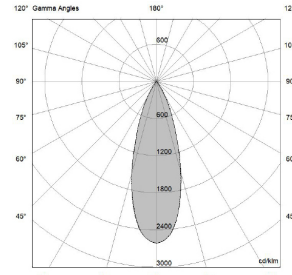
H (m)	D (m)	Eav (lx)
1	0.60	1228
2	1.21	307
3	1.81	136
4	2.41	77
5	3.02	49

Total lumen output
770 lm

Efficacy
59 lm/W

13W - 52° | UGR 21
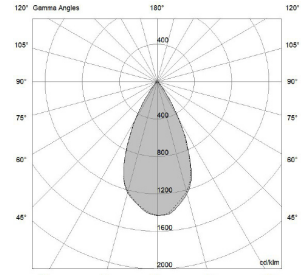
H (m)	D (m)	Eav (lx)
1	1.38	219
2	2.76	55
3	4.14	24
4	5.52	14
5	6.90	9

Total lumen output
844 lm

Efficacy
65 lm/W

13W - 14° | UGR 10
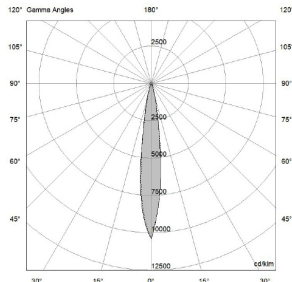
H (m)	D (m)	Eav (lx)
1	0.25	5271
2	0.50	1318
3	0.75	586
4	1.00	329
5	1.25	211

Total lumen output
813 lm

Efficacy
63 lm/W

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INTERCHANGEABLE ACCESSORIES

Optical Filters
Hex louver
Elliptical Filter
Prismatic filter
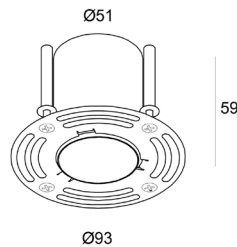Softening lens

Lenses
18°/ 24° / 33°/ 52°

Decorative rings
Black
Gold Chrome
Satin Gold
Satin Nickel
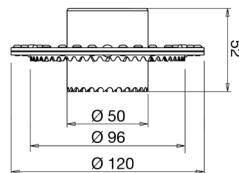Shiny Chrome

INSTALLATION ACCESSORIES

Fixing rame (A01726.30)
Necessary element: please specify always 1 frame for each Fixture in the purchase order

Ø51
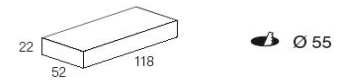59
Ø93

INSTALLATION TOOL
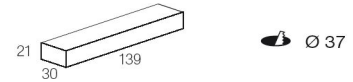
Hole saw (A00832.H0)
available for easier installation

52
Ø 50
Ø 96
Ø 120

SUGGESTED REMOTE DRIVERS

On/Off :
CC20-F-500-N

22
52   118
Ø 55

CC23-F-700-SP

21
30   139
Ø 37

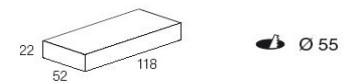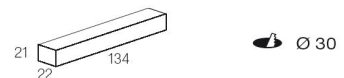### Multifunction (DALI 2, 0/1-10V, PUSH RIPPLE FREE, AM DIMMING):
CC25-DM-500-N

22
52   118
Ø 55

CC15-D-700-S

21
22   134
Ø 30

Other options upon request