

# Saturno AF dynamic white

Downlights | IP40 | Class III | Dimmable



Fixing  
frame



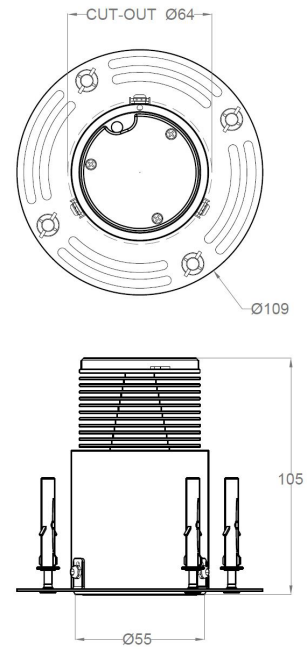
+

Module



+

Interchangeable  
accessories



## LIGHT SOURCE & OPTIC

### Power

18W

### Lens

12° - not interchangeable  
18°/ 24°/ 33°/ 52° - interchangeable

### Beam Direction

Fixed, 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)

12°: 1639 lm  
18°/ 24°/ 33°/ 52°: 2012 lm

## FIXTURE

### Dimensions

Ø 109mm x H 105mm (within frame)

### 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

430gr

### Mounting

Recessed: cut out Ø 64mm

### Fixing

Fixing frame for flush mounting

### Working temperature

-20° / +40°

## ELECTRICAL FEATURES

### Power supply

Constant current:  
500 mA  
Typical Vf= 36V

### Driver requirement

Remote (not included)

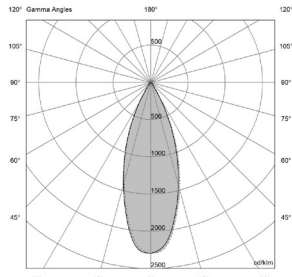
### Control

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

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

### 18W - 33° | UGR 16

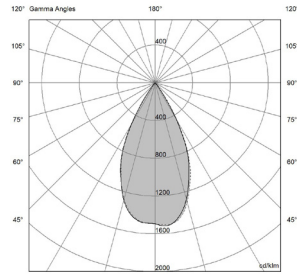


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.66     | 934         |
| 2        | 1.32     | 233         |
| 3        | 1.99     | 104         |
| 4        | 2.65     | 58          |
| 5        | 3.231    | 37          |

**Total lumen output**  
687 lm

**Efficacy**  
38 lm/W

### 18W - 52° | UGR 18



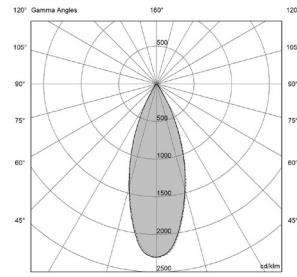
| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.97     | 732         |
| 2        | 1.94     | 183         |
| 3        | 2.91     | 81          |
| 4        | 3.89     | 46          |
| 5        | 4.86     | 29          |

**Total lumen output**  
869 lm

**Efficacy**  
48 lm/W

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

### 18W - 33° | UGR 17

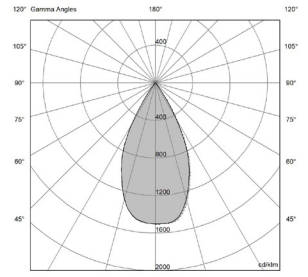


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.67     | 1517        |
| 2        | 1.33     | 379         |
| 3        | 2.00     | 169         |
| 4        | 2.67     | 95          |
| 5        | 3.33     | 61          |

**Total lumen output**  
1115 lm

**Efficacy**  
62 lm/W

### 18W - 52° | UGR 20



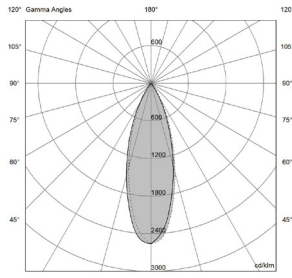
| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.98     | 1190        |
| 2        | 1.95     | 297         |
| 3        | 2.93     | 132         |
| 4        | 3.90     | 74          |
| 5        | 4.88     | 48          |

**Total lumen output**  
1416 lm

**Efficacy**  
78 lm/W

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

### 18W - 33° | UGR 18

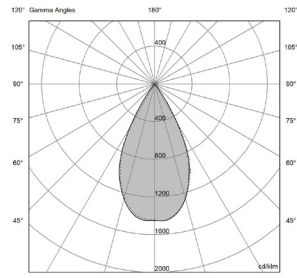


| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 0.60     | 2221        |
| 2        | 1.20     | 555         |
| 3        | 1.80     | 247         |
| 4        | 2.40     | 139         |
| 5        | 3.00     | 89          |

**Total lumen output**  
1452 lm

**Efficacy**  
81 lm/W

### 18W - 52° | UGR 20



| H<br>(m) | D<br>(m) | Eav<br>(lx) |
|----------|----------|-------------|
| 1        | 1.01     | 1223        |
| 2        | 2.02     | 306         |
| 3        | 3.02     | 136         |
| 4        | 4.03     | 76          |
| 5        | 5.04     | 49          |

**Total lumen output**  
1518 lm

**Efficacy**  
84 lm/W

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## INTERCHANGEABLE ACCESSORIES

### Lenses



33° Lens  
(A01198.80)  
52° Lens  
(A01199.80)

### Optical filters



Elliptical Filter  
(A01186.80)



Hex Louver  
(A01187.40)

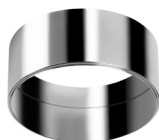


Prismatic Filter  
(A01188.80)



Softening Lens  
(A01189.80)

### Decorative rings



Shiny Chrome  
(A01273.10)



Gold Chrome  
(A01273.10)



SatinGold  
(A01272.80)



SatinNickel  
(A01273.N0)

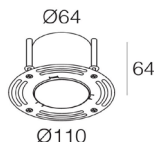


Black  
(A01273.40)

## INSTALLATION ACCESSORIES

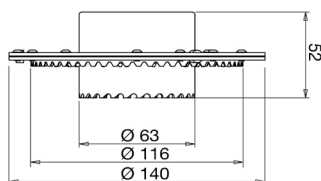
Fixing rame (A01234.30)

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



Hole saw (A00830.H0)

available for easier installation

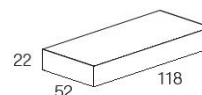


## SUGGESTED REMOTE DRIVERS:

### DYNAMIC WHITE

**Dimmable multifunction driver (DALI2 0/1...10V, PUSH, RIPPLE FREE, AM DIMMING)**

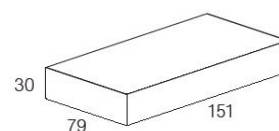
CC25-DM-500-N



### TUNABLE WHITE

**Dimmable multifunction driver (DALI 2 DT8, PUSH, RIPPLE FREE, AM DIMMING):**

CC45-D-2x500-N



Other options upon request