

# Arne S

## Pendant floodlight

Urbidermis Team  
2018

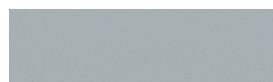


## Product description

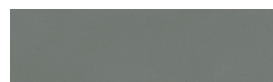
### Certificates



### Finishes



Light grey



Medium grey



Dark grey

The finishes shown are purely indicative. With **Superior** protection: high corrosion resistance for environments with demanding climate conditions. For coastal areas with severe climate conditions, check out our Premium protection finish. Other colours are available upon request.

### Materials

- EN-AC-47100 anodised die-cast aluminium floodlight with powder-coated finish
- Interior ABS-PC plastic reflector.
- Tempered optical glass diffuser.
- EN-AC-46100 anodised die-cast aluminium rosette with powder-coated finish,
- A2 stainless steel hardware and metal cable gland.

### Installation and maintenance

- It is supplied in packaging.
- Instructions and hardware included.
- The system is compatible with an electrical installation that is integrated into the ceiling.
- Fixing studs not included.
- It is recommended to secure it on a uniform, continuous surface.
- Includes pressure compensation valve.
- Clean using pH neutral, alcohol-free, non-abrasive cleaning products.

### Regulations

- UNE-EN 60529
- UNE-EN 60598
- UNE-EN 55015
- UNE-EN 61000
- UNE-EN 50102
- UNE-EN 62031
- Lighting system with CE marking from a laboratory certified by ENAC [Spanish National Accreditation Body]
- IP66 (hermetically protected from penetration of dust and water jets)
- IK08 (protected from external mechanical impacts)
- Electrical class: Class I (CE)

# Technical information

## System power (W)

High efficiency optical unit  
- COB 16W, 23W, 32W

## Operating current (mA)

- CE: 350, 500, 700  
- UL: 350, 500

## Colour temperature (K)

- 3000 CRI min 80  
- 2700 CRI min 80

Other colour temperatures and/or CRIs are available upon request.

## Protocols and control

### Protocols

- CE - DALI  
- UL - 0-10V

### Functionalities

- Constant Luminous Management (CLM)  
- Temperature control  
- Surge protector (CE)

## Recommended cable

0,6-1kV  
5 x 1,5mm<sup>2</sup> (AWG18)  
3 x 2,5mm<sup>2</sup> (AWG16)

## Operating voltage

220-240V 50-60Hz (CE)  
120-277V 60Hz (UL)

## Nominal operating temperature (°C)

Ta 30

## Service life

TM21 L90 (10k) > 100,000 h  
Luminous flux is maintained at 90% after 100,000 h.

## Upper Hemisphere Flux (UHF%)

0

## Surface exposed to wind (m<sup>2</sup>)

SW 0.03

## Weight kg [lb]

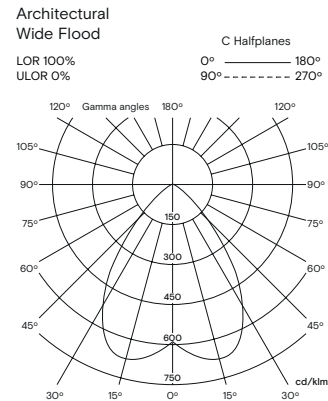
Floodlight: 5.7 [12.6]

Approximate weight without packaging.

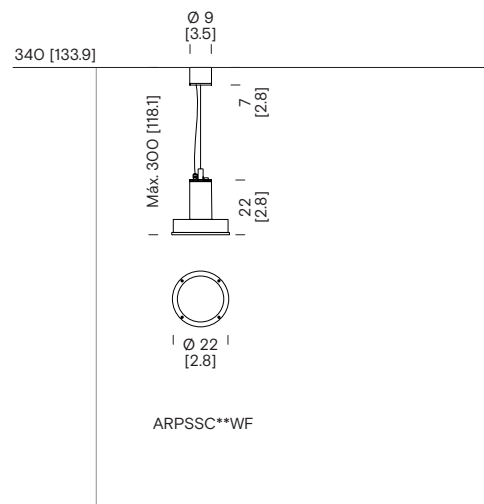
## Power factor (cos Φ)

Current (mA)	P (W) 100% CLO 90%	
	COB	
350	0,95	
500	0,97	
700	0,99	

## Lighting distributions



## Dimensions cm [in]



Arne S					Wide Flood **WF	
Reference	System power (W)	No. of LEDs	Colour temperature (K)	Current (mA)	Luminous flux (lm)	Luminous efficacy (lm/W)
ARPSSCA1**	16	COB	3000 CRI min80	350	1686	105
ARPSSCB1**	23			500	2304	100
ARPSSCC1**	32			700	3069	96
ARPSSCA3**	16		2700 CRI min80	350	1584	99
ARPSSCB3**	23			500	2166	94
ARPSSCC3**	32			700	2885	90