

Arne

Floodlight

Urbidermis Team
2013



Product description

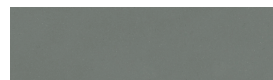
Certificates



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

- Anodised injected aluminium EN-AC-47100 floodlight with powder-coated finish.
- Interior ABS-PC plastic reflector.
- Tempered optical glass diffuser.
- A2 stainless steel hardware and metal cable gland.

Installation and maintenance

- The floodlight has a variety of accessories that allow it to be adapted for different columns, structures, surfaces or wirings.
- The element is delivered as two separate components: the floodlight and the accessory.
 - Instructions and hardware included.
 - Includes pressure compensation valve and 10kV surge protector (CE).
 - Clean using pH neutral, alcohol-free, non-abrasive cleaning products. The optical glass can be cleaned with non-abrasive cleaning products.

Regulations

- UNE-EN 60529
- UNE-EN 60598
- UNE-EN 55015
- UNE-EN 61000
- UNE-EN 50102
- UNE-EN 62031
- UL 1598
- UL 8750
- E-505192
- 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)
- Suitable for wet areas
- IK08 (protected from external mechanical impacts)
- Electrical class: Class I (CE)

Technical information

System power (W)

High efficiency optical unit
18 LEDs 21W, 30W, 40W
36 LEDs 39W, 56W, 78W

Operating current (mA)

350 / 500 / 700

Colour temperature (K)

4000 CRI min80 2200 CRI min70
3000 CRI min80 PC Amber CRI min40
2700 CRI min80

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

Power supply

Constant current driver.

Protocols and control

Protocols

- 1-10V protocol
- Dali protocol

Control

- Dynamic programming
- Analogue control

Functionalities

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

Recommended cable

0,6-1kV
5 x 1,5mm² (AWG18)
3 x 2,5mm² (AWG16)

Operating voltage

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

Nominal operating temperature (°C)

Ta 35

Service life

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

Upper Hemisphere Flux (UHF%)

AR1P, AR2P, AR3P: 0
AR4P: 8

Surface exposed to wind (m²)

SW 0.04

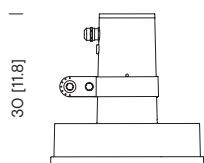
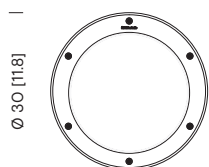
Weight kg [lb]

AR1P floodlight: 6.2 [13.7]
AR2P, AR3P, AR4P floodlights: 5.7 [12.6]
Approximate weight without packaging.

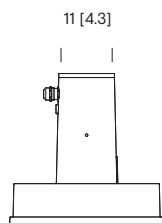
Power factor (cos Φ)

Current (mA)	P (W) 100% CLO 90%	
	18 LEDs	36 LEDs
350	0.93	0.95
500	0.95	0.97
700	0.97	0.98

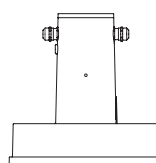
Dimensions cm [in]



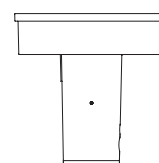
AR1P
ARA01, ARA02, ARA04 *



AR2P
ARA03, ARA05, ARA06, ARA07 *



AR3P
ARA03 *



AR4P
ARA08, ARA09, ARA10 *

* Check the accessories

Lighting distributions

