



ARNE

1/8

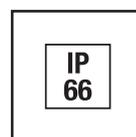
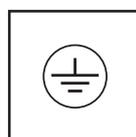
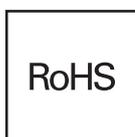
Product description

1

1.1 Description

With simple shapes and a neat size, the Arne floodlight is practical and fits into all types of urban space. The LED module enables a range of compositions, number of LEDs, power, colour temperatures and optics. With a range of bracket types, it can easily be attached to various existing poles.

1.2 Luminaire characteristics



1.3 Material and finishes

The entire unit is made of recycled aluminium with a paint finish. Interior heat sink made of anodized extruded aluminium. Tempered glass diffuser. Stainless steel arm and clamp with a painted anti-corrosive finish.



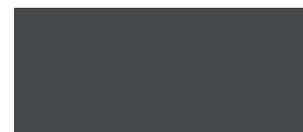
Light grey

RAL 9006



Medium grey

RAL 9007



Dark grey

RAL 7024



Terracotta

RAL 3009



Blue

RAL 5001

NEW COLOUR

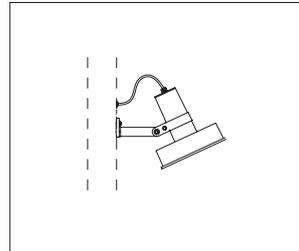
NEW COLOUR

Design options

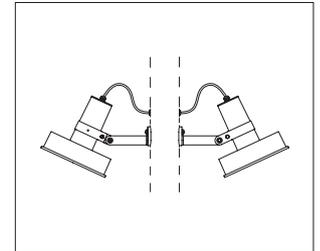
2

2.1 Structural components

A:
Basic floodlight
accessories

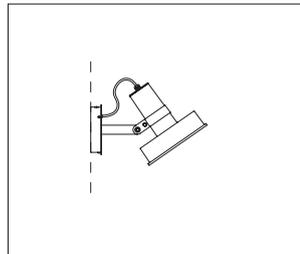


Short arm
pole attachment

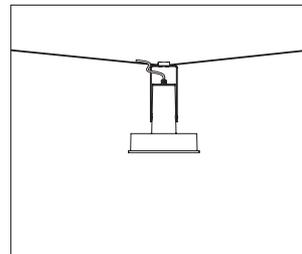


Double short arm
pole attachment

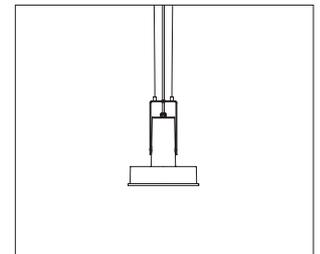
NEW MODEL



Wall
single attachment

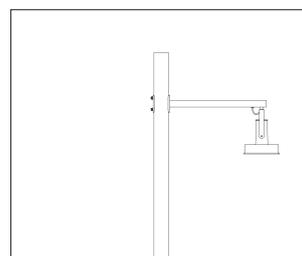


Catenary mounted



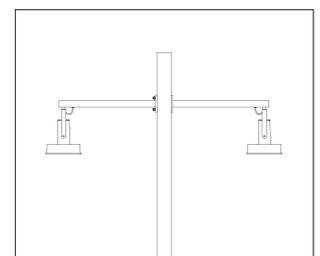
Hanging mounted

B:
Multiple
structures
accessories



Long arm
pole attachment

NEW MODEL



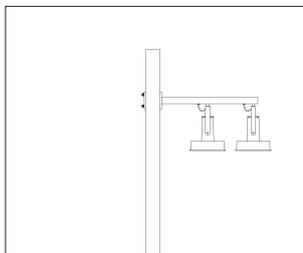
Double long arm
pole attachment

NEW MODEL

Design options

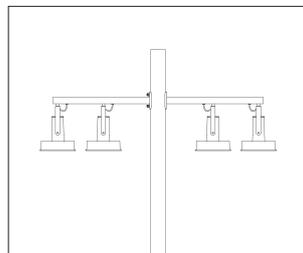
2

2.1 Structural components



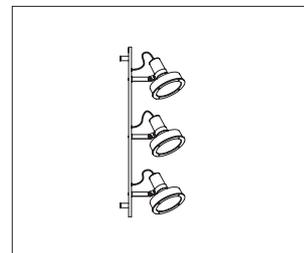
Long arm
pole attachment
with two luminaires

NEW MODEL



Double long arm
pole attachment
with four luminaires

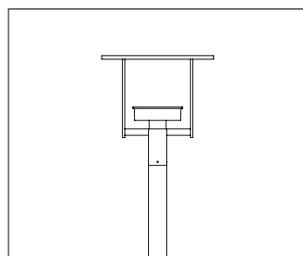
NEW MODEL



Multiple
wall attachment

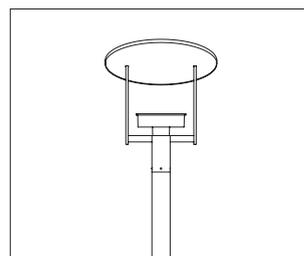
NEW MODEL

C:
Indirect
lighting
accessories



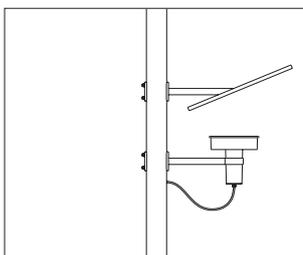
Symmetric
top pole

NEW MODEL



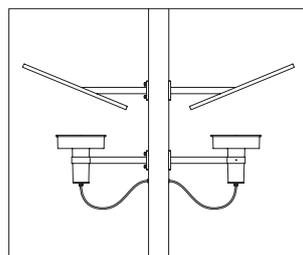
Asymmetric
top pole

NEW MODEL



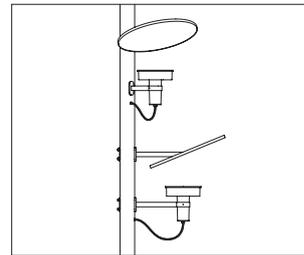
Asymmetric
arm pole attachment

NEW MODEL



Double asymmetric
arm pole attachment

NEW MODEL



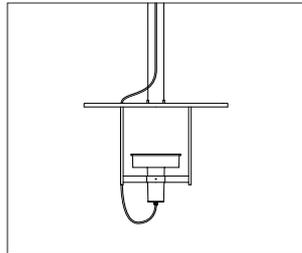
Multiple asymmetric
arm pole attachment

NEW MODEL

Design options

2

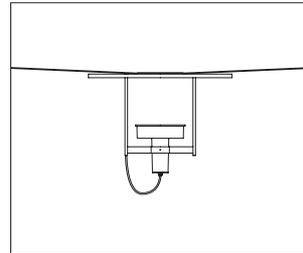
2.1 Structural components



Symmetric

hanging mounted

NEW MODEL



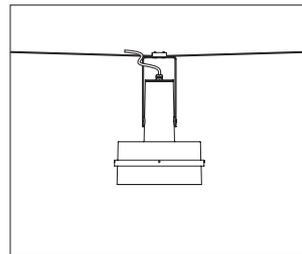
Symmetric

catenary mounted

NEW MODEL

2.2 Optical components

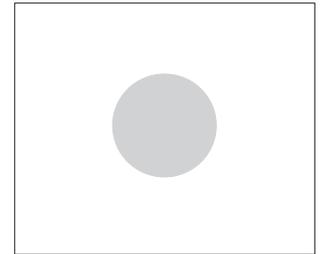
Lighting
comfort
accessories



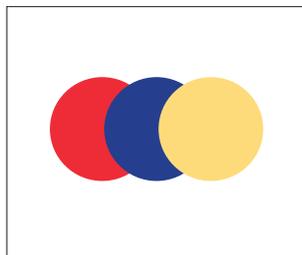
Long cylindrical

screen

NEW ACCESSORIZE



Opal diffuser



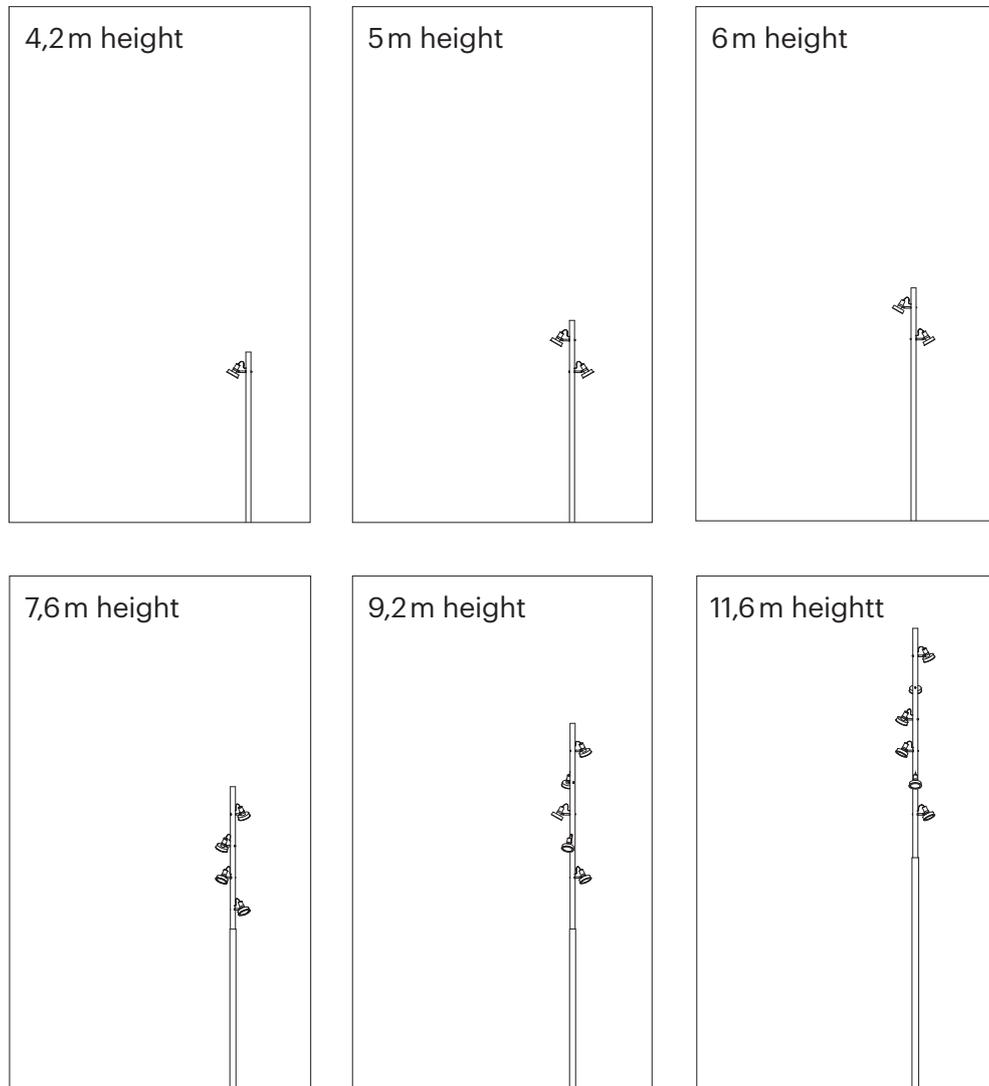
Coloured filters

NEW ACCESSORIZE

Design options

2

2.3 Pole configurations



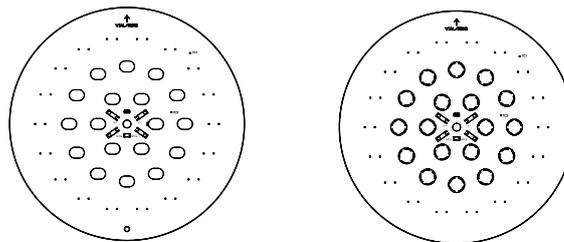
Light unit

3

3.1 Lamp

Street or flood optics unit. Adjustable electronic power supply.

A:
Optical unit



18 LED

Intensity: 350 mA - 500 mA

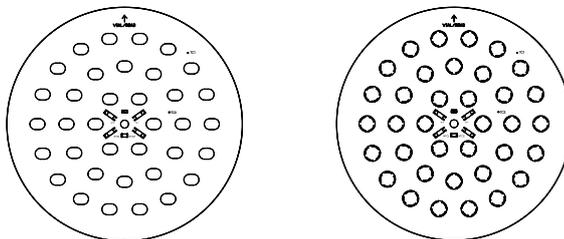
System power: 17W - 25W

Luminous flux: 1986 lm - 2454 lm

Light unit

3

3.1 Lamp



36 LED

Intensity: 350 mA - 500 mA

System power: 34W - 50W

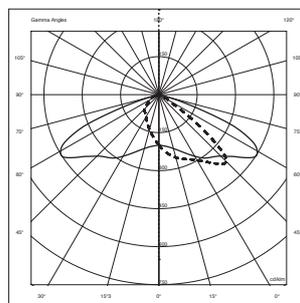
Luminous flux: 3329 lm - 5396 lm

B:
LED
configurations

Colour temperature (°K)	3000K-CRI80 (min.)		4000K-CRI70 (min.)	
	18	36	18	36
no LED				
Operating current (mA)	350 500	350 500	350 500	350 500
Nominal lamp power (W)	17 25	34 50	17 25	34 50
System power (W)	21 29	39 55	21 29	39 55
Luminaire luminous flux (lm/W)	1.734 2.452	3.329 4.553	1.968 2.696	3.937 5.393
Luminaire efficacy (lm/W)	85 86	85 83	96 94	101 98

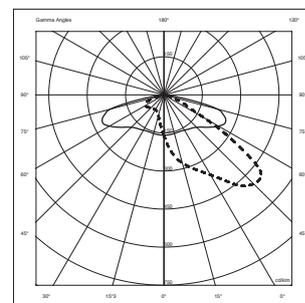
3.2 Light distribution

A:
Projector
and multiple
structures



ST 2 Type II*

asymmetric



ST 3 Type III*

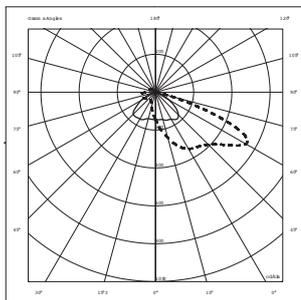
asymmetric

NEW DISTRIBUTION

Light unit

3

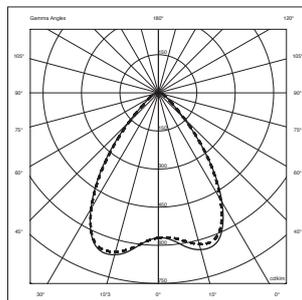
3.2 Light distribution



ST 4 Type IV*

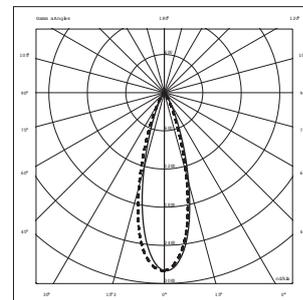
asymmetric

NEW DISTRIBUTION



WF Wide flood 72°

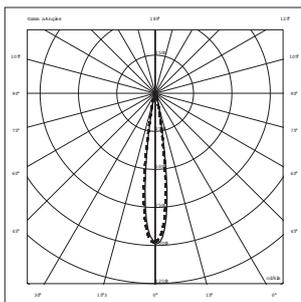
symmetric



M Medium 30°

symmetric

NEW DISTRIBUTION



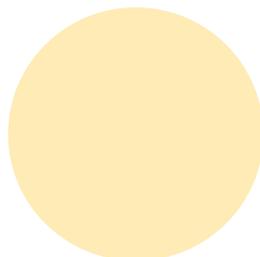
SP Spot 15°

symmetric

NEW DISTRIBUTION

* According to IESNA classification (Illuminating Engineering Society of North America)

3.3 Light temperature



3000 K

Warm white



4000 K

Neutral white

Light unit

3

3.4 Programming options

1-10 V system

Allows remote control of the luminous flux between 10% and 100% using an analogue signal ($V_i \geq 8V$: 100% / $V_i \leq 1V$: 10%)

Dali system (Digital Adressable Lighting Interface)

This is a very reliable digital bi-directional system to regulate the luminous flux and receive data on the status of the light plates for maintenance purposes.

The luminaires can be reprogrammed remotely using auxiliary devices to change the initial programming pattern.

Dynadimmer

The flow of light can be adjusted according to the time of day to save energy.

An example of dimming with Dynadimmer:

Until 11pm: luminaire function 100%
11pm to 5am: luminaire function 70%
After 5am: luminaire function 90%

AmpDim (phase-cut dimming)

This type of dimming does not require an additional control line. A standard controller is connected between the power line and the electronic equipment. The voltage variation can control the flow between 1% and 100%.