

# ArcFlood 40

40x3W outdoor compact LED source



**ArcFlood 40** is a LED luminaire conceived for architectural lighting projects of building facades and accent lighting, thanks to its high luminous output and versatility allowed by the design of the external structure. The light-source employs 40 high power 3W CREE LED, granting astonishing performance even for long-throw projection, representing a green replacement to the traditional discharge lamp outdoor projectors. **ArcFlood 40** has been designed with the innovative screw-less design for the frontal panel, which allows an IP66 protection rate for outdoor lighting projects. The wide range of accessory optics allows passing from a 6° narrow beam to 55° flood diffusion, providing the lighting designer with an indispensable tool for his projects.

## MAIN FEATURES

- 40x3W CREE LEDs
- Beam angle 12°
- IP66 rating for outdoor installations

## VERSIONS

Code	CCT	Lumen
<b>ARCFLOODCW</b>	Cold White	4'300 lm
<b>ARCFLOODWW</b>	Warm White	3'200 lm

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 40x3W CREE LEDs
- Luminous flux: (CW) 4'300 lm - WW @full 3'200 lm
- Lux: 12° @full CW 17'277 lx - WW 12'703 lx
- Source life expectancy: > 50.000 h

### OPTICS

- Beam angle: 12°
- Additional optics: 6° - 30° - 55° optional

### COLOUR SYSTEM

- White presets: 3.200 K ~ 10.000 K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-build macros with adjustable speed

### DYNAMIC EFFECTS

- Static colour mode: selection of static colour
- Manual colour mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment

### BODY

- Body: sturdy die-cast aluminium body
- Body colour: white

### CONTROL

- Protocols: DMX512
- Display: user interface through ARCMAT external coder

### ELECTRONICS

- Operating temperature: -40° ~ +45°

### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 115W

### PHYSICAL

- Cooling: passive cooling and fan-free
- Suspension and fixing: bracket for hanging and positioning
- Signal connection: moulded IP signal IN/OUT connectors
- Power connection: moulded IP signal IN/OUT connectors
- IP rating: 66 for outdoor installations
- Dimensions (WxHxD): 370x350x89mm
- Weight: 8,5kg

## ACCESSORIES & RELATED PRODUCTS

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|--------------|---|
| ▪ ARCFL40L6  | Spare optics for ARCFLOOD40 projectors, 6°  |
| ▪ ARCFL40L30 | Spare optics for ARCFLOOD40 projectors, 30° |
| ▪ ARCFL40L55 | Spare optics for ARCFLOOD40 projectors, 55° |

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| ▪ ARCMAT | External user interface for architectural LEDs with built-in power supply |
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