



# Eye-catching display effects

## ProFlood LED

ProFlood LED is a waterproof projector allowing both image projection and creative light framing – a powerful tool that gives display lighting designers great creative freedom. They can adjust the projector's output to precisely match the surroundings or to create a particular effect, virtually 'sculpting' the light.

### Benefits

- Exceptionally high-quality output, including advanced control of light distribution and significantly reduced glare
- Easy to install and adjust

### Features

- Projection of text, logos, patterns and other images by means of a gobo
- Adjustable shutters enable accurate framing of monochrome or colour beams
- Adjustable beam (from 20 ° to 40 °) to precisely match the surroundings and adjust the focus and uniformity
- Long lifetime of 50 Khrs L80 at Tq +25 °C
- Anamorphosis: dedicated software makes it possible to calculate the required gobo form to offset the distortion.

### Application

- Modern and classical buildings, architectural floodlighting

### Specifications

Type	BCP608
Light source	Integral LED-module
Power	55 W (+/-5 %)
Luminous flux	5,590 lm (LED flux)

Correlated Colour Temperature	4,000 K
Colour Rendering Index	>70

## ProFlood LED

<b>Lumen maintenance at median useful life*</b>	min L80
<b>50,000 h</b>	
<b>Control gear failure rate at median useful life</b>	5%
<b>50,000 h</b>	
<b>Performance Ambient Temperature Tq</b>	+25 °C
<b>Operating temperature range</b>	-20 to 35 °C
<b>Driver</b>	Built-in (self-ballasted LED-module)
<b>Power/Data supply</b>	Xitanium LED drivers 50 W/s
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Inrush current</b>	20 A
<b>Dimming</b>	No
<b>Control system input</b>	No
<b>Options</b>	Class I and Class II Marine-salt protected (MSP), 500 hrs Other RAL colours available Module Temperature Protection (NTC)
<b>Optic</b>	ZoomSpot *Four non-reflecting lenses: beam angle adjustments of 2 x 10° to 2 x 20° (Zoom spot) *Image size (Ø): adjustable by moving the lens along the optical axis *Image focus: adjustable by moving the two lenses along the optical axis *Image uniformity: adjustable by moving the diaphragm (Ø 50 mm) along the optical axis

<b>Optical element</b>	Optical lenses set
<b>Optical cover</b>	Glass clear, with anti-reflection coating
<b>Material</b>	Housing: aluminium casting, ultra-dark grey
<b>Colour</b>	RAL10714 painting
<b>Maintenance</b>	Mains connector access by opening the rear cover by one clip (does not affect the optical settings) No internal cleaning required
<b>Installation</b>	Outdoor: on mast-head frame/wall or Indoor: on roof or ceiling/wall *U-shaped mounting bracket with a foot-print suitable for 3-point fixation by means of M14 bolts Max adjustment from the horizontal: -180 to +180° Max vertical aiming: -90 to +90° Operating temperature: -20 <Ta< +35 °C Projected area in horizontal position: 0.12 m² *Standing-up or hanging-down mounting *Zoomspot system access by opening the front cannon A mains M20 cable gland that accepts cable diameters from 8 mm to 12 mm Mains connection: push-in connector, 3-poles
<b>Cable gland</b>	M 20
<b>Accessories</b>	GOBO support (100 mm), shutter, colour filter
<b>Remarks</b>	When the Proflood is installed to one side above or below the axis, the projected image without gobo correction becomes distorted. To overcome this, a specific 'ANAMORPHOSIS software' has been designed to calculate the required gobo form to offset the distortion. Special request: CRI 80   Surge Protection 10 kV   Dimmability with external box

## Versions



ProFlood LED BCP608 flood-lighting luminaire

## ProFlood LED

### Product details



ProFlood\_LED-BCP608-DP01.tif



ProFlood\_LED-BCP608-DP02.tif

