

LQ RGBW 150 - 1

General

The LQ RGBW 150 - 1 is a highly efficient and versatile LED fixture for architectural applications. Due to the light intensity the fixture in combination with narrow beam reflectors can be perfectly used to illuminate objects in a distance.

Multiple Protocols

The fixture can be controlled via a wide range of protocols. DMX is available by default, DALI is available as an option. The electronics of the fixture are prepared for optional Wireless DMX W-DMX or Lumenradio CRMX modules.

Mechanics

The fixture comes in a compact, rugged, anodised aluminium housing. Its small dimensions and the low weight of only 5.1Kg are allowing an easy positioning.

Optics

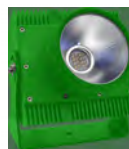
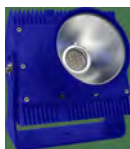
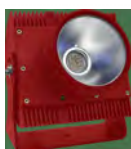
The available beam angles of the optical system are based on a vast range of own developed custom made reflectors. The calculations for the reflectors were made by optical specialists for this specific fixture range. The usage of a reflector compared to a lens system generally grants a more even light image and colour distribution.

Production

The development and the production of the fixture and its electronics are completely Made in Germany

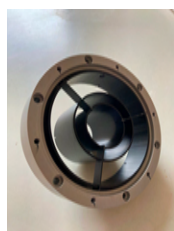
COMMON FEATURES

- Power supply: 240V AC, RGBW, tuneable white 1800°-6500°K
- System performance: 50W per channel limited to 125W
- Lumen performance per watt: Red 111, Green 166, Blue 69, White 174, (RGBW 16.251)
- LED lifetime: >75.000 hours, based on 25°C ambience temperature
- Controlled via DMX or DALI. Prepared for the optional integration of Wireless DMX (WDMX) or Lumenradio (CRMX) modules
- Cooling via natural convection
- Flicker free
- 16 bit resolution
- All working parameters can be set up and adjusted via IR programmer or magnetic sensor.
- Available beam angles: 5°, 10°, 30°, 50°, 70° and 100°
- IP65 protection
- Transversely waterproof outdoor cable
- Anodised aluminium housing Made in Germany
- Housing colours can be customised



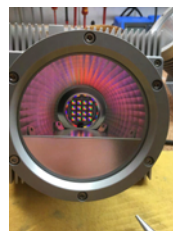
Accessories

Ring Louvre



Anti glare protection

Wallwash Reflector

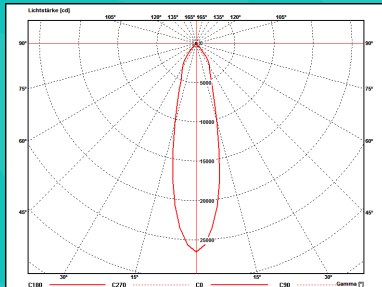


Ideal solution when the fixture is supposed to be positioned directly in front of the facade

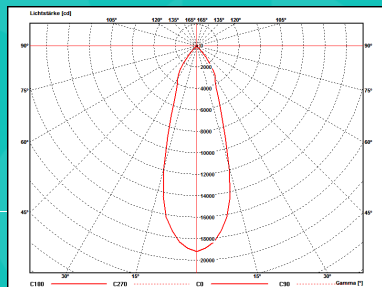


Photometrics

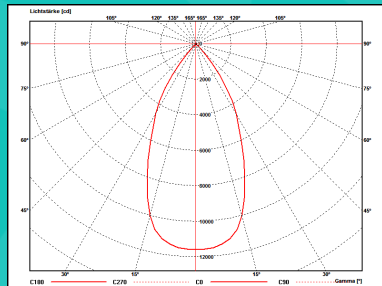
10° Reflector



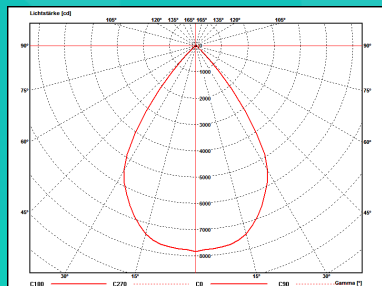
30° Reflector



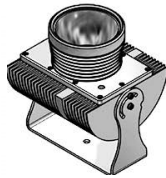
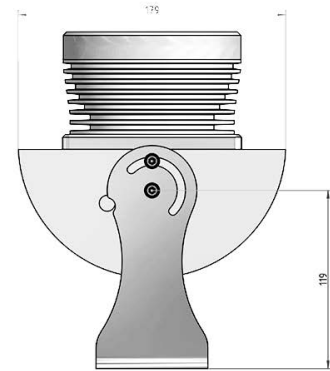
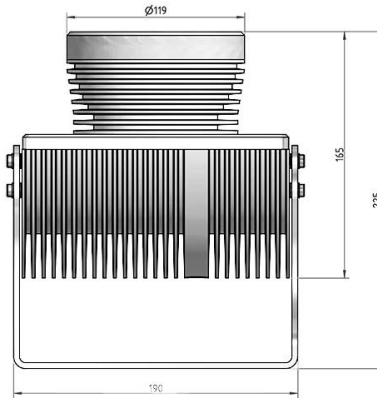
50° Reflector



70° Reflector



Mechanics



Schloß Heidecksburg, south wing 4.000
m2 facade, 160m length
1x 5°, 2x 10°, 6x 30° LQ RGBW 150 - 1

