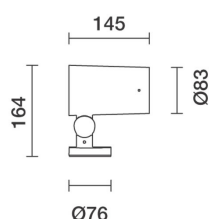


Last information update: April 2024

**Product configuration: Q715**

Q715: Spotlight with base - Warm White Led - Class III - Flood optic

**Product code**

Q715: Spotlight with base - Warm White Led - Class III - Flood optic

**Technical description**

Spotlight designed to use LED lamps and a Flood optic. The optical assembly and base is made of EN1706AC 46100LF aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. 5 mm thick tempered sodium-calcium closing glass. Double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks for rotation on both the vertical axis and horizontal plane. Complete with a monochrome LED circuit and an Opti Beam Reflector optic system. The product includes a PG13.5 cable gland. Black rubber outlet cable complete with anti-transpiration device. Electronic ballast to be ordered separately. Option of using optic accessories assembled via an accessory holder frame. All external screws used are made of A2 stainless steel.

**Installation**

Floor, wall, ceiling or ground-installed via a stake.

**Colour**

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

**Weight (Kg)**

1.3

**Mounting**

wall surface|ground spike

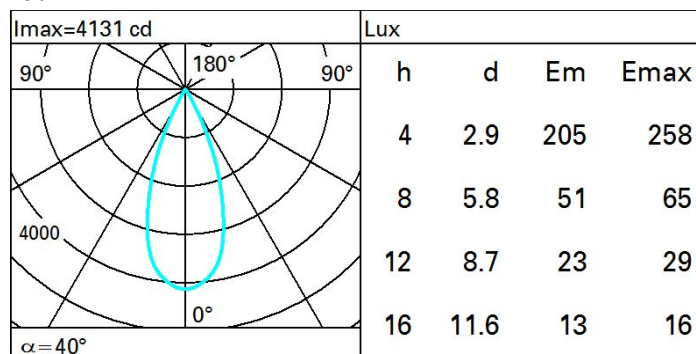
**Wiring**

The product is supplied with a black rubber outlet cable complete with anti-transpiration device L=1000mm.

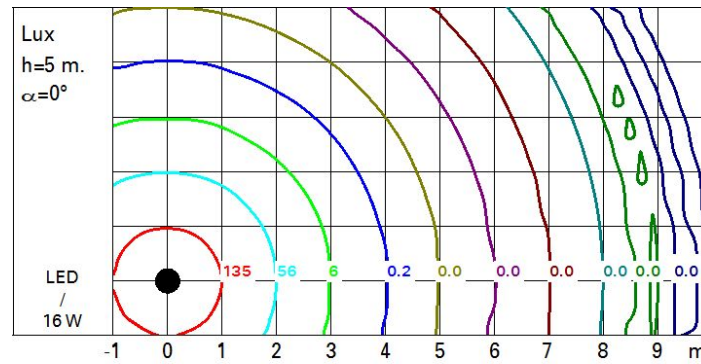
Complies with EN60598-1 and pertinent regulations

**Technical data**

|  |       |   |                                |
|--|-------|---|--------------------------------|
| Im system:   | 1762  | Colour temperature [K]:                               | 2700                           |
| W system:  | 16    | MacAdam Step:   | 2                              |
| Im source:   | 2230  | Life Time LED 1:                                      | 100,000h - L90 - B10 (Ta 25°C) |
| W source:  | 16    | Lamp code:  | LED                            |
| Luminous efficiency (Im/W, real value):            | 110.1 | Number of lamps for optical assembly:                 | 1                              |
| Im in emergency mode:                              | -     | ZVEI Code:  | LED                            |
| Total light flux at or above an angle of 90° [Lm]: | 0     | Number of optical assemblies:                         | 1                              |
| Light Output Ratio (L.O.R.) [%]:                   | 79    | Intervallo temperatura ambiente:                      | from -30°C to 35°C.            |
| Beam angle [°]:                                    | 40°   | Lifetime of product at ambient operating temperature: | ≥ 50.000h Ta=25°C              |
| CRI (minimum):                                     | 80    | LED current [mA]:                                     | 470                            |

**Polar**

### Isolux



### UGR diagram

| Corrected UGR values (at 2230 lm bare lamp luminous flux) |     |                  |      |         |      |      |                |      |         |      |      |
|---|-----|------------------|------|---------|------|------|----------------|------|---------|------|------|
| Reflect.:   |     | viewed crosswise |      |         |      |      | viewed endwise |      |         |      |      |
| ceiling   |     | 0.70             | 0.70 | 0.50    | 0.50 | 0.30 | 0.70           | 0.70 | 0.50    | 0.50 | 0.30 |
| walls   |     | 0.50             | 0.30 | 0.50    | 0.30 | 0.30 | 0.50           | 0.30 | 0.50    | 0.30 | 0.30 |
| work pl.  |     | 0.20             | 0.20 | 0.20    | 0.20 | 0.20 | 0.20           | 0.20 | 0.20    | 0.20 | 0.20 |
| Room dim  |     | viewed crosswise |      |         |      |      | viewed endwise |      |         |      |      |
| x   | y   |                  |      |         |      |      |                |      |         |      |      |
| 2H  | 2H  | 5.9              | 6.5  | 6.2     | 6.7  | 6.9  | 5.9            | 6.5  | 6.2     | 6.7  | 6.9  |
|   | 3H  | 5.8              | 6.3  | 6.1     | 6.6  | 6.8  | 5.8            | 6.3  | 6.1     | 6.5  | 6.8  |
|   | 4H  | 5.7              | 6.2  | 6.1     | 6.5  | 6.8  | 5.7            | 6.2  | 6.0     | 6.5  | 6.8  |
|   | 6H  | 5.7              | 6.1  | 6.0     | 6.4  | 6.7  | 5.6            | 6.1  | 6.0     | 6.4  | 6.7  |
|   | 8H  | 5.6              | 6.1  | 6.0     | 6.4  | 6.7  | 5.6            | 6.0  | 6.0     | 6.3  | 6.7  |
|   | 12H | 5.6              | 6.0  | 6.0     | 6.3  | 6.7  | 5.6            | 6.0  | 5.9     | 6.3  | 6.6  |
| 4H  | 2H  | 5.7              | 6.2  | 6.0     | 6.5  | 6.8  | 5.7            | 6.2  | 6.1     | 6.5  | 6.8  |
|   | 3H  | 5.6              | 6.0  | 6.0     | 6.3  | 6.7  | 5.6            | 6.0  | 6.0     | 6.4  | 6.7  |
|   | 4H  | 5.5              | 5.9  | 5.9     | 6.3  | 6.6  | 5.5            | 5.9  | 5.9     | 6.3  | 6.6  |
|   | 6H  | 5.5              | 5.8  | 5.9     | 6.2  | 6.6  | 5.5            | 5.8  | 5.9     | 6.2  | 6.6  |
|   | 8H  | 5.4              | 5.7  | 5.9     | 6.1  | 6.6  | 5.4            | 5.7  | 5.9     | 6.1  | 6.6  |
|   | 12H | 5.4              | 5.6  | 5.8     | 6.1  | 6.5  | 5.4            | 5.6  | 5.8     | 6.1  | 6.5  |
| 8H  | 4H  | 5.4              | 5.7  | 5.9     | 6.1  | 6.6  | 5.4            | 5.7  | 5.9     | 6.1  | 6.6  |
|   | 6H  | 5.4              | 5.6  | 5.8     | 6.0  | 6.5  | 5.4            | 5.6  | 5.8     | 6.0  | 6.5  |
|   | 8H  | 5.3              | 5.5  | 5.8     | 6.0  | 6.5  | 5.3            | 5.5  | 5.8     | 6.0  | 6.5  |
|   | 12H | 5.3              | 5.4  | 5.8     | 5.9  | 6.4  | 5.3            | 5.4  | 5.8     | 5.9  | 6.4  |
| 12H   | 4H  | 5.4              | 5.6  | 5.8     | 6.1  | 6.5  | 5.4            | 5.6  | 5.8     | 6.1  | 6.5  |
|   | 6H  | 5.3              | 5.5  | 5.8     | 6.0  | 6.5  | 5.3            | 5.5  | 5.8     | 6.0  | 6.5  |
|   | 8H  | 5.3              | 5.4  | 5.8     | 5.9  | 6.4  | 5.3            | 5.4  | 5.8     | 5.9  | 6.4  |
| Variations with the observer position at spacing:         |     |                  |      |         |      |      |                |      |         |      |      |
| S =   |     | 1.0H             | 6.6  | / -9.4  |      |      |                | 6.6  | / -9.4  |      |      |
|   |     | 1.5H             | 9.4  | / -10.3 |      |      |                | 9.4  | / -10.3 |      |      |
|   |     | 2.0H             | 11.4 | / -10.5 |      |      |                | 11.4 | / -10.5 |      |      |