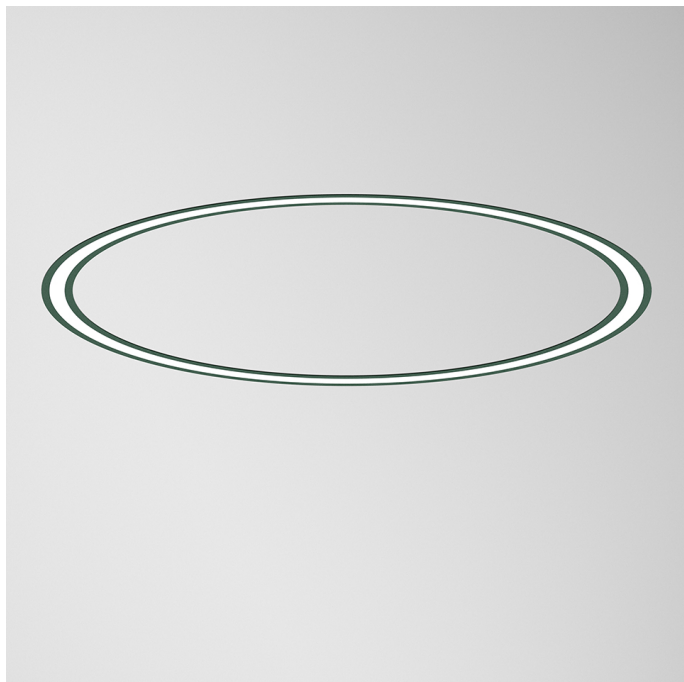


**CONCEPT O 35 /E D7939 BFLEX HF 830 N**

ARCHITECTURAL LIGHTING

**90708L176EN0300****Light distribution****PRODUCT DESCRIPTION**

**Application Areas:** Architectural, Offices, Hotels and residential, Public spaces, Retail, Art and Culture, Education, Health and care

**Mounting Type:** Recessed

**Control Gear Included:** Yes

**Control Gear:** LED driver 220-240VAC-50/60Hz

**CONCEPT O 35 /E D7939 BFLEX HF 830 N****CHARACTERISTICS**

**Luminaire Type:** Circular luminaire

**Insulation Class:** I

**Ingress Protection (IP):** 40

**Ambient Temperature Range (°C):** ]-5, 25[

**Fixing System:** Brackets

**Ceiling Thickness (mm):** 1-25

**Warranty (Years):** 5

**Current Supply Cable Entry Point:** Back

**Light Source:** LED

**Input Power (W):** 784

**Input Driver Voltage:** 220-240V-50/60Hz

**Power Factor (λ):** 0,98

**Luminaire Luminous Flux (lm):** 70520

**Luminaire Efficacy (lm/W):** 90

**Unified Glare Rating (UGR):** <25

**LED Lifetime - Rated Median Useful Life:** 70.000h @ L90, B10, Ta 25°C

**CCT - Correlated Colour Temperature (K):** 3000

**Colour Rendering Index (CRI):** >80

**Chromaticity Tolerance (MacAdam step):** <3

**LED Module Forward Voltage Range (VF):** 24V DC

**Power Supply Dimming:** ON/OFF

**Maximum of Luminaires by Magnetic Circuit Breaker B16:** <45

**DIMENSIONS**

**H - Height (mm):** 99.5

**D - Diameter (mm):** 7939

**MATERIALS**

**Body Material:** Extruded aluminium profile

**Finishing:** Epoxy polyester powder coated

**Colour:** Jungle (N)

**Glow-wire Resistance (°C):** 960

**OPTICAL SYSTEM**

**Optical System:** bFLEX - Opal diffuser

**Light Distribution:** Direct

**Beam Angle (°):** 112

**TECHNICAL DATA****NOTES**

- For diameter above Ø1497 mm the product is composed by multiple modules;
- To obtain the cutting dimensions, see the instruction manual attached to the product or on our website;
- The noise level is 20 dB, lower than the typical ambient sound levels recorded in environments such as libraries and reading rooms.