

CONCEPT O 35 /E D1856 BFLEX HF 840 L

ARCHITECTURAL LIGHTING

90708L040EL0000**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 D1856 BFLEX HF 840 L**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

MATERIALS

Body Material: Extruded aluminium profile

Finishing: Epoxy polyester powder coated

Colour: Autumn (L)

Glow-wire Resistance (°C): 960

OPTICAL SYSTEM

Optical System: bFLEX - Opal diffuser

Light Distribution: Direct

Beam Angle (°): 112

TECHNICAL DATA

Light Source: LED

Input Power (W): 166

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

Power Factor (λ): 0,99

Luminaire Luminous Flux (lm): 16506

Luminaire Efficacy (lm/W): 99

Unified Glare Rating (UGR): <25

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

CCT - Correlated Colour Temperature (K): 4000

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: <30

DIMENSIONS

H - Height (mm): 99.5

D - Diameter (mm): 1856

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.