

**CONCEPT O 35 D1853 BFLEX DALI 840 7**

ARCHITECTURAL LIGHTING

**90539L040H70000****Light distribution****PRODUCT DESCRIPTION**

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

**Mounting Type:** Surface mounted, Suspended

**Control Gear Included:** Yes

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

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

**Power Factor ( $\lambda$ ):** 0,99

**Luminaire Luminous Flux (lm):** 16506

**Luminaire Efficacy (lm/W):** 99

**Unified Glare Rating (UGR):** <22

**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:** DALI 2

**Maximum of luminaires by Magnetic Circuit Breaker B16:** <30

**CONCEPT O 35 D1853 BFLEX DALI 840 7****CHARACTERISTICS**

**Luminaire Type:** Circular luminaire

**Insulation Class:** I

**Ingress Protection (IP):** 40

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

**Warranty (Years):** 5

**Current Supply Cable Entry Point:** Back

**DIMENSIONS**

**H - Height (mm):** 56

**D - Diameter (mm):** 1853

**Net Weight (kg):** 14.6

**MATERIALS**

**Body Material:** Extruded aluminium profile

**Finishing:** Epoxy polyester powder coated

**Colour:** Copper (7)

**Glow-wire Resistance (°C):** 960

**OPTICAL SYSTEM**

**Optical System:** bFLEX - Opal diffuser

**Light Distribution:** Direct

**Beam Angle (°):** 112

**NOTES**

- For suspended version it is necessary to order suspension, current supply cable and ceiling rose separately;
- For diameter above D1494 mm the product is composed by multiple modules;
- To help simulate the product in the space, please check [CONFIGURATOR.INDEL AGUEGROUP.COM](http://CONFIGURATOR.INDEL AGUEGROUP.COM);
- The noise level is 20 dB, lower than the typical ambient sound levels recorded in environments such as libraries and reading rooms.

**TECHNICAL DATA**

**Light Source:** LED

**Input Power (W):** 166