

## CONCEPT SQ 35 Q1126 BFLEX DALI 840 7

ARCHITECTURAL LIGHTING

90704L027H70000



### Light distribution



L=1126mm

### 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

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### CHARACTERISTICS

**Luminaire Type:** Square luminaire

**Insulation Class:** I

**Ingress Protection (IP):** 40

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

**Warranty (Years):** 5

**Current Supply Cable Entry Point:** Back

### 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 (°):** 111

### TECHNICAL DATA

**Light Source:** LED

**Input Power (W):** 112

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

**Power Factor (λ):** 0,98

**Luminaire Luminous Flux (lm):** 10450

**Luminaire Efficacy (lm/W):** 93

**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):** 24

**Power Supply Dimming:** DALI 2

**Central Battery Emergency Lighting System (VDC):** 280-373

**Maximum of luminaires by Magnetic Circuit Breaker B16:** <15

### DIMENSIONS

**L - Length (mm):** 1126

**W - Width (mm):** 1126

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

### NOTES

- For suspended version it is necessary to order the suspension, the current supply cable and the ceiling rose. Please order separately;
- The noise level is 20 dB, lower than the typical ambient sound levels recorded in environments such as libraries and reading rooms.