

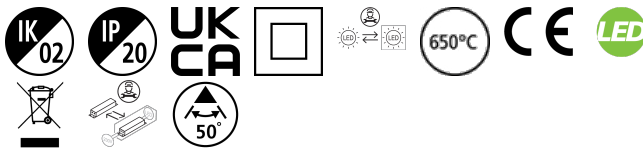
## Beacon LED XL

*BEACON XL 93CRI 4K WIDE BEAM L3 ON-BOARD DIM WHITE*  
2059709



### Product features

- Integrated LED spotlight, white RAL 9016, compact and minimalist design, ideal for retail, display, museum and gallery applications, die-cast aluminium body, passive cooling heatsink, beam angle: 50° wide beam, optics: Polycarbonate lens, colour temperature: 4000K neutral white, total system power: 33W, total fixture output: 3033lm, luminaire efficacy: 92lm/W, LOR: 100%, colour rendering: Ra 93 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 850mA, electronic driver, dimmable via on-board potentiometer, power factor: 0.9 electrical protection: CLASS II, 3-circuit track adaptor, suitable for Concord Lytespan 3 track, ingress protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, dimensions: Ø113x165x205mm, weight: 1.66kg.



### PRODUCT OVERVIEW

|                             |                                                    |
|-----------------------------|----------------------------------------------------|
| Product name                | BEACON XL 93CRI 4K WIDE BEAM L3 ON-BOARD DIM WHITE |
| Technology                  | LED                                                |
| Housing                     | Aluminium                                          |
| Mount                       | Track mounting                                     |
| Environment                 | Internal                                           |
| General application         | Museums & Galleries, Retail                        |
| ETIM Class                  | EC001744                                           |
| E-number FI                 | 4280869                                            |
| Warranty                    | 5 years                                            |
| Fixture luminous flux (lm)  | 3033                                               |
| Luminaire efficacy (lm/W)   | 92                                                 |
| LOR (%)                     | 100                                                |
| Colour temperature (K)      | 4000                                               |
| Light colour                | Neutral White                                      |
| CRI (Ra)                    | 93                                                 |
| Colour Consistency (SDCM)   | 3                                                  |
| Beam Angle (°)              | 50                                                 |
| Photobiological Risk Group  | RG1                                                |
| Total power consumption (W) | 33                                                 |
| Product Voltage (V)         | 240                                                |
| Electrical protection       | Class II                                           |
| Control gear type           | Electronic ballast                                 |
| Dimming method              | 1-10V (Analogue)                                   |
| Minimum dimming level (%)   | 99                                                 |
| Housing colour              | White                                              |
| IP rating                   | IP20                                               |
| IK rating                   | IK02                                               |
| Product EAN number          | 5025768597093                                      |

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### DATA TABLE

#### General data

|                                         |                                                    |
|-----------------------------------------|----------------------------------------------------|
| Product name                            | BEACON XL 93CRI 4K WIDE BEAM L3 ON-BOARD DIM WHITE |
| Technology                              | LED                                                |
| Housing                                 | Aluminium                                          |
| Mount                                   | Track mounting                                     |
| Environment                             | Internal                                           |
| General application                     | Museums & Galleries, Retail                        |
| Performance ambient temperature Tq (°C) | 25                                                 |
| ETIM Class                              | EC001744                                           |
| E-number FI                             | 4280869                                            |
| Warranty                                | 5 years                                            |

#### Optical data

|                            |               |
|----------------------------|---------------|
| Fixture luminous flux (lm) | 3033          |
| Luminaire efficacy (lm/W)  | 92            |
| LOR (%)                    | 100           |
| Colour temperature (K)     | 4000          |
| Light colour               | Neutral White |
| CRI (Ra)                   | 93            |
| Colour Consistency (SDCM)  | 3             |
| Adjustable chromaticity    | N             |
| Beam Angle (°)             | 50            |
| Photobiological Risk Group | RG1           |

#### Electrical data

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Total power consumption (W)                              | 33                 |
| Mains voltage (V)                                        | 220-240V           |
| Product Voltage (V)                                      | 240                |
| Lamp power factor                                        | 0.9                |
| Electrical protection                                    | Class II           |
| Control gear type                                        | Electronic ballast |
| Transformer required                                     | Yes                |
| Dimming method                                           | 1-10V (Analogue)   |
| Minimum dimming level (%)                                | 99                 |
| Drive current (mA)                                       | 850                |
| Inrush Current (A)                                       | 5                  |
| Inrush Duration (µs)                                     | 50                 |
| Glow Wire Test (°C)                                      | 650                |
| Energy Efficiency Class (A->G) of contained light source | E                  |
| Nominal Frequency (Hz)                                   | 50/60Hz            |
| Max. Luminaires per 10A C Breaker                        | 52                 |
| Max. Luminaires per 16A C Breaker                        | 85                 |
| Max. Luminaires per 20A C Breaker                        | 104                |
| Max. Luminaires per 10A B Breaker                        | 31                 |
| Max. Luminaires per 16A B Breaker                        | 50                 |

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### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 72000 |
| Lifespan L80 B20 | 72000 |
| Lifespan L90 B10 | 33000 |

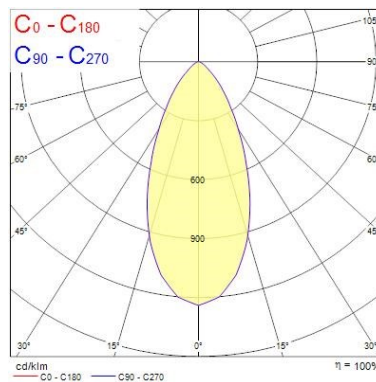
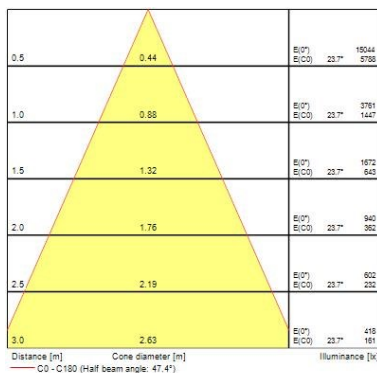
### Physical data

|                               |       |
|-------------------------------|-------|
| Housing colour                | White |
| IP rating                     | IP20  |
| IK rating                     | IK02  |
| Nominal Product Length (mm)   | 85    |
| Nominal Product Width (mm)    | 165   |
| Nominal Product Height (mm)   | 205   |
| Nominal Product Diameter (mm) | 113   |
| Weight (kg)                   | 1.365 |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5025768597093  |
| Packaging single length / height (cm) | 25.0           |
| Packaging single width (cm)           | 19.5           |
| Packaging single depth (cm)           | 20.0           |
| DUN14 (outer)                         | 05025768597093 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 25.0           |
| Packaging outer width (cm)            | 19.5           |
| Packaging outer depth (cm)            | 20.0           |

## PHOTOMETRY



## TECHNICAL DRAWINGS

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