

## Beacon LED XL

BEACON XL 93CRI 4K MEDIUM BEAM L3 WHITE  
2059701



### PRODUCT OVERVIEW

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Product name                | BEACON XL 93CRI 4K MEDIUM BEAM L3 WHITE |
| Technology                  | LED                                     |
| Cap/Base                    | N/A                                     |
| Housing                     | Aluminium                               |
| Mount                       | Track mounting                          |
| Environment                 | Internal                                |
| E-number FI                 | 4280861                                 |
| Warranty                    | 5 years                                 |
| Fixture luminous flux (lm)  | 3314                                    |
| Luminaire efficacy (lm/W)   | 100                                     |
| LOR (%)                     | 100                                     |
| Colour temperature (K)      | 4000                                    |
| Light colour                | Neutral White                           |
| CRI (Ra)                    | 93                                      |
| Colour Consistency (SDCM)   | 3                                       |
| Photobiological Risk Group  | RG1                                     |
| Total power consumption (W) | 33                                      |
| Electrical protection       | Class II                                |
| Control gear type           | Electronic ballast                      |
| Housing colour              | White                                   |
| IP rating                   | IP20                                    |
| IK rating                   | IK02                                    |
| Product EAN number          | 5025768597017                           |

### DATA TABLE

#### General data

|              |                                         |
|--------------|-----------------------------------------|
| Product name | BEACON XL 93CRI 4K MEDIUM BEAM L3 WHITE |
| Technology   | LED                                     |
| Cap/Base     | N/A                                     |
| Housing      | Aluminium                               |
| Mount        | Track mounting                          |
| Environment  | Internal                                |

## Beacon LED XL

*BEACON XL 93CRI 4K MEDIUM BEAM L3 WHITE*

2059701

|                                         |         |
|-----------------------------------------|---------|
| Performance ambient temperature Tq (°C) | 25      |
| E-number FI                             | 4280861 |
| Warranty                                | 5 years |

### Optical data

|                            |               |
|----------------------------|---------------|
| Fixture luminous flux (lm) | 3314          |
| Luminaire efficacy (lm/W)  | 100           |
| LOR (%)                    | 100           |
| Colour temperature (K)     | 4000          |
| Light colour               | Neutral White |
| CRI (Ra)                   | 93            |
| Colour Consistency (SDCM)  | 3             |
| Adjustable chromaticity    | N             |
| Photobiological Risk Group | RG1           |

### Electrical data

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Total power consumption (W)                              | 33                 |
| Primary Supply/Product voltage - min (V)                 | 220                |
| Lamp power factor                                        | 0.9                |
| Electrical protection                                    | Class II           |
| Control gear type                                        | Electronic ballast |
| Drive current (mA)                                       | 800                |
| Inrush Current (A)                                       | 30                 |
| Inrush Duration (µs)                                     | 200                |
| Glow Wire Test (°C)                                      | 650                |
| Energy Efficiency Class (A->G) of contained light source | E                  |
| Nominal Frequency (Hz)                                   | 50/60Hz            |
| Max. products per 10A C Breaker                          | 12                 |

### 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   |
| Weight (kg)                 | 1.365 |

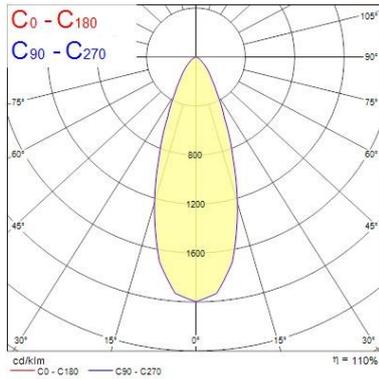
### Packaging

|                             |               |
|-----------------------------|---------------|
| Single packaging type       | Carton        |
| Product EAN number          | 5025768597017 |
| Packaging single width (cm) | 19.5          |
| Packaging single depth (cm) | 20.0          |

## Beacon LED XL BEACON XL 93CRI 4K MEDIUM BEAM L3 WHITE 2059701

DUN14 (outer) 05025768597017  
Packaging outer length / height (cm) 25.0

### PHOTOMETRY



| Distance [m] | Cone diameter [m] | E <sub>0°</sub> [lx] | E <sub>37.0°</sub> [lx] | Illuminance [lx] |
|--------------|-------------------|----------------------|-------------------------|------------------|
| 0.5          | 0.33              | 26437                | 11356                   |                  |
| 1.0          | 0.67              | 6632                 | 2639                    |                  |
| 1.5          | 1.00              | 2943                 | 1282                    |                  |
| 2.0          | 1.34              | 1656                 | 710                     |                  |
| 2.5          | 1.67              | 1039                 | 454                     |                  |
| 3.0          | 2.01              | 736                  | 315                     |                  |

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 37.0°)

### TECHNICAL DRAWINGS

