

Beacon LED XXL  
BEACON XXL NB 3K L3 WHT  
2092991



- Product features**
- 2092991 BEACON XXL NB 3K L3 WHT Integrated LED spotlight, white RAL 9016, compact and minimalist design, ideal for double height spaces, retail and display applications, die-cast aluminium body, passive cooling heatsink, beam angle: 21° narrow beam, optics: Fresnel lens for controlled beam, colour temperature: 3000K warm white, total system power: 48W, total fixture output: 3713lm, luminaire efficacy: 77lm/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: 1200mA, electronic driver, non-dimmable, switched only, power factor: 0.98 electrical protection: CLASS I, 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°, lockable positioning using Allen key, dimensio...



PRODUCT OVERVIEW

|                             |                         |
|-----------------------------|-------------------------|
| Product name                | BEACON XXL NB 3K L3 WHT |
| Technology                  | LED                     |
| Housing                     | Aluminium               |
| Mount                       | Track mounting          |
| Environment                 | Internal                |
| General application         | Retail                  |
| ETIM Class                  | EC001744                |
| E-number FI                 | 4278665                 |
| E-number SE                 | 7401087                 |
| Warranty                    | 5 years                 |
| Fixture luminous flux (lm)  | 3713                    |
| Luminaire efficacy (lm/W)   | 77.35                   |
| LOR (%)                     | 100                     |
| Colour temperature (K)      | 3000                    |
| Light colour                | Warm White              |
| CRI (Ra)                    | 93                      |
| Colour Consistency (SDCM)   | 3                       |
| Beam Angle (°)              | 21                      |
| Photobiological Risk Group  | RG1                     |
| Total power consumption (W) | 48                      |
| Product Voltage (V)         | 240                     |
| Electrical protection       | Class I                 |
| Control gear type           | Electronic ballast      |
| Dimming method              | N/A                     |
| Housing colour              | White                   |
| IP rating                   | IP20                    |
| Product EAN number          | 5025768929917           |

DATA TABLE

## Beacon LED XXL

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### General data

|                                         |                         |
|-----------------------------------------|-------------------------|
| Product name                            | BEACON XXL NB 3K L3 WHT |
| Technology                              | LED                     |
| Housing                                 | Aluminium               |
| Mount                                   | Track mounting          |
| Environment                             | Internal                |
| General application                     | Retail                  |
| Performance ambient temperature Tq (°C) | 25                      |
| ETIM Class                              | EC001744                |
| E-number FI                             | 4278665                 |
| E-number SE                             | 7401087                 |
| Warranty                                | 5 years                 |

### Optical data

|                            |            |
|----------------------------|------------|
| Fixture luminous flux (lm) | 3713       |
| Luminaire efficacy (lm/W)  | 77.35      |
| LOR (%)                    | 100        |
| Colour temperature (K)     | 3000       |
| Light colour               | Warm White |
| CRI (Ra)                   | 93         |
| Colour Consistency (SDCM)  | 3          |
| Adjustable chromaticity    | N          |
| Beam Angle (°)             | 21         |
| Photobiological Risk Group | RG1        |

### Electrical data

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Total power consumption (W)                              | 48                 |
| Mains voltage (V)                                        | 220-240V           |
| Product Voltage (V)                                      | 240                |
| Lamp power factor                                        | 0.98               |
| Electrical protection                                    | Class I            |
| Control gear type                                        | Electronic ballast |
| Transformer required                                     | Yes                |
| Dimming method                                           | N/A                |
| Drive current (mA)                                       | 1200               |
| Energy Efficiency Class (A->G) of contained light source | E                  |

### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 100000 |
| Lifespan L90 B10 | 55500  |

### Physical data

|                   |              |
|-------------------|--------------|
| Housing colour    | White        |
| IP rating         | IP20         |
| Diffuser finish   | Diffuse      |
| Diffuser material | PMMA Acrylic |

## Beacon LED XXL

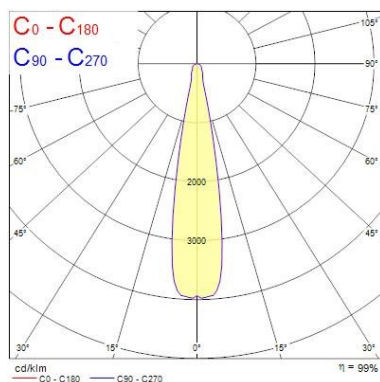
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|                               |       |
|-------------------------------|-------|
| Reflector finish              | None  |
| Nominal Product Length (mm)   | 85    |
| Nominal Product Width (mm)    | 168   |
| Nominal Product Height (mm)   | 205   |
| Nominal Product Diameter (mm) | 113   |
| Weight (kg)                   | 1.375 |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5025768929917  |
| Packaging single length / height (cm) | 25.0           |
| Packaging single width (cm)           | 19.5           |
| Packaging single depth (cm)           | 20.0           |
| DUN14 (outer)                         | 05025768929917 |
| 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



| Distance [m] | Cone diameter [m] | E(0°)<br>E(C0) | E(10.3°) |
|--------------|-------------------|----------------|----------|
| 0.5          | 0.18              | 55439          | 28485    |
| 1.0          | 0.36              | 14807          | 7114     |
| 1.5          | 0.55              | 6482           | 3162     |
| 2.0          | 0.73              | 3682           | 1778     |
| 2.5          | 0.91              | 2287           | 1138     |
| 3.0          | 1.09              | 1623           | 790      |

Distance [m] Cone diameter [m]  
C0 - C180 (Half beam angle: 20.6°)

## TECHNICAL DRAWINGS

