# Beacon LED XXL

*BEACON XXL NB 4K L3 BLK*

**2093032**

### Product features

- 2093032 BEACON XXL NB 4K L3 BLK Integrated LED spotlight, black RAL 9005, 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: 4000K neutral white, total system power: 48W, total fixture output: 4181lm, luminaire efficacy: 87lm/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, dimen...

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product name** | BEACON XXL NB 4K L3 BLK |
| **Technology** | LED |
| **Housing** | Aluminium |
| **Mount** | Track mounting |
| **Environment** | Internal |
| **General application** | Retail |
| **ETIM Class** | EC001744 |
| **E-number FI** | 4278699 |
| **Warranty** | 5 years |
| **Fixture luminous flux (lm)** | 4181 |
| **Luminaire efficacy (lm/W)** | 87.1 |
| **LOR (%)** | 100 |
| **Colour temperature (K)** | 4000 |
| **Light colour** | Neutral 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 |
| **Housing colour** | Black |
| **IP rating** | IP20 |
| **Product EAN number** | 5025768930326 |

## DATA TABLE

### General data

| | |
|---|---|
| **Product name** | BEACON XXL NB 4K L3 BLK |
| **Technology** | LED |



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| | |
|---|---|
| **Housing** | Aluminium |
| **Mount** | Track mounting |
| **Environment** | Internal |
| **General application** | Retail |
| **Performance ambient temperature Tq (°C)** | 25 |
| **ETIM Class** | EC001744 |
| **E-number FI** | 4278699 |
| **Warranty** | 5 years |

## Optical data

| | |
|---|---|
| **Fixture luminous flux (lm)** | 4181 |
| **Luminaire efficacy (lm/W)** | 87.1 |
| **LOR (%)** | 100 |
| **Colour temperature (K)** | 4000 |
| **Light colour** | Neutral 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 |
| **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** | Black |
| **IP rating** | IP20 |
| **Diffuser finish** | Diffuse |
| **Diffuser material** | PMMA Acrylic |
| **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 |



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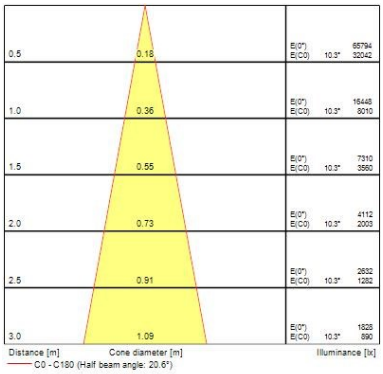
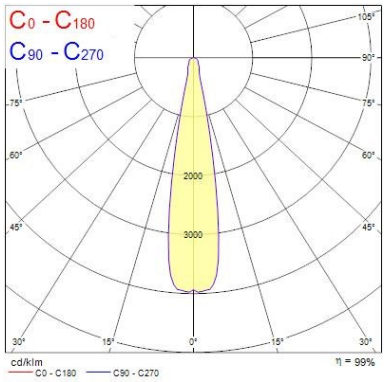
## Packaging

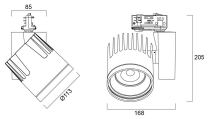
| | |
|---|---|
| **Single packaging type** | Carton |
| **Product EAN number** | 5025768930326 |
| **Packaging single length / height (cm)** | 25.0 |
| **Packaging single width (cm)** | 19.5 |
| **Packaging single depth (cm)** | 20.0 |
| **DUN14 (outer)** | 05025768930326 |
| **Units per outer package** | 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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