

# Concord

## BEACON XXL MB 3K L3 WHT 2093005



### Features

- 2093005 BEACON XXL MB 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: 50° medium beam, optics: Silicone lens for controlled beam, colour temperature: 3000K warm white, total system power: 48W, total fixture output: 3670lm, luminaire efficacy: 76lm/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, dimensi...

### Product Overview

|                            |                         |
|----------------------------|-------------------------|
| Product name               | BEACON XXL MB 3K L3 WHT |
| Technology                 | LED                     |
| Housing                    | Aluminium               |
| Mount                      | Track mounting          |
| Environment                | Internal                |
| General application        | Retail                  |
| ETIM Class                 | EC001744                |
| E-number FI                | 4278677                 |
| E-number SE                | 7401084                 |
| Fixture luminous flux (lm) | 3670                    |
| Luminaire efficacy (lm/W)  | 76.46                   |
| LOR (%)                    | 100                     |
| Colour temperature (K)     | 3000                    |
| Light colour               | Warm White              |
| CRI (Ra)                   | 93                      |

## BEACON XXL MB 3K L3 WHT 2093005

|                             |                    |
|-----------------------------|--------------------|
| Colour Consistency (SDCM)   | 3                  |
| Beam Angle (°)              | 50                 |
| Photobiological Risk Group  | RG1                |
| Total power consumption (W) | 48                 |
| Product Voltage (V)         | 240                |
| Electrical protection       | Class I            |
| Control gear type           | Electronic ballast |
| Housing colour              | White              |
| IP rating                   | IP20               |
| Product EAN number          | 5025768930050      |
| Warranty                    | 5 years            |
| Dimming method              | N/A                |

### Data table

#### GENERAL DATA

|                                                     |                         |
|-----------------------------------------------------|-------------------------|
| Product name                                        | BEACON XXL MB 3K L3 WHT |
| Technology                                          | LED                     |
| Housing                                             | Aluminium               |
| Mount                                               | Track mounting          |
| Environment                                         | Internal                |
| General application                                 | Retail                  |
| Performance ambient temperature T <sub>a</sub> (°C) | 25                      |
| ETIM Class                                          | EC001744                |
| E-number FI                                         | 4278677                 |
| E-number SE                                         | 7401084                 |
| Warranty                                            | 5 years                 |

#### OPTICAL DATA

|                            |       |
|----------------------------|-------|
| Fixture luminous flux (lm) | 3670  |
| Luminaire efficacy (lm/W)  | 76.46 |
| LOR (%)                    | 100   |
| Colour temperature (K)     | 3000  |

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|                            |            |
|----------------------------|------------|
| Light colour               | Warm White |
| CRI (Ra)                   | 93         |
| Colour Consistency (SDCM)  | 3          |
| Adjustable chromaticity    | N          |
| Beam Angle (°)             | 50         |
| 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 required                                    | No                 |
| 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 |
| Reflector finish            | None    |
| Nominal Product Length (mm) | 85      |
| Nominal Product Width (mm)  | 168     |
| Nominal Product Height (mm) | 205     |

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2093005

|             |     |
|-------------|-----|
| Weight (kg) | 1.5 |
|-------------|-----|

## PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5025768930050  |
| Packaging single length / height (cm) | 25.0           |
| Packaging single width (cm)           | 19.5           |
| Packaging single depth (cm)           | 20.0           |
| DUN14 (outer)                         | 05025768930050 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 25.0           |
| Packaging outer width (cm)            | 19.5           |
| Packaging outer depth (cm)            | 20.0           |

## SAFETY DATA

|                                     |    |
|-------------------------------------|----|
| Special purpose lamp                | No |
| Dry applications use only           | No |
| Suitable for household illumination | No |