

## BEACON 93CRI 3K NARROW BEAM L3 TRAILING EDGE WHITE 2059617



### 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: 12° narrow beam, optics: Fresnel lens for controlled beam, colour temperature: 3000K warm white, total system power: 21W, total fixture output: 1512lm, luminaire efficacy: 72lm/W, LOR: 100%, colour rendering: Ra 93 typical, LED Chromacity: 3 step MacAdam ellipse, lifetime: >72,000 hours at L80B50, energy class: A++, A+, A, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 500mA, electronic driver, trailing edge dimmable, 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: Ø80x130x190mm, weight: 0.96kg.

### Product Overview

|                            |                                                       |
|----------------------------|-------------------------------------------------------|
| Product name               | BEACON 93CRI 3K NARROW BEAM L3 TRAILING<br>EDGE WHITE |
| Technology                 | LED                                                   |
| Housing                    | Aluminium                                             |
| Mount                      | Track mounting                                        |
| Environment                | Internal                                              |
| General application        | Museums & Galleries, Retail                           |
| ETIM Class                 | EC001744                                              |
| Fixture luminous flux (lm) | 1512                                                  |
| Luminaire efficacy (lm/W)  | 72                                                    |
| LOR (%)                    | 100                                                   |
| Colour temperature (K)     | 3000                                                  |
| Light colour               | Warm White                                            |
| CRI (Ra)                   | 93                                                    |
| Colour Consistency (SDCM)  | 3                                                     |

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|                             |                           |
|-----------------------------|---------------------------|
| Beam Angle (°)              | 12                        |
| Photobiological Risk Group  | RG1                       |
| Total power consumption (W) | 21                        |
| Product Voltage (V)         | 240                       |
| Electrical protection       | Class II                  |
| Control gear type           | Electronic ballast        |
| Dimmable                    | Yes                       |
| Minimum dimming level (%)   | 3                         |
| Housing colour              | White                     |
| IP rating                   | IP20                      |
| IK rating                   | IK02                      |
| Product EAN number          | 5025768596171             |
| Warranty                    | 5 years                   |
| Dimming method              | Mains: trailing edge only |

### Data table

#### GENERAL DATA

|                                            |                                                       |
|--------------------------------------------|-------------------------------------------------------|
| Product name                               | BEACON 93CRI 3K NARROW BEAM L3 TRAILING<br>EDGE WHITE |
| Technology                                 | LED                                                   |
| Housing                                    | Aluminium                                             |
| Mount                                      | Track mounting                                        |
| Environment                                | Internal                                              |
| General application                        | Museums & Galleries, Retail                           |
| Performance ambient temperature Tq<br>(°C) | 25                                                    |
| ETIM Class                                 | EC001744                                              |
| Warranty                                   | 5 years                                               |

#### OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 1512 |
| Luminaire efficacy (lm/W)  | 72   |
| LOR (%)                    | 100  |

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|                            |            |
|----------------------------|------------|
| Colour temperature (K)     | 3000       |
| Light colour               | Warm White |
| CRI (Ra)                   | 93         |
| Colour Consistency (SDCM)  | 3          |
| Adjustable chromaticity    | N          |
| Beam Angle (°)             | 12         |
| Photobiological Risk Group | RG1        |

### ELECTRICAL DATA

|                                                          |                           |
|----------------------------------------------------------|---------------------------|
| Total power consumption (W)                              | 21                        |
| Mains voltage (V)                                        | 220-240V                  |
| Product Voltage (V)                                      | 240                       |
| Lamp power factor                                        | 0.9                       |
| Electrical protection                                    | Class II                  |
| Control gear required                                    | No                        |
| Control gear type                                        | Electronic ballast        |
| Transformer required                                     | Yes                       |
| Dimmable                                                 | Yes                       |
| Dimming method                                           | Mains: trailing edge only |
| Minimum dimming level (%)                                | 3                         |
| Drive current (mA)                                       | 500                       |
| Inrush Current (A)                                       | 45                        |
| Inrush Duration (µs)                                     | 20                        |
| 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                        | 48                        |
| Max. Luminaires per 16A C Breaker                        | 80                        |

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 72000 |
| Lifespan L70 B10 | 72000 |
| Lifespan L80 B50 | 72000 |

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|                  |       |
|------------------|-------|
| Lifespan L80 B20 | 72000 |
| Lifespan L80 B10 | 72000 |
| Lifespan L90 B50 | 44000 |
| Lifespan L90 B20 | 37000 |
| Lifespan L90 B10 | 34000 |

### PHYSICAL DATA

|                               |       |
|-------------------------------|-------|
| Housing colour                | White |
| IP rating                     | IP20  |
| IK rating                     | IK02  |
| Nominal Product Width (mm)    | 130   |
| Nominal Product Height (mm)   | 190   |
| Nominal Product Diameter (mm) | 80    |
| Weight (kg)                   | 0.7   |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5025768596171  |
| Packaging single length / height (cm) | 16.0           |
| Packaging single width (cm)           | 17.6           |
| Packaging single depth (cm)           | 18.2           |
| DUN14 (outer)                         | 05025768596171 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 16.0           |
| Packaging outer width (cm)            | 17.6           |
| Packaging outer depth (cm)            | 18.2           |

### SAFETY DATA

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