

## BEACON 93CRI 4K WIDE BEAM L3 ON-BOARD DIM BLACK 2059648



### Features

- Integrated LED spotlight, black RAL 9005, compact and minimalist design, ideal for retail, display, museum and gallery applications, die-cast aluminium body, passive cooling heatsink, beam angle: 55° wide beam, optics: Aluminium reflector, colour temperature: 4000K neutral white, total system power: 21W, total fixture output: 1853lm, luminaire efficacy: 88lm/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: 500mA, electronic driver, dimmable via on-board potentiometer, 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.

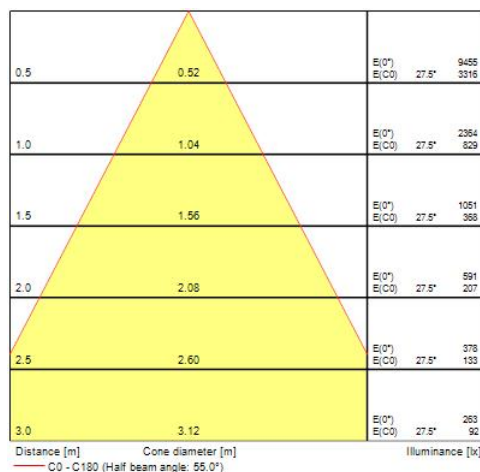
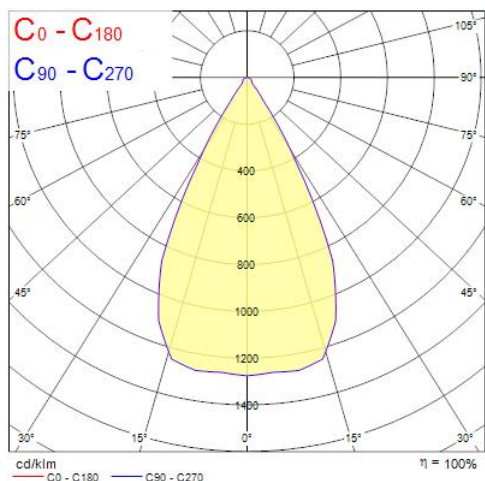
### Product Overview

|                                   |                                                 |
|-----------------------------------|-------------------------------------------------|
| Product name                      | BEACON 93CRI 4K WIDE BEAM L3 ON-BOARD DIM BLACK |
| Technology                        | LED                                             |
| Cap/Base                          | N/A                                             |
| Housing                           | Aluminium                                       |
| Mount                             | Track mounting                                  |
| Environment                       | Internal                                        |
| General application               | Museums & Galleries, Retail                     |
| ETIM Class                        | EC001744                                        |
| Fixture luminous flux (lm)        | 1853                                            |
| Luminaire efficacy (lm/W)         | 88                                              |
| LOR (%)                           | 100                                             |
| Correlated colour temperature (k) | 4000                                            |

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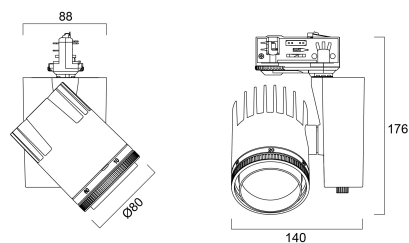
|                             |                    |
|-----------------------------|--------------------|
| Light colour                | Neutral White      |
| CRI (Ra)                    | 93                 |
| Colour Consistency (SDCM)   | 3                  |
| Beam Angle (°)              | 55                 |
| Photobiological Risk Group  | RG1                |
| Total power consumption (W) | 21                 |
| Electrical protection       | Class II           |
| Control gear type           | Electronic ballast |
| Dimmable                    | Yes                |
| Minimum dimming level (%)   | 5                  |
| Housing colour              | Black              |
| IP rating                   | IP20               |
| IK rating                   | IK02               |
| Product EAN number          | 5025768596485      |
| Warranty                    | 5 years            |
| Dimming method              | 1-10V (Analogue)   |

## Photometry



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### Technical drawings



### Data table

#### GENERAL DATA

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| Product name                            | BEACON 93CRI 4K WIDE BEAM L3 ON-BOARD DIM BLACK |
| Technology                              | LED                                             |
| Cap/Base                                | N/A                                             |
| Housing                                 | Aluminium                                       |
| Mount                                   | Track mounting                                  |
| Environment                             | Internal                                        |
| General application                     | Museums & Galleries, Retail                     |
| Performance ambient temperature Tq (°C) | 25                                              |
| ETIM Class                              | EC001744                                        |
| Warranty                                | 5 years                                         |

#### OPTICAL DATA

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 1853          |
| Luminaire efficacy (lm/W)         | 88            |
| LOR (%)                           | 100           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 93            |
| Colour Consistency (SDCM)         | 3             |

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|                            |     |
|----------------------------|-----|
| Adjustable chromaticity    | N   |
| Beam Angle (°)             | 55  |
| Photobiological Risk Group | RG1 |

### ELECTRICAL DATA

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Total power consumption (W)                              | 21                 |
| Primary Supply/Product voltage - min (V)                 | 220                |
| Primary Supply/Product voltage - max (V)                 | 240                |
| Lamp power factor                                        | 0.9                |
| Electrical protection                                    | Class II           |
| Control gear required                                    | No                 |
| Control gear type                                        | Electronic ballast |
| Dimmable                                                 | Yes                |
| Dimming method                                           | 1-10V (Analogue)   |
| Minimum dimming level (%)                                | 5                  |
| Drive current (mA)                                       | 500                |
| Inrush Current (A)                                       | 45                 |
| Inrush Duration (µs)                                     | 20                 |
| Energy Efficiency Class (A->G) of contained light source | E                  |
| Nominal Frequency (Hz)                                   | 50/60Hz            |
| Max. products per 10A C Breaker                          | 48                 |
| Max. products per 16A C Breaker                          | 80                 |

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 72000 |
| Lifespan L70 B10 | 72000 |
| Lifespan L80 B50 | 72000 |
| Lifespan L80 B20 | 72000 |
| Lifespan L80 B10 | 72000 |
| Lifespan L90 B50 | 43000 |
| Lifespan L90 B20 | 36000 |
| Lifespan L90 B10 | 33000 |

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### PHYSICAL DATA

|                               |       |
|-------------------------------|-------|
| Housing colour                | Black |
| 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

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768596485  |
| Packaging single length / height (cm) | 16.0           |
| Packaging single width (cm)           | 17.6           |
| Packaging single depth (cm)           | 18.2           |
| DUN14 (inner)                         | 05025768596485 |
| 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

|                                     |     |
|-------------------------------------|-----|
| Glow Wire Test (°C)                 | 650 |
| Special purpose lamp                | No  |
| Dry applications use only           | No  |
| Suitable for household illumination | No  |