

Beacon LED

BEACON 93CRI 4K WIDE BEAM L3 ON-BOARD DIM WHITE

2059649



PRODUCT OVERVIEW

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| Product name                | BEACON 93CRI 4K WIDE BEAM L3 ON-BOARD DIM WHITE |
| Technology                  | LED                                             |
| Cap/Base                    | N/A                                             |
| Housing                     | Aluminium                                       |
| Mount                       | Track mounting                                  |
| Environment                 | Internal                                        |
| Warranty                    | 5 years                                         |
| Fixture luminous flux (lm)  | 1853                                            |
| Luminaire efficacy (lm/W)   | 88                                              |
| LOR (%)                     | 100                                             |
| Colour temperature (K)      | 4000                                            |
| Light colour                | Neutral White                                   |
| CRI (Ra)                    | 93                                              |
| Colour Consistency (SDCM)   | 3                                               |
| Photobiological Risk Group  | RG1                                             |
| Total power consumption (W) | 21                                              |
| Electrical protection       | Class II                                        |
| Control gear type           | Electronic ballast                              |
| Housing colour              | White                                           |
| IP rating                   | IP20                                            |
| IK rating                   | IK02                                            |
| Product EAN number          | 5025768596492                                   |

DATA TABLE

|              |                                                 |
|--------------|-------------------------------------------------|
| General data |                                                 |
| Product name | BEACON 93CRI 4K WIDE BEAM L3 ON-BOARD DIM WHITE |
| Technology   | LED                                             |
| Cap/Base     | N/A                                             |
| Housing      | Aluminium                                       |
| Mount        | Track mounting                                  |
| Environment  | Internal                                        |

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|                                         |         |
|-----------------------------------------|---------|
| Performance ambient temperature Tq (°C) | 25      |
| Warranty                                | 5 years |

### Optical data

|                            |               |
|----------------------------|---------------|
| Fixture luminous flux (lm) | 1853          |
| Luminaire efficacy (lm/W)  | 88            |
| LOR (%)                    | 100           |
| Colour temperature (K)     | 4000          |
| Light colour               | Neutral White |
| CRI (Ra)                   | 93            |
| Colour Consistency (SDCM)  | 3             |
| Adjustable chromaticity    | N             |
| Photobiological Risk Group | RG1           |

### Electrical data

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Total power consumption (W)                              | 21                 |
| Primary Supply/Product voltage - min (V)                 | 220                |
| Lamp power factor                                        | 1                  |
| Electrical protection                                    | Class II           |
| Control gear type                                        | Electronic ballast |
| 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. products per 10A C Breaker                          | 48                 |

### 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 |

### Physical data

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

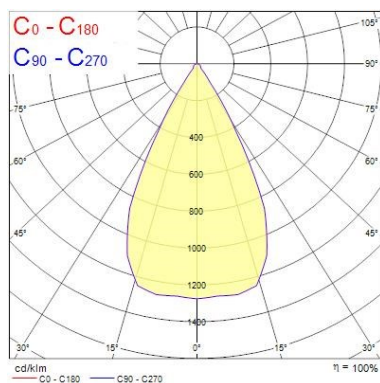
### Packaging

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|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5025768596492  |
| Packaging single width (cm)          | 17.6           |
| Packaging single depth (cm)          | 18.2           |
| DUN14 (outer)                        | 05025768596492 |
| Packaging outer length / height (cm) | 16.0           |

## PHOTOMETRY



|     |      |                |              |
|-----|------|----------------|--------------|
| 0.5 | 0.52 | E(0°)<br>E(C0) | 9455<br>3316 |
| 1.0 | 1.04 | E(0°)<br>E(C0) | 2364<br>853  |
| 1.5 | 1.56 | E(0°)<br>E(C0) | 1081<br>388  |
| 2.0 | 2.08 | E(0°)<br>E(C0) | 591<br>207   |
| 2.5 | 2.60 | E(0°)<br>E(C0) | 378<br>133   |
| 3.0 | 3.12 | E(0°)<br>E(C0) | 263<br>92    |

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 55.0°)

## TECHNICAL DRAWINGS

