

## BEACON 85CRI 4K NARROW BEAM L3 TRAILING EDGE BLACK 2059670



### Features

• Integrated LED spotlight, black RAL 9005, compact and minimalist design, ideal for retail and display applications, die-cast aluminium body, passive cooling heatsink, beam angle: 12° narrow beam, optics: Fresnel lens for controlled beam, colour temperature: 4000K neutral white, total system power: 21W, total fixture output: 2136lm, luminaire efficacy: 102lm/W, LOR: 100%, colour rendering: Ra 85 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

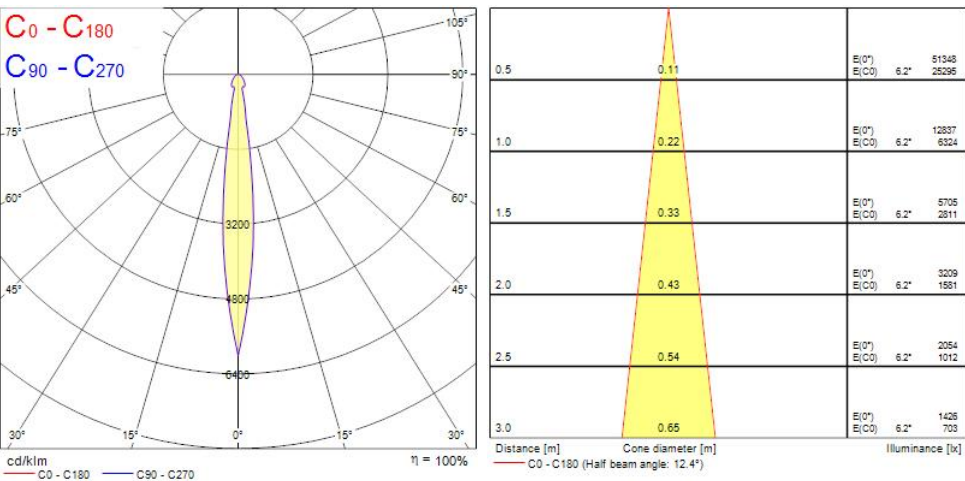
|                            |                                                    |
|----------------------------|----------------------------------------------------|
| Product name               | BEACON 85CRI 4K NARROW BEAM L3 TRAILING EDGE BLACK |
| Technology                 | LED                                                |
| Cap/Base                   | N/A                                                |
| Housing                    | Aluminium                                          |
| Mount                      | Track mounting                                     |
| Environment                | Internal                                           |
| E-number FI                | 4280826                                            |
| E-number SE                | 7401247                                            |
| Fixture luminous flux (lm) | 2136                                               |
| Luminaire efficacy (lm/W)  | 102                                                |
| LOR (%)                    | 100                                                |
| Colour temperature (K)     | 4000                                               |
| Light colour               | Neutral White                                      |

# Concord

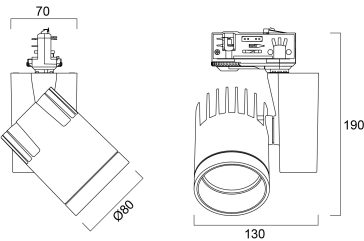
## BEACON 85CRI 4K NARROW BEAM L3 TRAILING EDGE BLACK 2059670

|                             |                    |
|-----------------------------|--------------------|
| CRI (Ra)                    | 85                 |
| Colour Consistency (SDCM)   | 3                  |
| Photobiological Risk Group  | RG1                |
| Total power consumption (W) | 21                 |
| Electrical protection       | Class II           |
| Control gear type           | Electronic ballast |
| Housing colour              | Black              |
| IP rating                   | IP20               |
| IK rating                   | IK02               |
| Product EAN number          | 5025768596706      |
| Warranty                    | 5 years            |

### Photometry



### Technical drawings



## BEACON 85CRI 4K NARROW BEAM L3 TRAILING EDGE BLACK 2059670

### Data table

#### GENERAL DATA

|                                            |                                                       |
|--------------------------------------------|-------------------------------------------------------|
| Product name                               | BEACON 85CRI 4K NARROW BEAM L3 TRAILING<br>EDGE BLACK |
| Technology                                 | LED                                                   |
| Cap/Base                                   | N/A                                                   |
| Housing                                    | Aluminium                                             |
| Mount                                      | Track mounting                                        |
| Environment                                | Internal                                              |
| Performance ambient temperature Tq<br>(°C) | 25                                                    |
| E-number FI                                | 4280826                                               |
| E-number SE                                | 7401247                                               |
| Warranty                                   | 5 years                                               |

#### OPTICAL DATA

|                            |               |
|----------------------------|---------------|
| Fixture luminous flux (lm) | 2136          |
| Luminaire efficacy (lm/W)  | 102           |
| LOR (%)                    | 100           |
| Colour temperature (K)     | 4000          |
| Light colour               | Neutral White |
| CRI (Ra)                   | 85            |
| 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                        | 0.9      |
| Electrical protection                    | Class II |
| Control gear required                    | No       |

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|                                                          |                    |
|----------------------------------------------------------|--------------------|
| 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 | D                  |
| 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 | 44000 |
| Lifespan L90 B20 | 37000 |
| Lifespan L90 B10 | 34000 |

### PHYSICAL DATA

|                             |       |
|-----------------------------|-------|
| Housing colour              | Black |
| IP rating                   | IP20  |
| IK rating                   | IK02  |
| Nominal Product Length (mm) | 70    |
| Nominal Product Width (mm)  | 130   |
| Weight (kg)                 | 1.543 |

### PACKAGING

|                             |                |
|-----------------------------|----------------|
| Single packaging type       | Carton         |
| Product EAN number          | 5025768596706  |
| Packaging single width (cm) | 6.929          |
| Packaging single depth (cm) | 7.165          |
| DUN14 (outer)               | 05025768596706 |

# Concord

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|                                      |       |
|--------------------------------------|-------|
| Packaging outer length / height (cm) | 6.299 |
|--------------------------------------|-------|

### SAFETY DATA

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