

# Beacon XL CRI85 3000K WB L3 Black

Item No: 2059716

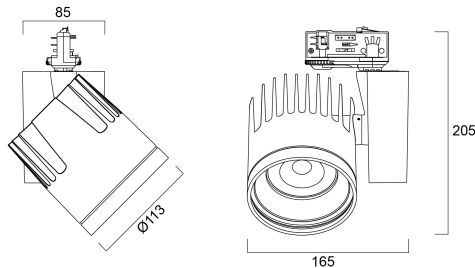
**Concord**



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: 50° wide beam, optics: Polycarbonate lens, colour temperature: 3000K warm white, total system power: 33W, total fixture output: 3350lm, luminaire efficacy: 102lm/W, LOR: 100%, colour rendering: Ra 85 typical, LED Chromacity: 3 step MacAdam ellipse, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, drive current: 800mA, electronic driver, non-dimmable, power factor: 0.9 electrical protection: CLASS II, 3-circuit track Adaptor, compatible with OneTrack, Global Trac, and Concord Lytespan 3 track (for detailed information please check the compatibility list), protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 90°, dimensions: Ø113x165x205mm, weight: 1.66kg.

## Technical Assets

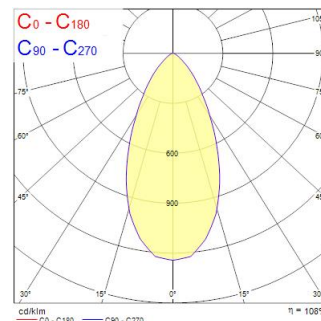
### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|------------------|
| 0.5          | 0.47              | Ø171              | 1701             |
|              |                   | FCØ20             | 25.1"            |
| 1.0          | 0.94              | Ø342              | 420              |
|              |                   | FCØ40             | 25.1"            |
| 1.5          | 1.41              | Ø513              | 182              |
|              |                   | FCØ60             | 25.1"            |
| 2.0          | 1.87              | Ø684              | 101              |
|              |                   | FCØ80             | 25.1"            |
| 2.5          | 2.34              | Ø855              | 62               |
|              |                   | FCØ100            | 25.1"            |
| 3.0          | 2.81              | Ø1026             | 41               |
|              |                   | FCØ120            | 25.1"            |

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 50.2°)



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## General data

|   |                                   |
|---|-----------------------------------|
| Product name                            | Beacon XL CRI85 3000K WB L3 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                          |
| E-number FI                             | 4280876                           |
| E-number SE                             | 7401257                           |
| Warranty                                | 5 years                           |

## Optical data

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 3350       |
| Luminaire efficacy (lm/W)         | 102        |
| LOR (%)                           | 100        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 85         |
| Colour Consistency (SDCM)         | 3          |
| Adjustable chromaticity           | N          |
| Beam Angle (°)                    | 50         |
| Photobiological Risk Group        | RG1        |

## Electrical data

|  |                    |
|--|--------------------|
| Total power consumption (W)                              | 33                 |
| Primary Supply/Product voltage - min (V)                 | 220.0              |
| Primary Supply/Product voltage - max (V)                 | 240.0              |
| Lamp power factor  | 0.9                |
| Electrical protection                                    | Class II           |
| Control gear type  | Electronic ballast |
| Dimmable   | No                 |
| Dimming method   | N/A                |
| Drive current (mA)                                       | 800                |
| Inrush Current (A)                                       | 30                 |
| Inrush Duration (µs)                                     | 200                |
| Energy Efficiency Class (A->G) of contained light source | D                  |
| Nominal Frequency (Hz)                                   | 50/60Hz            |
| Max. products per 10A C Breaker                          | 12                 |
| Max. products per 16A C Breaker                          | 20                 |
| Max. products per 10A B Breaker                          | 12                 |
| Max. products per 16A B Breaker                          | 20                 |

## Lifetime data

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

## Physical data

|                             |       |
|-----------------------------|-------|
| Housing colour              | Black |
| IP rating                   | IP20  |
| IK rating                   | IK02  |
| Nominal Product Length (mm) | 85    |
| Nominal Product Width (mm)  | 165   |
| Nominal Product Height (mm) | 205   |
| Weight (kg)                 | 1.365 |

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## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5025768597161  |
| Packaging single length / height (cm) | 25.0           |
| Packaging single width (cm)           | 19.5           |
| Packaging single depth (cm)           | 20.0           |
| DUN14 (inner)                         | 05025768597161 |
| 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

|                     |     |
|---------------------|-----|
| Glow Wire Test (°C) | 650 |
|---------------------|-----|