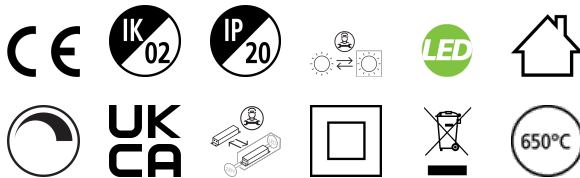


# Beacon Muse CRI97 18W 980lm 3000K O/B Dim Zwart

Artikelnummer 2062563

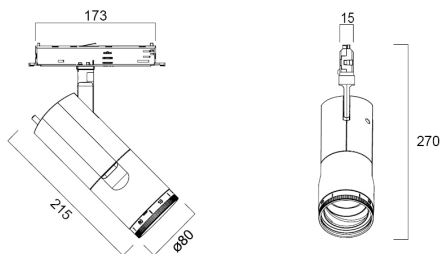
Concord



Simple and slick integral design with no driver box and without any visible screws New technology utilization for improved performance Invisible in-track adaptor for an impressive architectural look Extremely precise light beams due to the high-quality lens ø80mm die-cast aluminium body, Adjustable beam angle: between 8° - 55°, Textured black finishing colour Light color temperature: 3000K, warm light System power: 18W, Fixture lumen output: 980lm, efficacy: 55lm/W, Ra97 typical, LED chromacity: 2 step MacAdam ellipse LED source (SDCM2), IR/UV free light source without heat radiation Operating voltage 220-240V / 50-60Hz, dimmable via on-board potentiometer, suitable for installation on 3-circuit tracks, please check compatibility list on the instruction sheet. Compatible with OneTrack Electrical protection: Class II. Degree of protection: IP20, suitable for indoor environment only Horizontal rotation: 355°, vertical tilt: 90° Nominal product dimensions: D.80mmx215mm 5 years warranty. Suitable for track mounting

## Technische gegevens

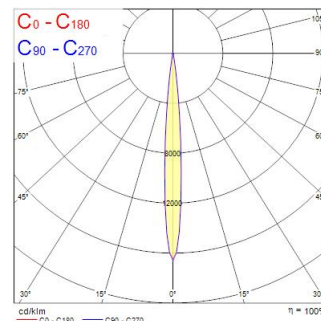
### Afmetingen (mm)



### Fotometrie

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam angle [°] | Beam angle [°] |
|--------------|-------------------|-------------------|----------------|----------------|
| 0.5          | 0.15<br>0.05      | 0.15<br>0.05      | 4.4°<br>1.5°   | 1723<br>1032   |
| 1.0          | 0.15<br>0.16      | 0.15<br>0.16      | 4.4°<br>4.5°   | 839<br>426     |
| 1.5          | 0.23<br>0.24      | 0.23<br>0.24      | 4.4°<br>4.5°   | 373<br>194     |
| 2.0          | 0.31<br>0.31      | 0.31<br>0.31      | 4.4°<br>4.5°   | 210<br>107     |
| 2.5          | 0.38<br>0.39      | 0.38<br>0.39      | 4.4°<br>4.5°   | 134<br>68      |
| 3.0          | 0.46<br>0.47      | 0.46<br>0.47      | 4.4°<br>4.5°   | 93<br>49       |

Distance [m] Cone diameter [m] Beam diameter [m] Beam angle [°] Beam angle [°]  
C0 - C180 (Half beam angle: 8.9°)  
C90 - C270 (Half beam angle: 8.9°)



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## Algemene gegevens

|                               |                                                       |
|-------------------------------|-------------------------------------------------------|
| Productnaam                   | Beacon Muse CRI97<br>18W 980lm 3000K O/B<br>Dim Zwart |
| Technologie                   | LED                                                   |
| Lampvoet                      | N/A                                                   |
| Behuizing                     | Aluminium                                             |
| Montage                       | Railmontage                                           |
| Type armatuur (open/gesloten) | Ingesloten                                            |
| Algemene toepassing           | Museums en galerieën,<br>Winkel, Horeca               |
| Omgevingstemperatuur (°C)     | -10°C...+35°C                                         |
| ETIM klasse                   | EC001744                                              |
| E-nummer FI                   | 4170389                                               |
| Garantie                      | 5 jaar                                                |

## Optische gegevens

|                               |             |
|-------------------------------|-------------|
| Lumenstroom armatuur (lm)     | 980         |
| Efficiëntie armatuur lm/W     | 55          |
| LOR (%)                       | 100         |
| Kleurtemperatuur (K)          | 3000        |
| Lichtkleur                    | Warmwit     |
| CRI (Ra)                      | 97          |
| Initiële kleurvariatie (SDCM) | SDCM2       |
| Luminous Intensity (cd)       | 980         |
| Type licht distributie        | Symmetrisch |
| Fotobiologische risicogroep   | RG1         |

## Elektrische gegevens

|                                                                                |                                |
|--------------------------------------------------------------------------------|--------------------------------|
| Totaal energieverbruik (W)                                                     | 18                             |
| Stroom (A)                                                                     | 0.082                          |
| Primaire voedingsspanning min                                                  | 220.0                          |
| Primaire voedingsspanning max                                                  | 240.0                          |
| Lamp arbeidsfactor                                                             | 0.9                            |
| THD (bij 230 V, 50 Hz, volledige<br>belasting, bij 100% dimniveau) ≤ xx.x<br>% | 7.9                            |
| Elektrische beschermingsklasse                                                 | Klasse II                      |
| Type ballast                                                                   | LED constante stroom<br>driver |
| Dimbaar                                                                        | Ja                             |
| Dimtechnologie                                                                 | Geïntegreerde dimmer           |
| Minimum dimniveau (%)                                                          | 1                              |
| Stuurstroom driver (mA)                                                        | 500                            |
| Inschakelstroom (A)                                                            | 5                              |
| Duur inschakelstroom (µs)                                                      | 50                             |
| Energie-efficiëntieklasse (A->G) van<br>de lichtbron in dit product            | F                              |
| Nominale frequentie (Hz)                                                       | 50/60Hz                        |
| Max. Armaturen per 10A C automaat                                              | 31                             |
| Max. Armaturen per 13A C automaat                                              | 65                             |
| Max. Armaturen per 16A C automaat                                              | 85                             |
| Max. Armaturen per 20A C automaat                                              | 104                            |
| Max. Armaturen per 10A B automaat                                              | 31                             |
| Max. Armaturen per 13A B automaat                                              | 39                             |
| Max. Armaturen per 16A B automaat                                              | 50                             |
| Max. Armaturen per 20A B automaat                                              | 62                             |

## Gegevens levensduur

|                                             |        |
|---------------------------------------------|--------|
| Gemiddelde nominale levensduur -<br>L70 B50 | 100000 |
| Gemiddelde nominale levensduur -<br>L80 B50 | 100000 |
| Gemiddelde nominale levensduur -<br>L90 B50 | 49000  |

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## Fysieke gegevens

|                     |                      |
|---------------------|----------------------|
| Kleur behuizing     | RAL 9005 - Jet black |
| IP waarde           | IP20                 |
| IK waarde           | IK02                 |
| Afwerking diffusor  | Gezandstraald        |
| Materiaal diffusor  | Overige              |
| Afwerking reflector | Mat                  |
| Lengte (mm)         | 215                  |
| Breedte (mm)        | 80                   |
| Hoogte (mm)         | 270                  |
| Gewicht (kg)        | 0.94                 |

## Verpakkingen

|                                |                |
|--------------------------------|----------------|
| EAN code                       | 5025768625635  |
| Enkele lengte verpakking (cm)  | 30.5           |
| Enkele breedte verpakking (cm) | 13.5           |
| Hoogte eenheidsverpakking (cm) | 20.5           |
| DUN14 (inner)                  | 05025768625635 |
| Eenheden per omdoos            | 1              |
| Lengte omdoos (cm)             | 30.5           |
| Breedte omdoos (cm)            | 13.5           |
| Diepte omdoos (cm)             | 20.5           |

## Veiligheidsgegevens

|                                                |        |
|------------------------------------------------|--------|
| Gloeidraad test (°)                            | 650    |
| Optimale bedrijfsomstandigheden (°C)           | -10-35 |
| Uitsluitend te gebruiken in droge toepassingen | Ja     |