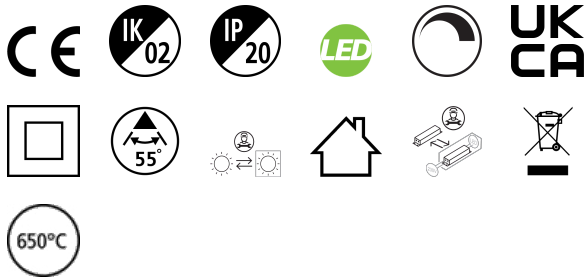


# Beacon CRI97 18W 1250lm 2700K SM Breed O/B Dim Wit

Artikelnummer 2062475

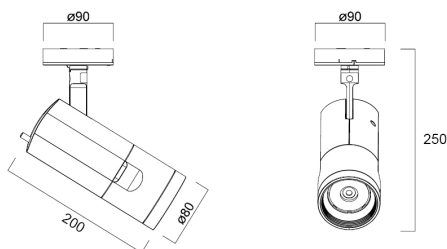
Concord



Simple and slick integral design with no driver box and without any visible screws New technology utilization for improved performance Extremely precise light beams due to the high-quality lenses ø80mm die-cast aluminium body, Fix beam angle: 55° , Textured white finishing colour Light color temperature: 2700K, candle light System power: 18W, Fixture lumen output: 1250lm, efficacy: 69lm/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, Surface mounting with surface mounting base. Electrical protection: Class II. Degree of protection: IP20, suitable for indoor environment only Horizontal rotation: 355°, vertical tilt: 90° Nominal product dimensions: D.80mmx200mm 5 years warranty. Suitable for ceiling surface mounting, and wall surface mounting

## Technische gegevens

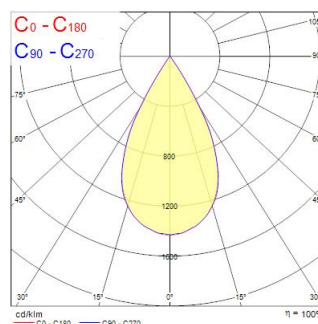
### Afmetingen (mm)



### Fotometrie

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam angle [°] | Beam angle [°] | Illuminance [lx] |
|--------------|-------------------|-------------------|----------------|----------------|------------------|
| 0.5          | 0.52              | 0.52              | 55.0°          | 55.0°          | 7155             |
| 1.0          | 1.04              | 1.04              | 55.0°          | 55.0°          | 1789             |
| 1.5          | 1.56              | 1.56              | 55.0°          | 55.0°          | 796              |
| 2.0          | 2.08              | 2.07              | 55.0°          | 55.0°          | 398              |
| 2.5          | 2.60              | 2.59              | 55.0°          | 55.0°          | 258              |
| 3.0          | 3.12              | 3.11              | 55.0°          | 55.0°          | 199              |

Distance [m] Cone diameter [m]  
— C0 - C180 (half beam angle: 55.0°)  
— C90 - C270 (half beam angle: 55.0°)



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## Algemene gegevens

|                               |                                                    |
|-------------------------------|----------------------------------------------------|
| Productnaam                   | Beacon CRI97 18W 1250lm 2700K SM Breed O/B Dim Wit |
| Technologie                   | LED                                                |
| Lampvoet                      | N/A                                                |
| Behuizing                     | Aluminium                                          |
| Montage                       | Plafondopbouw, Wandopbouw                          |
| Type armatuur (open/gesloten) | Ingesloten                                         |
| Algemene toepassing           | Museums en galerieën, Winkel, Horeca               |
| Omgevingstemperatuur (°C)     | -10°C...+35°C                                      |
| ETIM klasse                   | EC001744                                           |
| Garantie                      | 5 jaar                                             |

## Optische gegevens

|                               |             |
|-------------------------------|-------------|
| Lumenstroom armatuur (lm)     | 1250        |
| Efficiëntie armatuur lm/W     | 69          |
| LOR (%)                       | 100         |
| Kleurtemperatuur (K)          | 2700        |
| Lichtkleur                    | Candlelight |
| CRI (Ra)                      | 97          |
| Initiële kleurvariatie (SDCM) | SDCM2       |
| Luminous Intensity (cd)       | 1250        |
| Bundel breedte (°)            | 55          |
| 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 belasting, bij 100% dimniveau) ≤ xx.x % | 7.9                         |
| Elektrische beschermingsklasse                                           | Klasse II                   |
| Type ballast                                                             | LED constante stroom 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 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 - L70 B50 | 100000 |
| Gemiddelde nominale levensduur - L80 B50 | 100000 |
| Gemiddelde nominale levensduur - L90 B50 | 56000  |

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## Fysieke gegevens

|                     |                                  |
|---------------------|----------------------------------|
| Kleur behuizing     | RAL 9016 - Traffic white / Bezel |
| IP waarde           | IP20                             |
| IK waarde           | IK02                             |
| Afwerking diffusor  | Overige                          |
| Materiaal diffusor  | PMMA Acryl                       |
| Afwerking reflector | Not Applicable                   |
| Lengte (mm)         | 200                              |
| Breedte (mm)        | 80                               |
| Hoogte (mm)         | 250                              |
| Gewicht (kg)        | 1.02                             |

## Verpakkingen

|                                |                |
|--------------------------------|----------------|
| EAN code                       | 5025768624751  |
| Enkele lengte verpakking (cm)  | 30.5           |
| Enkele breedte verpakking (cm) | 13.5           |
| Hoogte eenheidsverpakking (cm) | 20.5           |
| DUN14 (inner)                  | 05025768624751 |
| 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     |