



# Helios LED

## BPS900 GRN34/840 GR CLO-DDF6 166P C4K

Helios LED, LED GreenLine 3300 lm

Helios LED allows significant energy savings while retaining the existing style of light fixture, for instance in renovation projects. With a design symbolizing the Olympic flame, the luminaire is a highly decorative element that will enhance any city space. Helios LED delivers comfortable indirect white light without glare, thanks to the internal optical diffuser, and offers the latest possibilities for dimming.

### Product data

| General Information      |  |
|--------------------------|--|
| Lamp family code         | GRN33 [LED GreenLine 3300 lm]  |
| Light source replaceable | Yes  |
| Driver included          | Yes  |
| Remarks                  | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. |
| Product family code      | BPS900 [Helios LED]  |
| Lighting Technology      | LED  |
| CE mark                  | Yes  |
| ENEC mark                | -  |
| EU RoHS compliant        | No   |
| Embedded control         | Constant light output and DynaDimmer fixed presets version 6   |

| Light Technical                    |                                |
|------------------------------------|--------------------------------|
| Standard tilt angle posttop        | 0°                             |
| Standard tilt angle side entry     | 0°                             |
| Correlated Color Temperature (Nom) | 4000 K                         |
| Color rendering index (CRI)        | 83                             |
| Number of light sources            | 1                              |
| Light source color                 | 840 neutral white              |
| Optical cover type                 | Polycarbonate bowl/cover clear |

| Operating and Electrical |                          |
|--------------------------|--------------------------|
| Input Voltage            | 220 to 240 V             |
| Line Frequency           | 50 to 60 Hz              |
| Cable                    | Cable 4.0 m without plug |

| Temperature               |               |
|---------------------------|---------------|
| Ambient temperature range | -30 to +25 °C |

| Controls and Dimming          |                              |
|-------------------------------|------------------------------|
| Dimmable                      | Yes                          |
| Driver/power unit/transformer | Power supply unit regulating |

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|                       |     |
|-----------------------|-----|
| Control interface     | -   |
| Constant light output | Yes |

## Mechanical and Housing

|                  |                              |
|------------------|------------------------------|
| Housing Material | Aluminum                     |
| Housing Color    | Grey                         |
| Mounting device  | Post-top for diameter 166 mm |

## Approval and Application

|                              |  |
|------------------------------|--|
| Ingress protection code      | IP65 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK10 [20 J vandal-resistant]                 |
| Protection class IEC         | Safety class II                              |

## Initial Performance (IEC Compliant)

|                                       |      |
|---------------------------------------|------|
| Init. Color Rendering Index Tolerance | +/-2 |
|---------------------------------------|------|

## Over Time Performance (IEC Compliant)

|   |     |
|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
|---|-----|

|  |      |
|--|------|
| Lumen maintenance at median useful life* 50000 h | L100 |
|--|------|

## Application Conditions

|                                    |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
|------------------------------------|-------|

## Product Data

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Order product name              | BPS900 GRN34/840 GR CLO-DDF6 166P C4K |
| Full product name               | BPS900 GRN34/840 GR CLO-DDF6 166P C4K |
| Full product code               | 871829198984400                       |
| Order code                      | 919008630640                          |
| Material Nr. (12NC)             | 919008630640                          |
| Numerator - Quantity Per Pack   | 1                                     |
| EAN/UPC - Product/Case          | 8718291989844                         |
| Numerator - Packs per outer box | 1                                     |
| EAN/UPC - Case                  | 8718291989844                         |

## Dimensional drawing

