



Clean design for a versatile luminaire

Harmony 1/2 HID

Harmony is based on a clean shape and a modular construction. It can be adapted to all styles of setting and types of application. Available in two sizes and designed for heights from 4 to 10 meters, the luminaire can be combined with several brackets and wall-mounted solutions, allowing you to compose varied, yet consistent installations. Harmony is the overall lighting solution for classic and contemporary urban settings, integrating the most advanced technologies in the field of photometric and mechanical engineering, as well as in respect of sustainability, safety and maintenance.

Benefits

- Timeless, clean design
- Tool-less maintenance

Features

- High-performance reflector for either road or area lighting distributions
- Installation flexibility : post-top, side-entry, suspended and with dedicated brackets

Application

- Residential streets, pathways, cycle paths, parks and playgrounds, parking areas
- City centers : side streets, walkways, squares and parks, public transport, parking areas

Specifications

| | |
|-----------------------------|---|
| Type | CGP660 (Harmony 1 version) |
| | CGP661 (Harmony 2 version) |
| Light source | 1 x SON-T / E27, E40 / 50, 70, 100, 150, 250 W |
| | 1 x Master CityWhite CDO-TT / E27/ 50, 70, 100, 150 W |
| | 1 x Master CosmoWhite CPOTW / PGZ12 / 45, 60, 90, 140 W |
| Lamp included | No |
| Ballast (integrated) | Electronic (EB) |

| | |
|----------------------|--|
| Mains voltage | 230 or 240 V / 50 - 60 Hz |
| Ignitor | Digital serial (SUD) |
| Optic | Ireflect Reflector version 100 and 200 (Harmony 1), RR (Harmony 2) |
| Optical cover | Polycarbonate clear bowl |
| Options | Dali |
| | Dynadimmer |
| | Lineswitch |

Harmony 1/2 HID

| | |
|-------------------------|---|
| Materials and finishing | Housing: moulding aluminum |
| | Bowl: polycarbonate, clear |
| | Flat glass, clear |
| | Reflector: anodized aluminum |
| Color | Grey |
| | Other RAL or AKZO Futura colors available on request |
| Installation | Side-entry, post top for 60 mm pole, suspended 1'G, Harmony 1 & 2 |
| | LED prepared for dediacted brackets |
| | Recommended mounting height: 4 - 8 m |
| | Operating temperature: -25 to +35 °C |
| | Weight: 10 - 17 kg |
| | Max SCx: 0.18 m² (suspended) - 0.225 m² (lyre) |

| | |
|-------------|--------------------|
| Accessories | Top or Lower Crown |
|-------------|--------------------|

Versions

Harmony 1 HID CGP660 urban-lighting luminaire, side-entry version



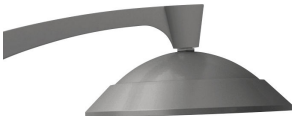
Harmony 1 HID CGP660 urban-lighting luminaire, post-top version



Harmony 1 HID CGP660 urban-lighting luminaire, suspended version



Harmony 1 HID CGP660 urban-lighting luminaire, bracket version



Product details

Below view of reflector



Polycarbonate bowl



Harmony 1/2 HID

Application Conditions

| | |
|-------------------|----------------|
| Maximum dim level | Not applicable |
|-------------------|----------------|

Approval and Application

| | |
|--|---|
| Surge Protection (Common/Differential) | Philips standard surge protection level |
|--|---|

General Information

| | |
|-----------------------------|-------------------------|
| Luminaire light beam spread | 360° |
| CE mark | CE mark |
| Color choice | Gray Gris 2900 Sablé |
| Driver included | Yes |
| ENEC mark | - |
| Flammability mark | - |
| Gear | EB |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Number of light sources | 1 pc |
| UL mark | - |

Initial Performance (IEC Compliant)

| | |
|-----------------------------|----------------|
| Init. Color Rendering Index | Not applicable |
|-----------------------------|----------------|

Light Technical

| | |
|--------------------------------|------|
| Standard tilt angle side entry | 0° |
| Standard tilt angle posttop | 0° |
| Upward light output ratio | 0.03 |

Mechanical and Housing

| | |
|-------|------|
| Color | Gray |
|-------|------|

Approval and Application

| Order Code | Full Product Name | Mech. impact protection code |
|--------------|--|------------------------------|
| 912300023484 | CGP660 SON-T150W I R200 FG GR-2900 60S | IK09 |
| 912300023485 | CGP660 CDO-TT70W II R200 PC GR-2900 60P | IK10 |
| 912300023489 | CGP661 CDO-TT70W II RR PC GR-2900 60P | IK10 |
| 912300023486 | CGP660 CPO-TW60W II R100 FG GR-2900 G1 | IK09 |
| 912300023490 | CGP661 CDO-TT150W II RR FG GR-2900 G1 | IK09 |
| 912300023487 | CGP660 CPO-TW60W I R100 FG GR-2900 MB | IK09 |
| 912300023491 | CGP661 SON-T100W I RR FG GR-2900 DDF1 MB | IK09 |

Controls and Dimming

| Order Code | Full Product Name | Dimmable |
|--------------|---|----------|
| 912300023484 | CGP660 SON-T150W I R200 FG GR-2900 60S | No |
| 912300023485 | CGP660 CDO-TT70W II R200 PC GR-2900 60P | No |
| 912300023489 | CGP661 CDO-TT70W II RR PC GR-2900 60P | No |
| 912300023486 | CGP660 CPO-TW60W II R100 FG GR-2900 G1 | No |

| Order Code | Full Product Name | Dimmable |
|--------------|--|----------|
| 912300023490 | CGP661 CDO-TT150W II RR FG GR-2900 G1 | No |
| 912300023487 | CGP660 CPO-TW60W I R100 FG GR-2900 MB | No |
| 912300023491 | CGP661 SON-T100W I RR FG GR-2900 DDF1 MB | Yes |

Operating and Electrical

| Order Code | Full Product Name | Driver current |
|--------------|---|----------------|
| 912300023484 | CGP660 SON-T150W I R200 FG GR-2900 60S | 571 mA |
| 912300023485 | CGP660 CDO-TT70W II R200 PC GR-2900 60P | 300 mA |
| 912300023489 | CGP661 CDO-TT70W II RR PC GR-2900 60P | 300 mA |
| 912300023486 | CGP660 CPO-TW60W II R100 FG GR-2900 G1 | 260 mA |

| Order Code | Full Product Name | Driver current |
|--------------|--|----------------|
| 912300023490 | CGP661 CDO-TT150W II RR FG GR-2900 G1 | 610 mA |
| 912300023487 | CGP660 CPO-TW60W I R100 FG GR-2900 MB | 260 mA |
| 912300023491 | CGP661 SON-T100W I RR FG GR-2900 DDF1 MB | 435 mA |

General Information (1/2)

Harmony 1/2 HID

| Order Code | Full Product Name | Light source color | Optical cover/lens type | Lamp family code | Lamp power |
|--------------|---|--------------------|--------------------------|------------------|------------|
| 912300023484 | CGP660 SON-T150W I R200 FG GR-2900 60S | Amber | Flat glass | SON-T | 150 W |
| 912300023485 | CGP660 CDO-TT70W II R200 PC GR-2900 60P | White | Polycarbonate bowl/cover | CDO-TT | 70 W |
| 912300023489 | CGP661 CDO-TT70W II RR PC GR-2900 60P | White | Polycarbonate bowl/cover | CDO-TT | 70 W |
| 912300023486 | CGP660 CPO-TW60W II R100 FG GR-2900 G1 | White | Flat glass | CPO-TW | 60 W |

| Order Code | Full Product Name | Light source color | Optical cover/lens type | Lamp family code | Lamp power |
|--------------|--|--------------------|-------------------------|------------------|------------|
| 912300023490 | CGP661 CDO-TT150W II RR FG GR-2900 G1 | White | Flat glass | CDO-TT | 150 W |
| 912300023487 | CGP660 CPO-TW60W I R100 FG GR-2900 MB | White | Flat glass | CPO-TW | 60 W |
| 912300023491 | CGP661 SON-T100W I RR FG GR-2900 DDF1 MB | Amber | Flat glass | SON-T | 100 W |

General Information (2/2)

| Order Code | Full Product Name | Optic type | Product Family Code |
|--------------|---|--------------------------------|---------------------|
| 912300023484 | CGP660 SON-T150W I R200 FG GR-2900 60S | iReflect reflector version 200 | CGP660 |
| 912300023485 | CGP660 CDO-TT70W II R200 PC GR-2900 60P | iReflect reflector version 200 | CGP660 |
| 912300023489 | CGP661 CDO-TT70W II RR PC GR-2900 60P | Road-lighting reflector | CGP661 |
| 912300023486 | CGP660 CPO-TW60W II R100 FG GR-2900 G1 | iReflect reflector version 100 | CGP660 |

| Order Code | Full Product Name | Optic type | Product Family Code |
|--------------|--|--------------------------------|---------------------|
| 912300023490 | CGP661 CDO-TT150W II RR FG GR-2900 G1 | Road-lighting reflector | CGP661 |
| 912300023487 | CGP660 CPO-TW60W I R100 FG GR-2900 MB | iReflect reflector version 100 | CGP660 |
| 912300023491 | CGP661 SON-T100W I RR FG GR-2900 DDF1 MB | Road-lighting reflector | CGP661 |

Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Init. Corr. Color Temperature | Initial luminous flux |
|--------------|---|-------------------------------|-----------------------|
| 912300023484 | CGP660 SON-T150W I R200 FG GR-2900 60S | 2000 K | 18000 lm |
| 912300023485 | CGP660 CDO-TT70W II R200 PC GR-2900 60P | 2800 K | 6300 lm |
| 912300023489 | CGP661 CDO-TT70W II RR PC GR-2900 60P | 2800 K | 6300 lm |
| 912300023486 | CGP660 CPO-TW60W II R100 FG GR-2900 G1 | 2700 to 4000 K | 6800 lm |

| Order Code | Full Product Name | Init. Corr. Color Temperature | Initial luminous flux |
|--------------|--|-------------------------------|-----------------------|
| 912300023490 | CGP661 CDO-TT150W II RR FG GR-2900 G1 | 2800 K | 13500 lm |
| 912300023487 | CGP660 CPO-TW60W I R100 FG GR-2900 MB | 2700 to 4000 K | 6800 lm |
| 912300023491 | CGP661 SON-T100W I RR FG GR-2900 DDF1 MB | 2000 K | 10700 lm |

