



# Competitive industry solution with an attractive look and feel

## GreenPerform Highbay G4

Following the success of the GreenPerform Highbay families, the GreenPerform Highbay G4 is continuously exploring a better price and performance balance. The product family offers wide product ranges, competitive enough SPEC with long-term quality and reliability, covering most of the potential industrial applications.

### Benefits

- Strong energy-saving story
- Better and easier on-site calibration
- Robust and reliable with a long service lifetime
- Various application requirements satisfied with the complete product family

### Features

- System efficacy 135 lm/W  $\pm 10\%$
- Round light exit window for better and easier on-site calibration
- Long service lifetime 50 Khrs L70B50 @Ta 35 °C
- Complete lumen package offering
- Multiple optics available: WB & NB
- Suitable for hook, pipe and bracket mounting

### Application

- General manufacturing
- Warehouses and logistical centres
- Exhibition halls and high ceiling lounges

# GreenPerform Highbay G4

## Versions



| Application Conditions              |                    |
|-------------------------------------|--------------------|
| Suitable for random switching       | No                 |
| Approval and Application            |                    |
| Mech. impact protection code        | IK08               |
| Ingress protection code             | IP65               |
| Operating and Electrical            |                    |
| Input Voltage                       | 220 to 240 V       |
| General Information                 |                    |
| CE mark                             | CE mark            |
| Protection class IEC                | Safety class I (I) |
| Driver included                     | Yes                |
| ENEC mark                           | -                  |
| Flammability mark                   | F                  |
| Light source replaceable            | No                 |
| Initial Performance (IEC Compliant) |                    |
| Init. Colour rendering index        | >80                |
| Luminous flux tolerance             | +/-10%             |
| Mechanical and Housing              |                    |
| Colour                              | Grey               |

## Application Conditions

| Order Code   | Full Product Name             | Ambient temperature range | Maximum dimming level |
|--------------|-------------------------------|---------------------------|-----------------------|
| 911401516761 | BY698P LED68/CW PSU WB GM G2  | -30 to +50 °C             | Not applicable        |
| 911401516861 | BY698P LED68/NW PSU NB GM G2  | -30 to +50 °C             | Not applicable        |
| 911401516961 | BY698P LED68/NW PSU WB GM G2  | -30 to +50 °C             | Not applicable        |
| 911401517061 | BY698P LED105/CW PSU NB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401517161 | BY698P LED105/CW PSU WB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401517261 | BY698P LED105/NW PSU NB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401517361 | BY698P LED105/NW PSU WB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401517461 | BY698P LED155/CW PSU NB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401517561 | BY698P LED155/CW PSU WB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401517661 | BY698P LED155/NW PSU NB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401517761 | BY698P LED155/NW PSU WB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401517861 | BY698P LED205/CW PSU NB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401517961 | BY698P LED205/CW PSU WB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401518061 | BY698P LED205/NW PSU NB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401518161 | BY698P LED205/NW PSU WB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401518261 | BY698P LED265/CW PSU NB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401518361 | BY698P LED265/CW PSU WB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401518461 | BY698P LED265/NW PSU NB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401518561 | BY698P LED265/NW PSU WB GM G2 | -30 to +50 °C             | Not applicable        |
| 911401534161 | BY698P LED105/CW PSD WB GM G2 | -30 to +45 °C             | 5% (1 to 10 V)        |
| 911401535361 | BY698P LED265/CW PSD WB GM G2 | -30 to +45 °C             | 5% (1 to 10 V)        |
| 911401535461 | BY698P LED265/NW PSD NB GM G2 | -30 to +45 °C             | 5% (1 to 10 V)        |
| 911401535561 | BY698P LED265/NW PSD WB GM G2 | -30 to +45 °C             | 5% (1 to 10 V)        |

## Controls and Dimming

| Order Code   | Full Product Name             | Dimmable | Order Code   | Full Product Name             | Dimmable |
|--------------|-------------------------------|----------|--------------|-------------------------------|----------|
| 911401516761 | BY698P LED68/CW PSU WB GM G2  | No       | 911401517661 | BY698P LED155/NW PSU NB GM G2 | No       |
| 911401516861 | BY698P LED68/NW PSU NB GM G2  | No       | 911401517761 | BY698P LED155/NW PSU WB GM G2 | No       |
| 911401516961 | BY698P LED68/NW PSU WB GM G2  | No       | 911401517861 | BY698P LED205/CW PSU NB GM G2 | No       |
| 911401517061 | BY698P LED105/CW PSU NB GM G2 | No       | 911401517961 | BY698P LED205/CW PSU WB GM G2 | No       |
| 911401517161 | BY698P LED105/CW PSU WB GM G2 | No       | 911401518061 | BY698P LED205/NW PSU NB GM G2 | No       |
| 911401517261 | BY698P LED105/NW PSU NB GM G2 | No       | 911401518161 | BY698P LED205/NW PSU WB GM G2 | No       |
| 911401517361 | BY698P LED105/NW PSU WB GM G2 | No       | 911401518261 | BY698P LED265/CW PSU NB GM G2 | No       |
| 911401517461 | BY698P LED155/CW PSU NB GM G2 | No       | 911401518361 | BY698P LED265/CW PSU WB GM G2 | No       |
| 911401517561 | BY698P LED155/CW PSU WB GM G2 | No       | 911401518461 | BY698P LED265/NW PSU NB GM G2 | No       |

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| Order Code   | Full Product Name             | Dimmable |
|--------------|-------------------------------|----------|
| 911401518561 | BY698P LED265/NW PSU WB GM G2 | No       |
| 911401534161 | BY698P LED105/CW PSD WB GM G2 | Yes      |
| 911401535361 | BY698P LED265/CW PSD WB GM G2 | Yes      |

| Order Code   | Full Product Name             | Dimmable |
|--------------|-------------------------------|----------|
| 911401535461 | BY698P LED265/NW PSD NB GM G2 | Yes      |
| 911401535561 | BY698P LED265/NW PSD WB GM G2 | Yes      |

### General Information (1/2)

| Order Code   | Full Product Name             | Beam angle of light source | Optical cover/lens type | Glow-wire test | Number of gear units |
|--------------|-------------------------------|----------------------------|-------------------------|----------------|----------------------|
| 911401516761 | BY698P LED68/CW PSU WB GM G2  | -                          | PC                      | 650/30         | 1 unit               |
| 911401516861 | BY698P LED68/NW PSU NB GM G2  | -                          | PC                      | 650/30         | 1 unit               |
| 911401516961 | BY698P LED68/NW PSU WB GM G2  | -                          | PC                      | 650/30         | 1 unit               |
| 911401517061 | BY698P LED105/CW PSU NB GM G2 | -                          | PC                      | 650/30         | 1 unit               |
| 911401517161 | BY698P LED105/CW PSU WB GM G2 | -                          | PC                      | 650/30         | 1 unit               |
| 911401517261 | BY698P LED105/NW PSU NB GM G2 | -                          | PC                      | 650/30         | 1 unit               |
| 911401517361 | BY698P LED105/NW PSU WB GM G2 | -                          | PC                      | 650/30         | 1 unit               |
| 911401517461 | BY698P LED155/CW PSU NB GM G2 | -                          | PC                      | 650/30         | 1 unit               |
| 911401517561 | BY698P LED155/CW PSU WB GM G2 | -                          | PC                      | 650/30         | 1 unit               |
| 911401517661 | BY698P LED155/NW PSU NB GM G2 | -                          | PC                      | 650/30         | 1 unit               |
| 911401517761 | BY698P LED155/NW PSU WB GM G2 | -                          | PC                      | 650/30         | 1 unit               |
| 911401517861 | BY698P LED205/CW PSU NB GM G2 | -                          | PC                      | 650/30         | 1 unit               |

| Order Code   | Full Product Name             | Beam angle of light source | Optical cover/lens type | Glow-wire test | Number of gear units |
|--------------|-------------------------------|----------------------------|-------------------------|----------------|----------------------|
| 911401517961 | BY698P LED205/CW PSU WB GM G2 | -                          | PC                      | 650/30         | 1 unit               |
| 911401518061 | BY698P LED205/NW PSU NB GM G2 | -                          | PC                      | 650/30         | 1 unit               |
| 911401518161 | BY698P LED205/NW PSU WB GM G2 | -                          | PC                      | 650/30         | 1 unit               |
| 911401518261 | BY698P LED265/CW PSU NB GM G2 | -                          | PC                      | 650/30         | 2 units              |
| 911401518361 | BY698P LED265/CW PSU WB GM G2 | -                          | PC                      | 650/30         | 2 units              |
| 911401518461 | BY698P LED265/NW PSU NB GM G2 | -                          | PC                      | 650/30         | 2 units              |
| 911401518561 | BY698P LED265/NW PSU WB GM G2 | -                          | PC                      | 650/30         | 2 units              |
| 911401534161 | BY698P LED105/CW PSD WB GM G2 | 90 °                       | Without cover           | 750/5          | 1 unit               |
| 911401535361 | BY698P LED265/CW PSD WB GM G2 | 90 °                       | Without cover           | 750/5          | 2 units              |
| 911401535461 | BY698P LED265/NW PSD NB GM G2 | 60 °                       | Without cover           | 750/5          | 2 units              |
| 911401535561 | BY698P LED265/NW PSD WB GM G2 | 90 °                       | Without cover           | 750/5          | 2 units              |

### General Information (2/2)

| Order Code   | Full Product Name             | Optic type  |
|--------------|-------------------------------|-------------|
| 911401516761 | BY698P LED68/CW PSU WB GM G2  | Symmetrical |
| 911401516861 | BY698P LED68/NW PSU NB GM G2  | Symmetrical |
| 911401516961 | BY698P LED68/NW PSU WB GM G2  | Symmetrical |
| 911401517061 | BY698P LED105/CW PSU NB GM G2 | Symmetrical |
| 911401517161 | BY698P LED105/CW PSU WB GM G2 | Symmetrical |
| 911401517261 | BY698P LED105/NW PSU NB GM G2 | Symmetrical |
| 911401517361 | BY698P LED105/NW PSU WB GM G2 | Symmetrical |
| 911401517461 | BY698P LED155/CW PSU NB GM G2 | Symmetrical |
| 911401517561 | BY698P LED155/CW PSU WB GM G2 | Symmetrical |
| 911401517661 | BY698P LED155/NW PSU NB GM G2 | Symmetrical |
| 911401517761 | BY698P LED155/NW PSU WB GM G2 | Symmetrical |
| 911401517861 | BY698P LED205/CW PSU NB GM G2 | Symmetrical |

| Order Code   | Full Product Name             | Optic type  |
|--------------|-------------------------------|-------------|
| 911401517961 | BY698P LED205/CW PSU WB GM G2 | Symmetrical |
| 911401518061 | BY698P LED205/NW PSU NB GM G2 | Symmetrical |
| 911401518161 | BY698P LED205/NW PSU WB GM G2 | Symmetrical |
| 911401518261 | BY698P LED265/CW PSU NB GM G2 | Symmetrical |
| 911401518361 | BY698P LED265/CW PSU WB GM G2 | Symmetrical |
| 911401518461 | BY698P LED265/NW PSU NB GM G2 | Symmetrical |
| 911401518561 | BY698P LED265/NW PSU WB GM G2 | Symmetrical |
| 911401534161 | BY698P LED105/CW PSD WB GM G2 | 90          |
| 911401535361 | BY698P LED265/CW PSD WB GM G2 | 90          |
| 911401535461 | BY698P LED265/NW PSD NB GM G2 | 60          |
| 911401535561 | BY698P LED265/NW PSD WB GM G2 | 90          |

### Initial Performance (IEC Compliant)

## GreenPerform Highbay G4

| Order Code   | Full Product Name             | Init. Corr. Colour Temperature | Initial LED luminaire efficacy | Initial luminous flux | Initial input power |
|--------------|-------------------------------|--------------------------------|--------------------------------|-----------------------|---------------------|
| 911401516761 | BY698P LED68/CW PSU WB GM G2  | 6500 K                         | 135 lm/W                       | 6800 lm               | 52 W                |
| 911401516861 | BY698P LED68/NW PSU NB GM G2  | 4000 K                         | 135 lm/W                       | 6800 lm               | 52 W                |
| 911401516961 | BY698P LED68/NW PSU WB GM G2  | 4000 K                         | 135 lm/W                       | 6800 lm               | 52 W                |
| 911401517061 | BY698P LED105/CW PSU NB GM G2 | 6500 K                         | 135 lm/W                       | 10500 lm              | 78 W                |
| 911401517161 | BY698P LED105/CW PSU WB GM G2 | 6500 K                         | 135 lm/W                       | 10500 lm              | 78 W                |
| 911401517261 | BY698P LED105/NW PSU NB GM G2 | 4000 K                         | 135 lm/W                       | 10500 lm              | 78 W                |
| 911401517361 | BY698P LED105/NW PSU WB GM G2 | 4000 K                         | 135 lm/W                       | 10500 lm              | 78 W                |
| 911401517461 | BY698P LED155/CW PSU NB GM G2 | 6500 K                         | 135 lm/W                       | 15500 lm              | 115 W               |
| 911401517561 | BY698P LED155/CW PSU WB GM G2 | 6500 K                         | 135 lm/W                       | 15500 lm              | 115 W               |
| 911401517661 | BY698P LED155/NW PSU NB GM G2 | 4000 K                         | 135 lm/W                       | 15500 lm              | 115 W               |
| 911401517761 | BY698P LED155/NW PSU WB GM G2 | 4000 K                         | 135 lm/W                       | 15500 lm              | 115 W               |
| 911401517861 | BY698P LED205/CW PSU NB GM G2 | 6500 K                         | 135 lm/W                       | 20500 lm              | 149 W               |

| Order Code   | Full Product Name             | Init. Corr. Colour Temperature | Initial LED luminaire efficacy | Initial luminous flux | Initial input power |
|--------------|-------------------------------|--------------------------------|--------------------------------|-----------------------|---------------------|
| 911401517961 | BY698P LED205/CW PSU WB GM G2 | 6500 K                         | 135 lm/W                       | 20500 lm              | 149 W               |
| 911401518061 | BY698P LED205/NW PSU NB GM G2 | 4000 K                         | 135 lm/W                       | 20500 lm              | 149 W               |
| 911401518161 | BY698P LED205/NW PSU WB GM G2 | 4000 K                         | 135 lm/W                       | 20500 lm              | 149 W               |
| 911401518261 | BY698P LED265/CW PSU NB GM G2 | 6500 K                         | 135 lm/W                       | 26500 lm              | 192 W               |
| 911401518361 | BY698P LED265/CW PSU WB GM G2 | 6500 K                         | 135 lm/W                       | 26500 lm              | 192 W               |
| 911401518461 | BY698P LED265/NW PSU NB GM G2 | 4000 K                         | 135 lm/W                       | 26500 lm              | 192 W               |
| 911401518561 | BY698P LED265/NW PSU WB GM G2 | 4000 K                         | 135 lm/W                       | 26500 lm              | 192 W               |
| 911401534161 | BY698P LED105/CW PSD WB GM G2 | 6500 K                         | 127 lm/W                       | 10500 lm              | 83 W                |
| 911401535361 | BY698P LED265/CW PSD WB GM G2 | 6500 K                         | 128 lm/W                       | 26500 lm              | 207 W               |
| 911401535461 | BY698P LED265/NW PSD NB GM G2 | 4000 K                         | 128 lm/W                       | 26500 lm              | 207 W               |
| 911401535561 | BY698P LED265/NW PSD WB GM G2 | 4000 K                         | 128 lm/W                       | 26500 lm              | 207 W               |

| Order Code   | Full Product Name             | Driver failure rate at 5,000 hours |
|--------------|-------------------------------|------------------------------------|
| 911401516761 | BY698P LED68/CW PSU WB GM G2  | -                                  |
| 911401516861 | BY698P LED68/NW PSU NB GM G2  | -                                  |
| 911401516961 | BY698P LED68/NW PSU WB GM G2  | -                                  |
| 911401517061 | BY698P LED105/CW PSU NB GM G2 | -                                  |
| 911401517161 | BY698P LED105/CW PSU WB GM G2 | -                                  |
| 911401517261 | BY698P LED105/NW PSU NB GM G2 | -                                  |
| 911401517361 | BY698P LED105/NW PSU WB GM G2 | -                                  |
| 911401517461 | BY698P LED155/CW PSU NB GM G2 | -                                  |
| 911401517561 | BY698P LED155/CW PSU WB GM G2 | -                                  |
| 911401517661 | BY698P LED155/NW PSU NB GM G2 | -                                  |

| Order Code   | Full Product Name             | Driver failure rate at 5,000 hours |
|--------------|-------------------------------|------------------------------------|
| 911401517761 | BY698P LED155/NW PSU WB GM G2 | -                                  |
| 911401517861 | BY698P LED205/CW PSU NB GM G2 | -                                  |
| 911401517961 | BY698P LED205/CW PSU WB GM G2 | -                                  |
| 911401518061 | BY698P LED205/NW PSU NB GM G2 | -                                  |
| 911401518161 | BY698P LED205/NW PSU WB GM G2 | -                                  |
| 911401518261 | BY698P LED265/CW PSU NB GM G2 | -                                  |
| 911401518361 | BY698P LED265/CW PSU WB GM G2 | -                                  |
| 911401518461 | BY698P LED265/NW PSU NB GM G2 | -                                  |
| 911401518561 | BY698P LED265/NW PSU WB GM G2 | -                                  |
| 911401534161 | BY698P LED105/CW PSD WB GM G2 | 0.1 %                              |

## GreenPerform Highbay G4

| Order Code   | Full Product Name             | Driver failure rate at 5,000 hours |
|--------------|-------------------------------|------------------------------------|
| 911401535361 | BY698P LED265/CW PSD WB GM G2 | 0.1 %                              |
| 911401535461 | BY698P LED265/NW PSD NB GM G2 | 0.1 %                              |

| Order Code   | Full Product Name             | Driver failure rate at 5,000 hours |
|--------------|-------------------------------|------------------------------------|
| 911401535561 | BY698P LED265/NW PSD WB GM G2 | 0.1 %                              |

