



# The most competitive specification downlight for TCO attractiveness with diversity and system compatibility

## GreenSpace G5

GreenSpace Gen5 is a new LED downlight range combining light efficiency and comfort with product diversity and system compatibility

### Benefits

- Energy-efficient
- Compact design
- Smart lighting

### Features

- High optical efficiency
- Compact form factor
- DALI/DALI-VLC/POE-compatible

### Application

- Office
- shopping centre
- hotel
- retail etc.

Versions



DN390B LED6 D100 WH



DN391B DN392B D150 WH



DN392B DN393B D200 WH



DN391B DN392B D150 ALU



## Application Conditions

|                               |                |
|-------------------------------|----------------|
| Ambient temperature range     | -20 to +40 °C  |
| Suitable for random switching | Not applicable |

## Approval and Application

|                              |      |
|------------------------------|------|
| Mech. impact protection code | IK02 |
|------------------------------|------|

## Operating and Electrical

|               |           |
|---------------|-----------|
| Input Voltage | 220-240 V |
|---------------|-----------|

## General Information

|                          |                    |
|--------------------------|--------------------|
| Protection class IEC     | Safety class I (I) |
| Driver included          | Yes                |
| Flammability mark        | F                  |
| Glow-wire test           | 650/30             |
| Light source replaceable | No                 |
| Number of gear units     | 1 unit             |
| Optic type               | C-H                |

## Initial Performance (IEC Compliant)

|                              |        |
|------------------------------|--------|
| Init. Colour Rendering Index | >80    |
| Luminous flux tolerance      | +/-10% |

## Mechanical and Housing

|        |                 |
|--------|-----------------|
| Colour | Black and White |
|--------|-----------------|

## Over Time Performance (IEC Compliant)

|                           |         |
|---------------------------|---------|
| Median useful life L80B50 | 43000 h |
| Median useful life L90B50 | 20000 h |

## Application Conditions

| Order Code   | Full Product Name                   | Maximum dim level |
|--------------|-------------------------------------|-------------------|
| 911401582841 | DN390B LED6/830 PSU D100 WH CAU     | Not applicable    |
| 911401582941 | DN390B LED6/840 PSU D100 WH CAU     | Not applicable    |
| 911401583041 | DN391B LED11/830 PSU D150 WH CAU    | Not applicable    |
| 911401583141 | DN391B LED11/840 PSU D150 WH CAU    | Not applicable    |
| 911401583841 | DN391B LED11/830 PSU D150 WH WP CAU | Not applicable    |
| 911401583941 | DN391B LED11/840 PSU D150 WH WP CAU | Not applicable    |
| 911401584241 | DN391B LED11/830 PSD D150 WH CAU    | -                 |
| 911401584341 | DN391B LED11/840 PSD D150 WH CAU    | -                 |
| 911401583241 | DN392B LED16/830 PSU D200 WH CAU    | Not applicable    |
| 911401583341 | DN392B LED16/840 PSU D200 WH CAU    | Not applicable    |
| 911401583441 | DN393B LED22/830 PSU D200 WH CAU    | Not applicable    |
| 911401583541 | DN393B LED22/840 PSU D200 WH CAU    | Not applicable    |
| 911401584041 | DN393B LED22/830 PSU D200 WH WP CAU | Not applicable    |
| 911401584141 | DN393B LED22/840 PSU D200 WH WP CAU | Not applicable    |
| 911401584641 | DN392B LED16/830 PSD D200 WH CAU    | -                 |
| 911401584741 | DN392B LED16/840 PSD D200 WH CAU    | -                 |
| 911401585041 | DN393B LED22/830 PSD D200 WH CAU    | -                 |
| 911401585141 | DN393B LED22/840 PSD D200 WH CAU    | -                 |
| 911401584441 | DN391B LED11/830 PSD D150 ALU CAU   | -                 |
| 911401584541 | DN391B LED11/840 PSD D150 ALU CAU   | -                 |
| 911401584841 | DN392B LED16/830 PSD D200 ALU CAU   | -                 |
| 911401584941 | DN392B LED16/840 PSD D200 ALU CAU   | -                 |
| 911401585241 | DN393B LED22/830 PSD D200 ALU CAU   | -                 |

## Approval and Application

| Order Code   | Full Product Name                   | Ingress protection code | Order Code   | Full Product Name                   | Ingress protection code |
|--------------|-------------------------------------|-------------------------|--------------|-------------------------------------|-------------------------|
| 911401582841 | DN390B LED6/830 PSU D100 WH CAU     | IP20                    | 911401584041 | DN393B LED22/830 PSU D200 WH WP CAU | IP20/54                 |
| 911401582941 | DN390B LED6/840 PSU D100 WH CAU     | IP20                    | 911401584141 | DN393B LED22/840 PSU D200 WH WP CAU | IP20/54                 |
| 911401583041 | DN391B LED11/830 PSU D150 WH CAU    | IP20                    | 911401584641 | DN392B LED16/830 PSD D200 WH CAU    | IP20                    |
| 911401583141 | DN391B LED11/840 PSU D150 WH CAU    | IP20                    | 911401584741 | DN392B LED16/840 PSD D200 WH CAU    | IP20                    |
| 911401583841 | DN391B LED11/830 PSU D150 WH WP CAU | IP20/54                 | 911401585041 | DN393B LED22/830 PSD D200 WH CAU    | IP20                    |
| 911401583941 | DN391B LED11/840 PSU D150 WH WP CAU | IP20/54                 | 911401585141 | DN393B LED22/840 PSD D200 WH CAU    | IP20                    |
| 911401584241 | DN391B LED11/830 PSD D150 WH CAU    | IP20                    | 911401584441 | DN391B LED11/830 PSD D150 ALU CAU   | IP20                    |
| 911401584341 | DN391B LED11/840 PSD D150 WH CAU    | IP20                    | 911401584541 | DN391B LED11/840 PSD D150 ALU CAU   | IP20                    |
| 911401583241 | DN392B LED16/830 PSU D200 WH CAU    | IP20                    | 911401584841 | DN392B LED16/830 PSD D200 ALU CAU   | IP20                    |
| 911401583341 | DN392B LED16/840 PSU D200 WH CAU    | IP20                    | 911401584941 | DN392B LED16/840 PSD D200 ALU CAU   | IP20                    |
| 911401583441 | DN393B LED22/830 PSU D200 WH CAU    | IP20                    | 911401585241 | DN393B LED22/830 PSD D200 ALU CAU   | IP20                    |
| 911401583541 | DN393B LED22/840 PSU D200 WH CAU    | IP20                    |              |                                     |                         |

## Controls and Dimming

| Order Code   | Full Product Name                | Dimmable | Order Code   | Full Product Name                   | Dimmable |
|--------------|----------------------------------|----------|--------------|-------------------------------------|----------|
| 911401582841 | DN390B LED6/830 PSU D100 WH CAU  | No       | 911401583141 | DN391B LED11/840 PSU D150 WH CAU    | No       |
| 911401582941 | DN390B LED6/840 PSU D100 WH CAU  | No       | 911401583841 | DN391B LED11/830 PSU D150 WH WP CAU | No       |
| 911401583041 | DN391B LED11/830 PSU D150 WH CAU | No       | 911401583941 | DN391B LED11/840 PSU D150 WH WP CAU | No       |

| Order Code   | Full Product Name                   | Dimmable |
|--------------|-------------------------------------|----------|
| 911401584241 | DN391B LED11/830 PSD D150 WH CAU    | Yes      |
| 911401584341 | DN391B LED11/840 PSD D150 WH CAU    | Yes      |
| 911401583241 | DN392B LED16/830 PSU D200 WH CAU    | No       |
| 911401583341 | DN392B LED16/840 PSU D200 WH CAU    | No       |
| 911401583441 | DN393B LED22/830 PSU D200 WH CAU    | No       |
| 911401583541 | DN393B LED22/840 PSU D200 WH CAU    | No       |
| 911401584041 | DN393B LED22/830 PSU D200 WH WP CAU | No       |
| 911401584141 | DN393B LED22/840 PSU D200 WH WP CAU | No       |
| 911401584641 | DN392B LED16/830 PSD D200 WH CAU    | Yes      |

| Order Code   | Full Product Name                 | Dimmable |
|--------------|-----------------------------------|----------|
| 911401584741 | DN392B LED16/840 PSD D200 WH CAU  | Yes      |
| 911401585041 | DN393B LED22/830 PSD D200 WH CAU  | Yes      |
| 911401585141 | DN393B LED22/840 PSD D200 WH CAU  | Yes      |
| 911401584441 | DN391B LED11/830 PSD D150 ALU CAU | Yes      |
| 911401584541 | DN391B LED11/840 PSD D150 ALU CAU | Yes      |
| 911401584841 | DN392B LED16/830 PSD D200 ALU CAU | Yes      |
| 911401584941 | DN392B LED16/840 PSD D200 ALU CAU | Yes      |
| 911401585241 | DN393B LED22/830 PSD D200 ALU CAU | Yes      |

## General Information

| Order Code   | Full Product Name                   | Beam angle of light source |
|--------------|-------------------------------------|----------------------------|
| 911401582841 | DN390B LED6/830 PSU D100 WH CAU     | 72 °                       |
| 911401582941 | DN390B LED6/840 PSU D100 WH CAU     | 72 °                       |
| 911401583041 | DN391B LED11/830 PSU D150 WH CAU    | 85 °                       |
| 911401583141 | DN391B LED11/840 PSU D150 WH CAU    | 85 °                       |
| 911401583841 | DN391B LED11/830 PSU D150 WH WP CAU | 85 °                       |
| 911401583941 | DN391B LED11/840 PSU D150 WH WP CAU | 85 °                       |
| 911401584241 | DN391B LED11/830 PSD D150 WH CAU    | 85 °                       |
| 911401584341 | DN391B LED11/840 PSD D150 WH CAU    | 85 °                       |
| 911401583241 | DN392B LED16/830 PSU D200 WH CAU    | 92 °                       |
| 911401583341 | DN392B LED16/840 PSU D200 WH CAU    | 92 °                       |
| 911401583441 | DN393B LED22/830 PSU D200 WH CAU    | 92 °                       |
| 911401583541 | DN393B LED22/840 PSU D200 WH CAU    | 92 °                       |

| Order Code   | Full Product Name                   | Beam angle of light source |
|--------------|-------------------------------------|----------------------------|
| 911401584041 | DN393B LED22/830 PSU D200 WH WP CAU | 92 °                       |
| 911401584141 | DN393B LED22/840 PSU D200 WH WP CAU | 92 °                       |
| 911401584641 | DN392B LED16/830 PSD D200 WH CAU    | 92 °                       |
| 911401584741 | DN392B LED16/840 PSD D200 WH CAU    | 92 °                       |
| 911401585041 | DN393B LED22/830 PSD D200 WH CAU    | 92 °                       |
| 911401585141 | DN393B LED22/840 PSD D200 WH CAU    | 92 °                       |
| 911401584441 | DN391B LED11/830 PSD D150 ALU CAU   | 60 °                       |
| 911401584541 | DN391B LED11/840 PSD D150 ALU CAU   | 60 °                       |
| 911401584841 | DN392B LED16/830 PSD D200 ALU CAU   | 60 °                       |
| 911401584941 | DN392B LED16/840 PSD D200 ALU CAU   | 60 °                       |
| 911401585241 | DN393B LED22/830 PSD D200 ALU CAU   | 60 °                       |

## Initial Performance (IEC Compliant) (1/2)

| Order Code   | Full Product Name                   | Initial Chromaticity | Init. Corr. Colour Temperature | Initial LED luminaire efficacy | Initial luminous flux |
|--------------|-------------------------------------|----------------------|--------------------------------|--------------------------------|-----------------------|
| 911401582841 | DN390B LED6/830 PSU D100 WH CAU     | (0.44,0.403)         | 3000 K                         | 104 lm/W                       | 570 lm                |
| 911401582941 | DN390B LED6/840 PSU D100 WH CAU     | (0.38,0.38)          | 4000 K                         | 109 lm/W                       | 600 lm                |
| 911401583041 | DN391B LED11/830 PSU D150 WH CAU    | (0.44,0.403)         | 3000 K                         | 111 lm/W                       | 1050 lm               |
| 911401583141 | DN391B LED11/840 PSU D150 WH CAU    | (0.38,0.38)          | 4000 K                         | 116 lm/W                       | 1100 lm               |
| 911401583841 | DN391B LED11/830 PSU D150 WH WP CAU | (0.44,0.403)         | 3000 K                         | 111 lm/W                       | 1050 lm               |
| 911401583941 | DN391B LED11/840 PSU D150 WH WP CAU | (0.38,0.38)          | 4000 K                         | 116 lm/W                       | 1100 lm               |

| Order Code   | Full Product Name                | Initial Chromaticity | Init. Corr. Colour Temperature | Initial LED luminaire efficacy | Initial luminous flux |
|--------------|----------------------------------|----------------------|--------------------------------|--------------------------------|-----------------------|
| 911401584241 | DN391B LED11/830 PSD D150 WH CAU | (0.44,0.403)         | 3000 K                         | 91 lm/W                        | 1050 lm               |
| 911401584341 | DN391B LED11/840 PSD D150 WH CAU | (0.38,0.38)          | 4000 K                         | 96 lm/W                        | 1100 lm               |
| 911401583241 | DN392B LED16/830 PSU D200 WH CAU | (0.44,0.403)         | 3000 K                         | 103 lm/W                       | 1500 lm               |
| 911401583341 | DN392B LED16/840 PSU D200 WH CAU | (0.38,0.38)          | 4000 K                         | 110 lm/W                       | 1600 lm               |
| 911401583441 | DN393B LED22/830 PSU D200 WH CAU | (0.44,0.403)         | 3000 K                         | 111 lm/W                       | 2100 lm               |
| 911401583541 | DN393B LED22/840 PSU D200 WH CAU | (0.38,0.38)          | 4000 K                         | 116 lm/W                       | 2200 lm               |

| Order Code   | Full Product Name                   | Initial chromaticity | Init. Corr. Colour Temperature | Initial LED luminaire efficacy | Initial luminous flux |
|--------------|-------------------------------------|----------------------|--------------------------------|--------------------------------|-----------------------|
| 911401584041 | DN393B LED22/830 PSU D200 WH WP CAU | (0.44,0.403)         | 3000 K                         | 111 lm/W                       | 2100 lm               |
| 911401584141 | DN393B LED22/840 PSU D200 WH WP CAU | (0.38,0.38)          | 4000 K                         | 116 lm/W                       | 2200 lm               |
| 911401584641 | DN392B LED16/830 PSD D200 WH CAU    | (0.44,0.403)         | 3000 K                         | 97 lm/W                        | 1500 lm               |
| 911401584741 | DN392B LED16/840 PSD D200 WH CAU    | (0.38,0.38)          | 4000 K                         | 110 lm/W                       | 1600 lm               |
| 911401585041 | DN393B LED22/830 PSD D200 WH CAU    | (0.44,0.403)         | 3000 K                         | 102 lm/W                       | 2100 lm               |
| 911401585141 | DN393B LED22/840 PSD D200 WH CAU    | (0.38,0.38)          | 4000 K                         | 107 lm/W                       | 2200 lm               |

| Order Code   | Full Product Name                 | Initial chromaticity | Init. Corr. Colour Temperature | Initial LED luminaire efficacy | Initial luminous flux |
|--------------|-----------------------------------|----------------------|--------------------------------|--------------------------------|-----------------------|
| 911401584441 | DN391B LED11/830 PSD D150 ALU CAU | (0.44,0.403)         | 3000 K                         | 91 lm/W                        | 1050 lm               |
| 911401584541 | DN391B LED11/840 PSD D150 ALU CAU | (0.38,0.38)          | 4000 K                         | 96 lm/W                        | 1100 lm               |
| 911401584841 | DN392B LED16/830 PSD D200 ALU CAU | (0.44,0.403)         | 3000 K                         | 97 lm/W                        | 1500 lm               |
| 911401584941 | DN392B LED16/840 PSD D200 ALU CAU | (0.38,0.38)          | 4000 K                         | 110 lm/W                       | 1600 lm               |
| 911401585241 | DN393B LED22/830 PSD D200 ALU CAU | (0.44,0.403)         | 3000 K                         | 102 lm/W                       | 2100 lm               |

Initial Performance (IEC Compliant) (2/2)

| Order Code   | Full Product Name                   | Initial input power |
|--------------|-------------------------------------|---------------------|
| 911401582841 | DN390B LED6/830 PSU D100 WH CAU     | 5.5 W               |
| 911401582941 | DN390B LED6/840 PSU D100 WH CAU     | 5.5 W               |
| 911401583041 | DN391B LED11/830 PSU D150 WH CAU    | 9.5 W               |
| 911401583141 | DN391B LED11/840 PSU D150 WH CAU    | 9.5 W               |
| 911401583841 | DN391B LED11/830 PSU D150 WH WP CAU | 9.5 W               |
| 911401583941 | DN391B LED11/840 PSU D150 WH WP CAU | 9.5 W               |
| 911401584241 | DN391B LED11/830 PSD D150 WH CAU    | 11.5 W              |
| 911401584341 | DN391B LED11/840 PSD D150 WH CAU    | 11.5 W              |
| 911401583241 | DN392B LED16/830 PSU D200 WH CAU    | 14.5 W              |
| 911401583341 | DN392B LED16/840 PSU D200 WH CAU    | 14.5 W              |
| 911401583441 | DN393B LED22/830 PSU D200 WH CAU    | 19 W                |
| 911401583541 | DN393B LED22/840 PSU D200 WH CAU    | 19 W                |

| Order Code   | Full Product Name                   | Initial input power |
|--------------|-------------------------------------|---------------------|
| 911401584041 | DN393B LED22/830 PSU D200 WH WP CAU | 19 W                |
| 911401584141 | DN393B LED22/840 PSU D200 WH WP CAU | 19 W                |
| 911401584641 | DN392B LED16/830 PSD D200 WH CAU    | 15.5 W              |
| 911401584741 | DN392B LED16/840 PSD D200 WH CAU    | 15.5 W              |
| 911401585041 | DN393B LED22/830 PSD D200 WH CAU    | 20.5 W              |
| 911401585141 | DN393B LED22/840 PSD D200 WH CAU    | 20.5 W              |
| 911401584441 | DN391B LED11/830 PSD D150 ALU CAU   | 11.5 W              |
| 911401584541 | DN391B LED11/840 PSD D150 ALU CAU   | 11.5 W              |
| 911401584841 | DN392B LED16/830 PSD D200 ALU CAU   | 15.5 W              |
| 911401584941 | DN392B LED16/840 PSD D200 ALU CAU   | 15.5 W              |
| 911401585241 | DN393B LED22/830 PSD D200 ALU CAU   | 20.5 W              |

