



# LuxSpace recessed – high efficiency, visual comfort and a stylish design

## LuxSpace Mini, recessed

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (color rendering and color uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

### Benefits

- Best-in-class efficacy
- Creates a gentle, natural light, ensuring visual comfort
- Perfect integration with the ceiling thanks to the thin, narrow rim; rimless version ideal for integration into plaster ceilings

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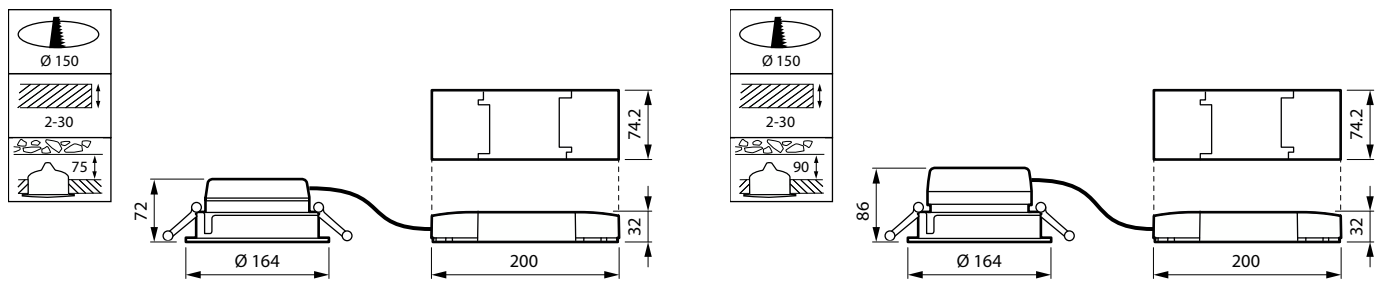
### Features

- Choice of four optics: high-gloss, faceted, matt and white
- Heights: deep (up to UGR 19), low (up to UGR 22)
- Rim colors: high-gloss metalized, white (RAL9010), grey, black (RAL9004) as standard (any other RAL color possible upon request)
- Rimless version available
- Surface-mounted version available
- Compliant for central emergency lighting with DC
- Multiple additional options: PG and PGO (IP54 front face), emergency lighting (single battery 3 hours), suspended deco glasses, through-wiring

### Application

- Offices
- Retail
- Hospitals
- Hotels
- Airports

### Dimensional drawing



LuxSpace Mini, recessed

| General Information                 |                                   |
|-------------------------------------|-----------------------------------|
| Driver included                     | Yes                               |
| Number of gear units                | 1 unit                            |
| Service tag                         | Yes                               |
| Light Technical                     |                                   |
| Color rendering index (CRI)         | >80                               |
| Operating and Electrical            |                                   |
| Protection class IEC                | Safety class II                   |
| Input Voltage                       | 220 to 240 V                      |
| Line Frequency                      | 50 to 60 Hz                       |
| Mechanical and Housing              |                                   |
| Optical cover type                  | -                                 |
| Housing Color                       | White                             |
| Mech. impact protection code        | IK02                              |
| Approval and Application            |                                   |
| CE mark                             | Yes                               |
| ENEC mark                           | ENEC mark                         |
| Glow-wire test                      | Temperature 650 °C, duration 30 s |
| Initial Performance (IEC Compliant) |                                   |
| Luminous flux tolerance             | +/-10%                            |

General Information

| Order Code | Full Product Name                | Lamp family code | Light source replaceable |
|------------|----------------------------------|------------------|--------------------------|
| 97039000   | DN561B LED8S/840 PSU-E C WH      | -                | No                       |
| 97048200   | DN561B LED12S/830 PSU-E C WH     | -                | No                       |
| 97049900   | DN561B LED12S/840 PSU-E C WH     | -                | No                       |
| 97055000   | DN561B LED12S/840 DIA-VLC-E C WH | -                | No                       |
| 97040600   | DN560B LED8S/830 DIA-VLC-E C WH  | -                | No                       |
| 97044400   | DN560B LED12S/830 PSU-E C WH     | -                | No                       |
| 97045100   | DN560B LED12S/840 PSU-E C WH     | -                | No                       |
| 97047500   | DN560B LED12S/840 PSU-E C PG WH  | -                | No                       |
| 97053600   | DN560B LED12S/840 DIA-VLC-E C WH | -                | No                       |
| 97056700   | DN560B LED20S/830 PSU-E C WH     | -                | No                       |
| 58579900   | DN560B LED12S/840UE PSU-E C WH   | 12S              | Yes                      |

Light Technical (1/2)

|            |                                  | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux | Optic type |
|------------|----------------------------------|------------------------------------|---------------------------------|---------------|------------|
| Order Code | Full Product Name                |                                    |                                 |               |            |
| 97039000   | DN561B LED8S/840 PSU-E C WH      | 4000 K                             | 140 lm/W                        | 840 lm        | -          |
| 97048200   | DN561B LED12S/830 PSU-E C WH     | 3000 K                             | 127 lm/W                        | 1,350 lm      | -          |
| 97049900   | DN561B LED12S/840 PSU-E C WH     | 4000 K                             | 138 lm/W                        | 1,350 lm      | -          |
| 97055000   | DN561B LED12S/840 DIA-VLC-E C WH | 4000 K                             | 138 lm/W                        | 1,350 lm      | -          |
| 97040600   | DN560B LED8S/830 DIA-VLC-E C WH  | 3000 K                             | 131 lm/W                        | 840 lm        | -          |
| 97044400   | DN560B LED12S/830 PSU-E C WH     | 3000 K                             | 127 lm/W                        | 1,350 lm      | -          |

|            |                                  | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux | Optic type        |
|------------|----------------------------------|------------------------------------|---------------------------------|---------------|-------------------|
| Order Code | Full Product Name                |                                    |                                 |               |                   |
| 97045100   | DN560B LED12S/840 PSU-E C WH     | 4000 K                             | 138 lm/W                        | 1,350 lm      | -                 |
| 97047500   | DN560B LED12S/840 PSU-E C PG WH  | 4000 K                             | 138 lm/W                        | 1,350 lm      | -                 |
| 97053600   | DN560B LED12S/840 DIA-VLC-E C WH | 4000 K                             | 138 lm/W                        | 1,350 lm      | -                 |
| 97056700   | DN560B LED20S/830 PSU-E C WH     | 3000 K                             | 121 lm/W                        | 2,200 lm      | -                 |
| 58579900   | DN560B LED12S/840UE PSU-E C WH   | 4000 K                             | 150 lm/W                        | 1,200 lm      | High-gloss mirror |

Light Technical (2/2)

LuxSpace Mini, recessed

| Order Code | Full Product Name                | Upward light output ratio |
|------------|----------------------------------|---------------------------|
| 97039000   | DN561B LED8S/840 PSU-E C WH      | -                         |
| 97048200   | DN561B LED12S/830 PSU-E C WH     | -                         |
| 97049900   | DN561B LED12S/840 PSU-E C WH     | -                         |
| 97055000   | DN561B LED12S/840 DIA-VLC-E C WH | -                         |
| 97040600   | DN560B LED8S/830 DIA-VLC-E C WH  | -                         |
| 97044400   | DN560B LED12S/830 PSU-E C WH     | -                         |

| Order Code | Full Product Name                | Upward light output ratio |
|------------|----------------------------------|---------------------------|
| 97045100   | DN560B LED12S/840 PSU-E C WH     | -                         |
| 97047500   | DN560B LED12S/840 PSU-E C PG WH  | -                         |
| 97053600   | DN560B LED12S/840 DIA-VLC-E C WH | -                         |
| 97056700   | DN560B LED20S/830 PSU-E C WH     | -                         |
| 58579900   | DN560B LED12S/840UE PSU-E C WH   | 0                         |

Operating and Electrical

| Order Code | Full Product Name                | Power Consumption | Suitable for random switching |
|------------|----------------------------------|-------------------|-------------------------------|
| 97039000   | DN561B LED8S/840 PSU-E C WH      | 6 W               | Yes                           |
| 97048200   | DN561B LED12S/830 PSU-E C WH     | 10.6 W            | Yes                           |
| 97049900   | DN561B LED12S/840 PSU-E C WH     | 9.8 W             | Yes                           |
| 97055000   | DN561B LED12S/840 DIA-VLC-E C WH | 9.8 W             | Yes                           |
| 97040600   | DN560B LED8S/830 DIA-VLC-E C WH  | 6.4 W             | Yes                           |
| 97044400   | DN560B LED12S/830 PSU-E C WH     | 10.6 W            | Yes                           |

| Order Code | Full Product Name                | Power Consumption | Suitable for random switching |
|------------|----------------------------------|-------------------|-------------------------------|
| 97045100   | DN560B LED12S/840 PSU-E C WH     | 9.8 W             | Yes                           |
| 97047500   | DN560B LED12S/840 PSU-E C PG WH  | 9.8 W             | Yes                           |
| 97053600   | DN560B LED12S/840 DIA-VLC-E C WH | 9.8 W             | Yes                           |
| 97056700   | DN560B LED20S/830 PSU-E C WH     | 18.2 W            | Yes                           |
| 58579900   | DN560B LED12S/840UE PSU-E C WH   | 8.2 W             | No                            |

Controls and Dimming

| Order Code | Full Product Name                | Dimmable | Maximum dim level |
|------------|----------------------------------|----------|-------------------|
| 97039000   | DN561B LED8S/840 PSU-E C WH      | No       | -                 |
| 97048200   | DN561B LED12S/830 PSU-E C WH     | No       | -                 |
| 97049900   | DN561B LED12S/840 PSU-E C WH     | No       | -                 |
| 97055000   | DN561B LED12S/840 DIA-VLC-E C WH | Yes      | 1%                |
| 97040600   | DN560B LED8S/830 DIA-VLC-E C WH  | Yes      | 1%                |
| 97044400   | DN560B LED12S/830 PSU-E C WH     | No       | -                 |

| Order Code | Full Product Name                | Dimmable | Maximum dim level |
|------------|----------------------------------|----------|-------------------|
| 97045100   | DN560B LED12S/840 PSU-E C WH     | No       | -                 |
| 97047500   | DN560B LED12S/840 PSU-E C PG WH  | No       | -                 |
| 97053600   | DN560B LED12S/840 DIA-VLC-E C WH | Yes      | 1%                |
| 97056700   | DN560B LED20S/830 PSU-E C WH     | No       | -                 |
| 58579900   | DN560B LED12S/840UE PSU-E C WH   | No       | Not applicable    |

Mechanical and Housing

| Order Code | Full Product Name                | Ingress protection code |
|------------|----------------------------------|-------------------------|
| 97039000   | DN561B LED8S/840 PSU-E C WH      | IP20                    |
| 97048200   | DN561B LED12S/830 PSU-E C WH     | IP20                    |
| 97049900   | DN561B LED12S/840 PSU-E C WH     | IP20                    |
| 97055000   | DN561B LED12S/840 DIA-VLC-E C WH | IP20                    |
| 97040600   | DN560B LED8S/830 DIA-VLC-E C WH  | IP20                    |
| 97044400   | DN560B LED12S/830 PSU-E C WH     | IP20                    |

| Order Code | Full Product Name                | Ingress protection code |
|------------|----------------------------------|-------------------------|
| 97045100   | DN560B LED12S/840 PSU-E C WH     | IP20                    |
| 97047500   | DN560B LED12S/840 PSU-E C PG WH  | IP20/54                 |
| 97053600   | DN560B LED12S/840 DIA-VLC-E C WH | IP20                    |
| 97056700   | DN560B LED20S/830 PSU-E C WH     | IP20                    |
| 58579900   | DN560B LED12S/840UE PSU-E C WH   | IP20                    |

Approval and Application

| Order Code | Full Product Name            | Ambient temperature range | Flammability mark                           |
|------------|------------------------------|---------------------------|---------------------------------------------|
| 97039000   | DN561B LED8S/840 PSU-E C WH  | +10 to +25 °C             | For mounting on normally flammable surfaces |
| 97048200   | DN561B LED12S/830 PSU-E C WH | +10 to +25 °C             | For mounting on normally flammable surfaces |

| Order Code | Full Product Name                | Ambient temperature range | Flammability mark                           |
|------------|----------------------------------|---------------------------|---------------------------------------------|
| 97049900   | DN561B LED12S/840 PSU-E C WH     | +10 to +25 °C             | For mounting on normally flammable surfaces |
| 97055000   | DN561B LED12S/840 DIA-VLC-E C WH | +10 to +25 °C             | For mounting on normally flammable surfaces |

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| Order Code | Full Product Name               | Ambient temperature range | Flammability mark                           |
|------------|---------------------------------|---------------------------|---------------------------------------------|
| 97040600   | DN560B LED8S/830 DIA-VLC-E C WH | +10 to +25 °C             | For mounting on normally flammable surfaces |
| 97044400   | DN560B LED12S/830 PSU-E C WH    | +10 to +25 °C             | For mounting on normally flammable surfaces |
| 97045100   | DN560B LED12S/840 PSU-E C WH    | +10 to +25 °C             | For mounting on normally flammable surfaces |
| 97047500   | DN560B LED12S/840 PSU-E C PG WH | +10 to +25 °C             | For mounting on normally flammable surfaces |

| Order Code | Full Product Name                | Ambient temperature range | Flammability mark                           |
|------------|----------------------------------|---------------------------|---------------------------------------------|
| 97053600   | DN560B LED12S/840 DIA-VLC-E C WH | +10 to +25 °C             | For mounting on normally flammable surfaces |
| 97056700   | DN560B LED20S/830 PSU-E C WH     | +10 to +25 °C             | For mounting on normally flammable surfaces |
| 58579900   | DN560B LED12S/840UE PSU-E C WH   | +10 to +35 °C             | -                                           |

### Initial Performance (IEC Compliant)

| Order Code | Full Product Name                | Initial chromaticity |
|------------|----------------------------------|----------------------|
| 97039000   | DN561B LED8S/840 PSU-E C WH      | (0.38, 0.38) SDCM <2 |
| 97048200   | DN561B LED12S/830 PSU-E C WH     | (0.43, 0.40) SDCM <2 |
| 97049900   | DN561B LED12S/840 PSU-E C WH     | (0.38, 0.38) SDCM <2 |
| 97055000   | DN561B LED12S/840 DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 |
| 97040600   | DN560B LED8S/830 DIA-VLC-E C WH  | (0.43, 0.40) SDCM <2 |
| 97044400   | DN560B LED12S/830 PSU-E C WH     | (0.43, 0.40) SDCM <2 |

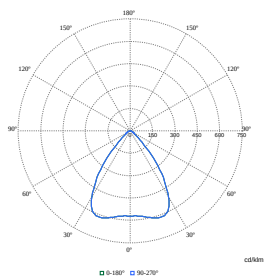
| Order Code | Full Product Name                | Initial chromaticity |
|------------|----------------------------------|----------------------|
| 97045100   | DN560B LED12S/840 PSU-E C WH     | (0.38, 0.38) SDCM <2 |
| 97047500   | DN560B LED12S/840 PSU-E C PG WH  | (0.38, 0.38) SDCM <2 |
| 97053600   | DN560B LED12S/840 DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 |
| 97056700   | DN560B LED20S/830 PSU-E C WH     | (0.43, 0.40) SDCM <2 |
| 58579900   | DN560B LED12S/840UE PSU-E C WH   | -                    |

### Product Data

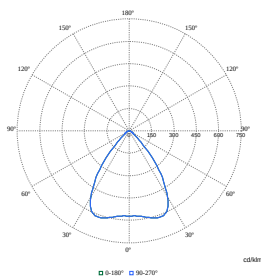
| Order Code | Full Product Name                | Product family code |
|------------|----------------------------------|---------------------|
| 97039000   | DN561B LED8S/840 PSU-E C WH      | DN561B              |
| 97048200   | DN561B LED12S/830 PSU-E C WH     | DN561B              |
| 97049900   | DN561B LED12S/840 PSU-E C WH     | DN561B              |
| 97055000   | DN561B LED12S/840 DIA-VLC-E C WH | DN561B              |
| 97040600   | DN560B LED8S/830 DIA-VLC-E C WH  | DN560B              |
| 97044400   | DN560B LED12S/830 PSU-E C WH     | DN560B              |

| Order Code | Full Product Name                | Product family code |
|------------|----------------------------------|---------------------|
| 97045100   | DN560B LED12S/840 PSU-E C WH     | DN560B              |
| 97047500   | DN560B LED12S/840 PSU-E C PG WH  | DN560B              |
| 97053600   | DN560B LED12S/840 DIA-VLC-E C WH | DN560B              |
| 97056700   | DN560B LED20S/830 PSU-E C WH     | DN560B              |
| 58579900   | DN560B LED12S/840UE PSU-E C WH   | DN560B              |

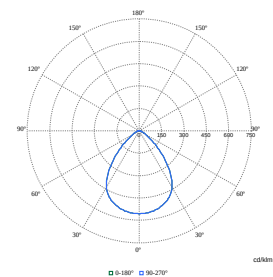
### Polar Wide Diagrams



Polar Normal (separate) - DN560BI - 910505100920

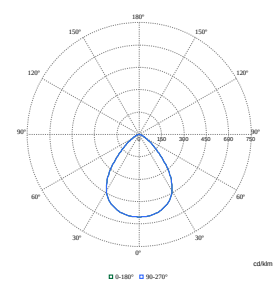
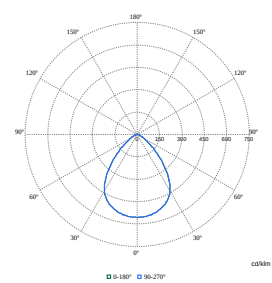
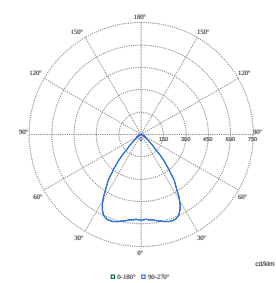


Polar Normal (separate) - DN560BI - 910505100910



Polar Normal (separate) - DN560BI - 910505100911

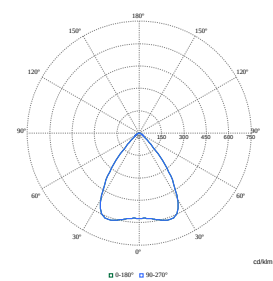
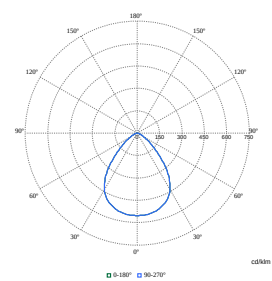
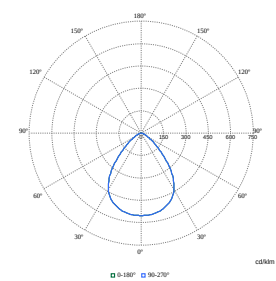
Polar Wide Diagrams



Polar Normal (separate) - DN560BI -  
910505100926

Polar Normal (separate) - DN560BI -  
910505100927

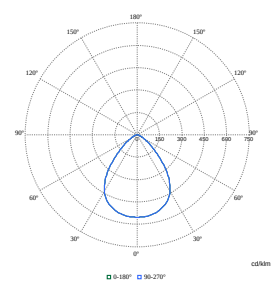
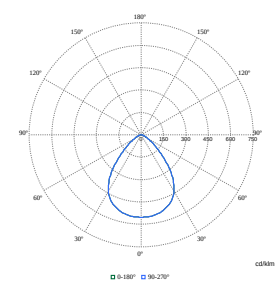
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910505100918



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910505100916

Polar Normal (separate) - DN560BI -  
910505100924

Polar Normal (separate) - DN560BI -  
910505100919



Polar Normal (separate) - DN560BI -  
910505100915

Polar Normal (separate) - DN560BI -  
910505102650

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