

## LuxSpace Mini, recessed

DN560B



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

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also user costs where they see much bigger impact on return. Therefore, LuxSpace is designed to provide the perfect combination of efficiency, visual comfort and design, without compromising on lighting performance (color rendering and light distribution). It offers a wide choice of options for creating the desired ambience to support user comfort, no matter the application is.

### Benefits

- Best-in-class efficacy with up to 150lm/W
- Creates a gentle, natural light, ensuring visual comfort
- Perfect ceiling integration with narrow rim or rimless version for plaster ceilings
- Improved glare control with office compliancy
- Provides uniform lighting thanks to wide light distribution

### Applications

- Offices
- Retail
- Hospitals and Care Centers
- Hospitality

Features

- Mini version for recessed with 150mm cut-out diameter (DN560B/DN561B)
- Choice of four optics: high-gloss, faceted, matt and white
- UGR19 and UGR22 versions with different product heights
- Selection of colors: High-gloss metalized, white (RAL9003), grey (RAL9006), black (RAL9004) as standard (any other RAL color possible upon request)

- Compliant for central emergency lighting with DC (upon request)
- Multiple additional options: Emergency lighting (single battery 3 hours), through-wiring, Eca and B2ca cable & connector options
- Extended useful lifetime 50,000 hours at L90

Versions

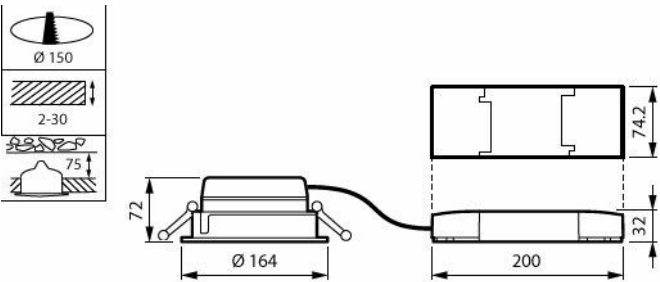


IPPR\_DN560Bi\_0001-Product photo

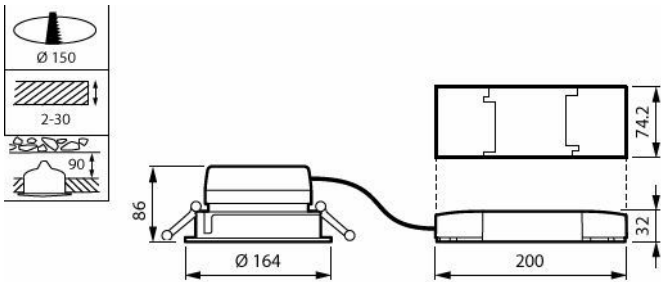


IPPR\_DN560Bi\_0009-Product photo

Dimensional drawing



LuxSpace2 Mini Low height recessed



LuxSpace2 Mini Deep recessed

General Information

|                          |        |
|--------------------------|--------|
| Light source replaceable | No     |
| Number of gear units     | 1 unit |
| Driver included          | Yes    |
| Service tag              | Yes    |

Light Technical

|                             |     |
|-----------------------------|-----|
| Color rendering index (CRI) | >80 |
| Optic type                  | -   |

## Operating and Electrical

|                               |                 |
|-------------------------------|-----------------|
| Input Voltage                 | 220 to 240 V    |
| Line Frequency                | 50 to 60 Hz     |
| Suitable for random switching | Yes             |
| Protection class IEC          | Safety class II |

## Controls and Dimming

|                   |                             |
|-------------------|-----------------------------|
| Maximum dim level | 1%                          |
| Embedded control  | Visible light communication |

## Mechanical and Housing

|                              |                       |
|------------------------------|-----------------------|
| Housing Color                | White                 |
| Mech. impact protection code | IK02 [0.2 J standard] |

## Approval and Application

|                           |                                             |
|---------------------------|---------------------------------------------|
| Glow-wire test            | Temperature 650 °C, duration 30 s           |
| Flammability mark         | For mounting on normally flammable surfaces |
| CE mark                   | Yes                                         |
| ENEC mark                 | ENEC mark                                   |
| Ambient temperature range | +10 to +25 °C                               |

## Initial Performance (IEC Compliant)

|                         |        |
|-------------------------|--------|
| Luminous flux tolerance | +/-10% |
|-------------------------|--------|

## Light Technical

| Order Code   | Full Product Name                  | Luminous Flux | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) |
|--------------|------------------------------------|---------------|------------------------------------|---------------------------------|
| 910505100919 | DN561B LED12S/830UE PSU-E C WH     | 1,200 lm      | 3000 K                             | 150 lm/W                        |
| 910505100920 | DN561B LED12S/840UE PSU-E C WH     | 1,250 lm      | 4000 K                             | 158 lm/W                        |
| 910505100926 | DN561B LED12S/840UE DIA-VLC-E C WH | 1,250 lm      | 4000 K                             | 144 lm/W                        |
| 910505100915 | DN560B LED12S/830UE PSU-E C WH     | 1,200 lm      | 3000 K                             | 150 lm/W                        |
| 910505100916 | DN560B LED12S/840UE PSU-E C WH     | 1,250 lm      | 4000 K                             | 158 lm/W                        |
| 910505100917 | DN560B LED12S/830UE PSU-E C PG WH  | 1,150 lm      | 3000 K                             | 144 lm/W                        |
| 910505100918 | DN560B LED12S/840UE PSU-E C PG WH  | 1,200 lm      | 4000 K                             | 152 lm/W                        |
| 910505100924 | DN560B LED12S/840UE DIA-VLC-E C WH | 1,250 lm      | 4000 K                             | 144 lm/W                        |
| 910505100927 | DN560B LED20S/830UE PSU-E C WH     | 2,100 lm      | 3000 K                             | 163 lm/W                        |

## Operating and Electrical

| Order Code   | Full Product Name                  | Power Consumption |
|--------------|------------------------------------|-------------------|
| 910505100919 | DN561B LED12S/830UE PSU-E C WH     | 8.1 W             |
| 910505100920 | DN561B LED12S/840UE PSU-E C WH     | 8.1 W             |
| 910505100926 | DN561B LED12S/840UE DIA-VLC-E C WH | 8.9 W             |
| 910505100915 | DN560B LED12S/830UE PSU-E C WH     | 8.1 W             |
| 910505100916 | DN560B LED12S/840UE PSU-E C WH     | 8.1 W             |
| 910505100917 | DN560B LED12S/830UE PSU-E C PG WH  | 8.1 W             |
| 910505100918 | DN560B LED12S/840UE PSU-E C PG WH  | 8.1 W             |
| 910505100924 | DN560B LED12S/840UE DIA-VLC-E C WH | 8.9 W             |
| 910505100927 | DN560B LED20S/830UE PSU-E C WH     | 13 W              |

## Controls and Dimming

| Order Code   | Full Product Name                  | Dimmable |
|--------------|------------------------------------|----------|
| 910505100919 | DN561B LED12S/830UE PSU-E C WH     | No       |
| 910505100920 | DN561B LED12S/840UE PSU-E C WH     | No       |
| 910505100926 | DN561B LED12S/840UE DIA-VLC-E C WH | Yes      |
| 910505100915 | DN560B LED12S/830UE PSU-E C WH     | No       |
| 910505100916 | DN560B LED12S/840UE PSU-E C WH     | No       |
| 910505100917 | DN560B LED12S/830UE PSU-E C PG WH  | No       |
| 910505100918 | DN560B LED12S/840UE PSU-E C PG WH  | No       |
| 910505100924 | DN560B LED12S/840UE DIA-VLC-E C WH | Yes      |
| 910505100927 | DN560B LED20S/830UE PSU-E C WH     | No       |

## Mechanical and Housing

| Order Code   | Full Product Name                  | Ingress protection code |
|--------------|------------------------------------|-------------------------|
| 910505100919 | DN561B LED12S/830UE PSU-E C WH     | IP20                    |
| 910505100920 | DN561B LED12S/840UE PSU-E C WH     | IP20                    |
| 910505100926 | DN561B LED12S/840UE DIA-VLC-E C WH | IP20                    |
| 910505100915 | DN560B LED12S/830UE PSU-E C WH     | IP20                    |
| 910505100916 | DN560B LED12S/840UE PSU-E C WH     | IP20                    |
| 910505100917 | DN560B LED12S/830UE PSU-E C PG WH  | IP20/54                 |
| 910505100918 | DN560B LED12S/840UE PSU-E C PG WH  | IP20/54                 |
| 910505100924 | DN560B LED12S/840UE DIA-VLC-E C WH | IP20                    |
| 910505100927 | DN560B LED20S/830UE PSU-E C WH     | IP20                    |

## Initial Performance (IEC Compliant)

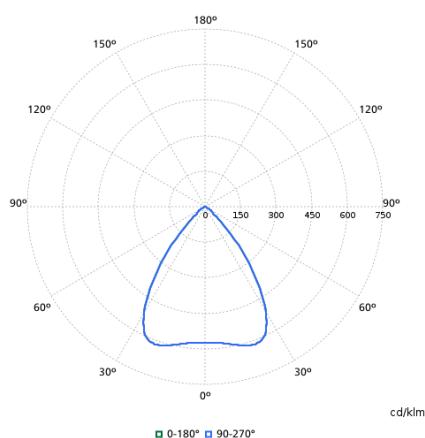
| Order Code   | Full Product Name              | Initial chromaticity |
|--------------|--------------------------------|----------------------|
| 910505100919 | DN561B LED12S/830UE PSU-E C WH | (0.43, 0.40) SDCM <2 |

| Order Code   | Full Product Name                  | Initial chromaticity |
|--------------|------------------------------------|----------------------|
| 910505100920 | DN561B LED12S/840UE PSU-E C WH     | (0.38, 0.38) SDCM <2 |
| 910505100926 | DN561B LED12S/840UE DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 |
| 910505100915 | DN560B LED12S/830UE PSU-E C WH     | (0.43, 0.40) SDCM <2 |
| 910505100916 | DN560B LED12S/840UE PSU-E C WH     | (0.38, 0.38) SDCM <2 |
| 910505100917 | DN560B LED12S/830UE PSU-E C PG WH  | (0.43, 0.40) SDCM <2 |
| 910505100918 | DN560B LED12S/840UE PSU-E C PG WH  | (0.38, 0.38) SDCM <2 |
| 910505100924 | DN560B LED12S/840UE DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 |
| 910505100927 | DN560B LED20S/830UE PSU-E C WH     | (0.43, 0.40) SDCM <2 |

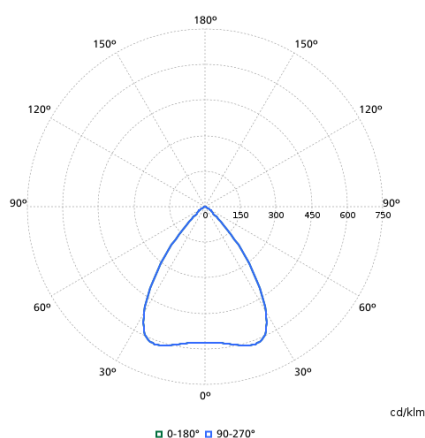
## Product Data

| Order Code   | Full Product Name                  | Product family code |
|--------------|------------------------------------|---------------------|
| 910505100919 | DN561B LED12S/830UE PSU-E C WH     | DN561B              |
| 910505100920 | DN561B LED12S/840UE PSU-E C WH     | DN561B              |
| 910505100926 | DN561B LED12S/840UE DIA-VLC-E C WH | DN561B              |
| 910505100915 | DN560B LED12S/830UE PSU-E C WH     | DN560B              |
| 910505100916 | DN560B LED12S/840UE PSU-E C WH     | DN560B              |
| 910505100917 | DN560B LED12S/830UE PSU-E C PG WH  | DN560B              |
| 910505100918 | DN560B LED12S/840UE PSU-E C PG WH  | DN560B              |
| 910505100924 | DN560B LED12S/840UE DIA-VLC-E C WH | DN560B              |
| 910505100927 | DN560B LED20S/830UE PSU-E C WH     | DN560B              |

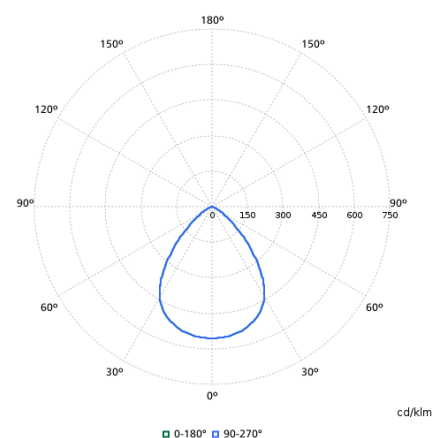
## Polar normal diagrams



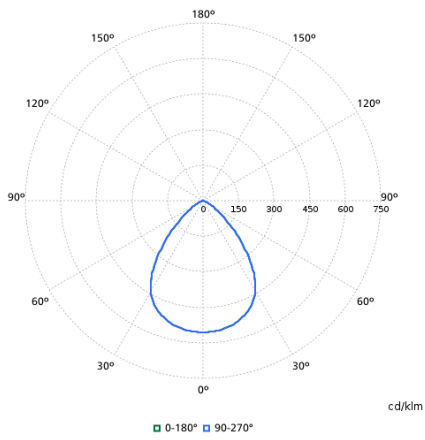
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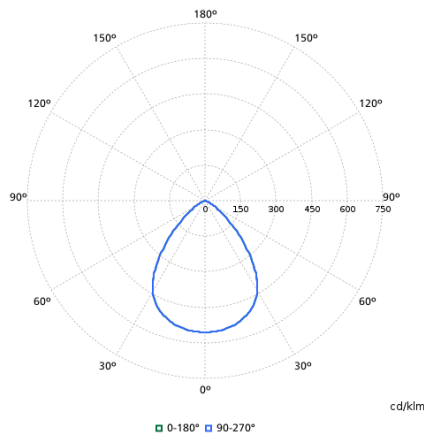
DN560BI - 910505100926



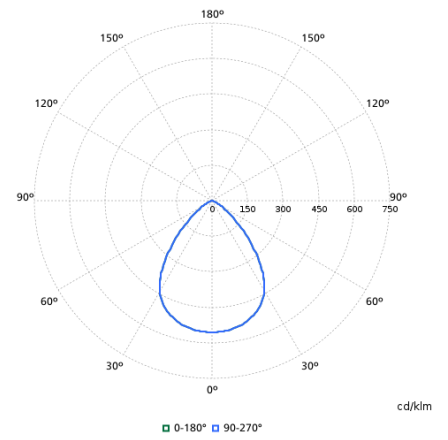
DN560BI - 910505100927



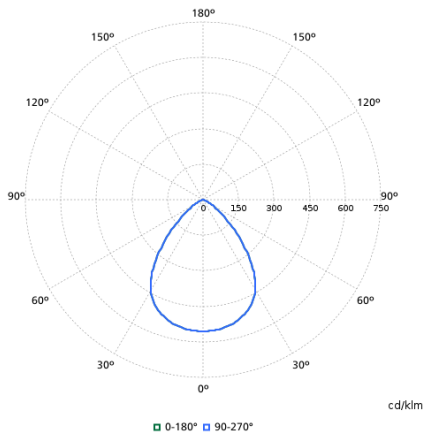
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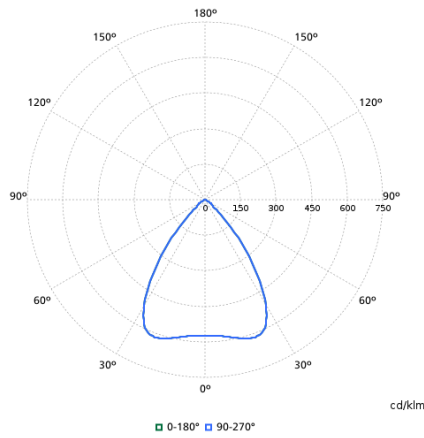
DN560BI - 910505100917



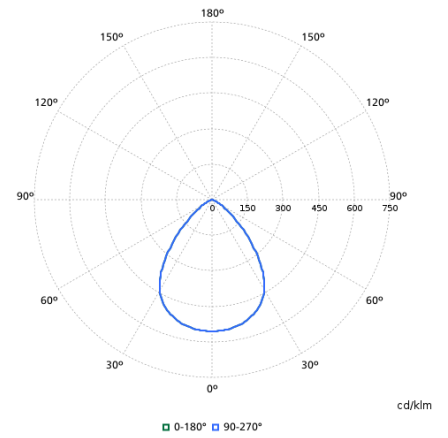
DN560BI - 910505100916



DN560BI - 910505100924



DN560BI - 910505100919



DN560BI - 910505100915