



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 (RAL9003), grey, black (RAL9004) as standard (any other RAL color possible upon request)
- Rimless version available
- Light color: 830, 840, 927, 930 and 940 (CRI90 versions upon request)
- Compliant for central emergency lighting with DC (upon request)
- Multiple additional options: PG and PGO (IP54 front face), emergency lighting (single battery 3 hours), through-wiring, Eca and B2ca cable & connector options

Application

- Offices
- Retail
- Hospitals
- Hotels
- Airports

Specifications

| | |
|---|--|
| Type | DN560B (low height recessed version) DN561B (deep recessed version) |
| Ceiling type | Plaster (board) ceiling |
| Light source | Non replaceable LED module |
| Power | 8 or 11.6 W (depending on configuration) |
| Luminous flux | 780 to 1200 lm (depending on configuration) |
| Correlated Color | 2700, 3000 or 4000 K |
| Temperature | |
| Color Rendering Index | > 80 > 90 (available in 2700, 3000 and 4000 K) |
| Lumen maintenance at median useful life* 50000 h | L90 |
| Control gear failure rate 5% at median useful life 50000 h | |
| Performance Ambient Temperature Tq | +25 °C |
| Operating temperature range | +10 to +40 °C |
| Driver | Separate |

| | |
|----------------------|--|
| Mains voltage | 230 or 240 V / 50-60 Hz |
| Dimming | DALI dimming possible (PSD-E) |
| Options | Emergency lighting 3 hours (EL3) Protection glass (PG or PGO, IP54 front face) Through-wiring Rimless version for plaster ceiling Suspended glasses: opal (SG-O), frosted circle (SG-FRC) and frosted halo ring (SG-HR-FR) Different cable and connector options available to support fast installation |
| Material | Housing and rim: aluminum Reflector: plastic, aluminum coated (for high-gloss and faceted optics) |
| Color | Rim: white (RAL 9003), grey RAL 9006, black (RAL 9004) |
| Optic | High-gloss mirror (C) Matt mirror (M) Faceted reflector (F) White reflector (WR) |
| Connection | Push-in connector or with pull relief |
| Installation | Fixation by means of spring fasteners |
| Remarks | External driver included |

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Versions



LuxSpace Mini recessed DN560B
downlight with high-gloss optic



LuxSpace Mini recessed DN561B
downlight with high-gloss optic

Accessories



Protection glass

Ordercode 910503706523



Protection glass, opal

Ordercode 910503706524

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Application Conditions

| | |
|-------------------------------|---------------|
| Ambient temperature range | +10 to +25 °C |
| Suitable for random switching | Yes |

Approval and Application

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

Operating and Electrical

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

General Information

| | |
|--------------------------|---|
| CE mark | CE mark |
| Protection class IEC | Safety class II |
| Driver included | Yes |
| ENEC mark | ENEC mark |
| Flammability mark | For mounting on normally flammable surfaces |
| Glow-wire test | Temperature 850 °C, duration 5 s |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Optic type | High-gloss mirror |
| Service tag | Yes |

Initial Performance (IEC Compliant)

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

Mechanical and Housing

| | |
|-------|----------------|
| Color | White RAL 9003 |
|-------|----------------|

Application Conditions

| Order Code | Full Product Name | Maximum dim level |
|--------------|-----------------------------------|-------------------|
| 910505100907 | DN560B LED8S/830 PSU-E C WH | - |
| 910505100908 | DN560B LED8S/840 PSU-E C WH | - |
| 910505100911 | DN560B LED8S/830 DIA-VLC-E C WH | 1% |
| 910505100912 | DN560B LED8S/840 DIA-VLC-E C WH | 1% |
| 910505100915 | DN560B LED12S/830 PSU-E C WH | - |
| 910505100916 | DN560B LED12S/840 PSU-E C WH | - |
| 910505100917 | DN560B LED12S/830 PSU-E C PG WH | - |
| 910505100918 | DN560B LED12S/840 PSU-E C PG WH | - |
| 910505100921 | DN560B LED12S/830 PSU-E C ELP3 WH | - |
| 910505100922 | DN560B LED12S/840 PSU-E C ELP3 WH | - |
| 910505100923 | DN560B LED12S/830 DIA-VLC-E C WH | 1% |
| 910505100924 | DN560B LED12S/840 DIA-VLC-E C WH | 1% |
| 910505100927 | DN560B LED20S/830 PSU-E C WH | - |
| 910505100928 | DN560B LED20S/840 PSU-E C WH | - |
| 910505100909 | DN561B LED8S/830 PSU-E C WH | - |
| 910505100910 | DN561B LED8S/840 PSU-E C WH | - |
| 910505100913 | DN561B LED8S/830 DIA-VLC-E C WH | 1% |
| 910505100914 | DN561B LED8S/840 DIA-VLC-E C WH | 1% |
| 910505100919 | DN561B LED12S/830 PSU-E C WH | - |
| 910505100920 | DN561B LED12S/840 PSU-E C WH | - |
| 910505100925 | DN561B LED12S/830 PSD-VLC-E C WH | 1% |
| 910505100926 | DN561B LED12S/840 DIA-VLC-E C WH | 1% |

Approval and Application

| Order Code | Full Product Name | Ingress protection code |
|--------------|-----------------------------------|-------------------------|
| 910505100907 | DN560B LED8S/830 PSU-E C WH | IP20 |
| 910505100908 | DN560B LED8S/840 PSU-E C WH | IP20 |
| 910505100911 | DN560B LED8S/830 DIA-VLC-E C WH | IP20 |
| 910505100912 | DN560B LED8S/840 DIA-VLC-E C WH | IP20 |
| 910505100915 | DN560B LED12S/830 PSU-E C WH | IP20 |
| 910505100916 | DN560B LED12S/840 PSU-E C WH | IP20 |
| 910505100917 | DN560B LED12S/830 PSU-E C PG WH | IP54/20 |
| 910505100918 | DN560B LED12S/840 PSU-E C PG WH | IP54/20 |
| 910505100921 | DN560B LED12S/830 PSU-E C ELP3 WH | IP20 |
| 910505100922 | DN560B LED12S/840 PSU-E C ELP3 WH | IP20 |
| 910505100923 | DN560B LED12S/830 DIA-VLC-E C WH | IP20 |

| Order Code | Full Product Name | Ingress protection code |
|--------------|----------------------------------|-------------------------|
| 910505100924 | DN560B LED12S/840 DIA-VLC-E C WH | IP20 |
| 910505100927 | DN560B LED20S/830 PSU-E C WH | IP20 |
| 910505100928 | DN560B LED20S/840 PSU-E C WH | IP20 |
| 910505100909 | DN561B LED8S/830 PSU-E C WH | IP20 |
| 910505100910 | DN561B LED8S/840 PSU-E C WH | IP20 |
| 910505100913 | DN561B LED8S/830 DIA-VLC-E C WH | IP20 |
| 910505100914 | DN561B LED8S/840 DIA-VLC-E C WH | IP20 |
| 910505100919 | DN561B LED12S/830 PSU-E C WH | IP20 |
| 910505100920 | DN561B LED12S/840 PSU-E C WH | IP20 |
| 910505100925 | DN561B LED12S/830 PSD-VLC-E C WH | IP20 |
| 910505100926 | DN561B LED12S/840 DIA-VLC-E C WH | IP20 |

Controls and Dimming

| Order Code | Full Product Name | Dimmable |
|--------------|-----------------------------|----------|
| 910505100907 | DN560B LED8S/830 PSU-E C WH | No |

| Order Code | Full Product Name | Dimmable |
|--------------|-----------------------------|----------|
| 910505100908 | DN560B LED8S/840 PSU-E C WH | No |

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| Order Code | Full Product Name | Dimmable |
|--------------|-----------------------------------|----------|
| 910505100911 | DN560B LED8S/830 DIA-VLC-E C WH | Yes |
| 910505100912 | DN560B LED8S/840 DIA-VLC-E C WH | Yes |
| 910505100915 | DN560B LED12S/830 PSU-E C WH | No |
| 910505100916 | DN560B LED12S/840 PSU-E C WH | Yes |
| 910505100917 | DN560B LED12S/830 PSU-E C PG WH | No |
| 910505100918 | DN560B LED12S/840 PSU-E C PG WH | No |
| 910505100921 | DN560B LED12S/830 PSU-E C ELP3 WH | No |
| 910505100922 | DN560B LED12S/840 PSU-E C ELP3 WH | No |
| 910505100923 | DN560B LED12S/830 DIA-VLC-E C WH | Yes |
| 910505100924 | DN560B LED12S/840 DIA-VLC-E C WH | Yes |

| Order Code | Full Product Name | Dimmable |
|--------------|----------------------------------|----------|
| 910505100927 | DN560B LED20S/830 PSU-E C WH | No |
| 910505100928 | DN560B LED20S/840 PSU-E C WH | No |
| 910505100909 | DN561B LED8S/830 PSU-E C WH | No |
| 910505100910 | DN561B LED8S/840 PSU-E C WH | No |
| 910505100913 | DN561B LED8S/830 DIA-VLC-E C WH | Yes |
| 910505100914 | DN561B LED8S/840 DIA-VLC-E C WH | Yes |
| 910505100919 | DN561B LED12S/830 PSU-E C WH | No |
| 910505100920 | DN561B LED12S/840 PSU-E C WH | No |
| 910505100925 | DN561B LED12S/830 PSD-VLC-E C WH | Yes |
| 910505100926 | DN561B LED12S/840 DIA-VLC-E C WH | Yes |

General Information

| Order Code | Full Product Name | Product Family Code |
|--------------|-----------------------------------|---------------------|
| 910505100907 | DN560B LED8S/830 PSU-E C WH | DN560B |
| 910505100908 | DN560B LED8S/840 PSU-E C WH | DN560B |
| 910505100911 | DN560B LED8S/830 DIA-VLC-E C WH | DN560B |
| 910505100912 | DN560B LED8S/840 DIA-VLC-E C WH | DN560B |
| 910505100915 | DN560B LED12S/830 PSU-E C WH | DN560B |
| 910505100916 | DN560B LED12S/840 PSU-E C WH | DN560B |
| 910505100917 | DN560B LED12S/830 PSU-E C PG WH | DN560B |
| 910505100918 | DN560B LED12S/840 PSU-E C PG WH | DN560B |
| 910505100921 | DN560B LED12S/830 PSU-E C ELP3 WH | DN560B |
| 910505100922 | DN560B LED12S/840 PSU-E C ELP3 WH | DN560B |
| 910505100923 | DN560B LED12S/830 DIA-VLC-E C WH | DN560B |

| Order Code | Full Product Name | Product Family Code |
|--------------|----------------------------------|---------------------|
| 910505100924 | DN560B LED12S/840 DIA-VLC-E C WH | DN560B |
| 910505100927 | DN560B LED20S/830 PSU-E C WH | DN560B |
| 910505100928 | DN560B LED20S/840 PSU-E C WH | DN560B |
| 910505100909 | DN561B LED8S/830 PSU-E C WH | DN561B |
| 910505100910 | DN561B LED8S/840 PSU-E C WH | DN561B |
| 910505100913 | DN561B LED8S/830 DIA-VLC-E C WH | DN561B |
| 910505100914 | DN561B LED8S/840 DIA-VLC-E C WH | DN561B |
| 910505100919 | DN561B LED12S/830 PSU-E C WH | DN561B |
| 910505100920 | DN561B LED12S/840 PSU-E C WH | DN561B |
| 910505100925 | DN561B LED12S/830 PSD-VLC-E C WH | DN561B |
| 910505100926 | DN561B LED12S/840 DIA-VLC-E C WH | DN561B |

Initial Performance (IEC Compliant) (1/2)

| Order Code | Full Product Name | Initial chromaticity | Init. Corr. Color Temperature | Initial LED luminaire efficacy | Initial luminous flux |
|--------------|---------------------------------|----------------------|-------------------------------|--------------------------------|-----------------------|
| 910505100907 | DN560B LED8S/830 PSU-E C WH | (0.43, 0.40) SDCM <2 | 3000 K | 140 lm/W | 800 lm |
| 910505100908 | DN560B LED8S/840 PSU-E C WH | (0.38, 0.38) SDCM <2 | 4000 K | 150 lm/W | 800 lm |
| 910505100911 | DN560B LED8S/830 DIA-VLC-E C WH | (0.43, 0.40) SDCM <2 | 3000 K | 140 lm/W | 800 lm |
| 910505100912 | DN560B LED8S/840 DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 | 4000 K | 150 lm/W | 800 lm |
| 910505100915 | DN560B LED12S/830 PSU-E C WH | (0.43, 0.40) SDCM <2 | 3000 K | 146 lm/W | 1200 lm |
| 910505100916 | DN560B LED12S/840 PSU-E C WH | (0.38, 0.38) SDCM <2 | 4000 K | 146 lm/W | 1200 lm |

| Order Code | Full Product Name | Initial chromaticity | Init. Corr. Color Temperature | Initial LED luminaire efficacy | Initial luminous flux |
|--------------|-----------------------------------|----------------------|-------------------------------|--------------------------------|-----------------------|
| 910505100917 | DN560B LED12S/830 PSU-E C PG WH | (0.43, 0.40) SDCM <2 | 3000 K | 146 lm/W | 1200 lm |
| 910505100918 | DN560B LED12S/840 PSU-E C PG WH | (0.38, 0.38) SDCM <2 | 4000 K | 146 lm/W | 1200 lm |
| 910505100921 | DN560B LED12S/830 PSU-E C ELP3 WH | (0.43, 0.40) SDCM <2 | 3000 K | 146 lm/W | 1200 lm |
| 910505100922 | DN560B LED12S/840 PSU-E C ELP3 WH | (0.38, 0.38) SDCM <2 | 4000 K | 146 lm/W | 1200 lm |
| 910505100923 | DN560B LED12S/830 DIA-VLC-E C WH | (0.43, 0.40) SDCM <2 | 3000 K | 146 lm/W | 1200 lm |

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| Order Code | Full Product Name | Initial chromaticity | Init. Corr. Color Temperature | Initial LED luminaire efficacy | Initial luminous flux |
|--------------|----------------------------------|----------------------|-------------------------------|--------------------------------|-----------------------|
| 910505100924 | DN560B LED12S/840 DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 | 4000 K | 146 lm/W | 1200 lm |
| 910505100927 | DN560B LED20S/830 PSU-E C WH | (0.43, 0.40) SDCM <2 | 3000 K | 131 lm/W | 2000 lm |
| 910505100928 | DN560B LED20S/840 PSU-E C WH | (0.38, 0.38) SDCM <2 | 4000 K | 141 lm/W | 2000 lm |
| 910505100909 | DN561B LED8S/830 PSU-E C WH | (0.43, 0.40) SDCM <2 | 3000 K | 140 lm/W | 800 lm |
| 910505100910 | DN561B LED8S/840 PSU-E C WH | (0.38, 0.38) SDCM <2 | 4000 K | 150 lm/W | 800 lm |
| 910505100913 | DN561B LED8S/830 SDCM <2 | (0.43, 0.40) SDCM <2 | 3000 K | 140 lm/W | 800 lm |

| Order Code | Full Product Name | Initial chromaticity | Init. Corr. Color Temperature | Initial LED luminaire efficacy | Initial luminous flux |
|--------------|----------------------------------|----------------------|-------------------------------|--------------------------------|-----------------------|
| 910505100914 | DN561B LED8S/840 DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 | 4000 K | 150 lm/W | 800 lm |
| 910505100919 | DN561B LED12S/830 PSU-E C WH | (0.43, 0.40) SDCM <2 | 3000 K | 146 lm/W | 1200 lm |
| 910505100920 | DN561B LED12S/840 PSU-E C WH | (0.38, 0.38) SDCM <2 | 4000 K | 146 lm/W | 1200 lm |
| 910505100925 | DN561B LED12S/830 PSD-VLC-E C WH | (0.43, 0.40) SDCM <2 | 3000 K | 146 lm/W | 1200 lm |
| 910505100926 | DN561B LED12S/840 DIA-VLC-E C WH | (0.38, 0.38) SDCM <2 | 4000 K | 146 lm/W | 1200 lm |

Initial Performance (IEC Compliant) (2/2)

| Order Code | Full Product Name | Initial input power |
|--------------|-----------------------------------|---------------------|
| 910505100907 | DN560B LED8S/830 PSU-E C WH | 6.5 W |
| 910505100908 | DN560B LED8S/840 PSU-E C WH | 6.5 W |
| 910505100911 | DN560B LED8S/830 DIA-VLC-E C WH | 6.5 W |
| 910505100912 | DN560B LED8S/840 DIA-VLC-E C WH | 6.5 W |
| 910505100915 | DN560B LED12S/830 PSU-E C WH | 8.3 W |
| 910505100916 | DN560B LED12S/840 PSU-E C WH | 8.3 W |
| 910505100917 | DN560B LED12S/830 PSU-E C PG WH | 8.3 W |
| 910505100918 | DN560B LED12S/840 PSU-E C PG WH | 8.3 W |
| 910505100921 | DN560B LED12S/830 PSU-E C ELP3 WH | 8.3 W |
| 910505100922 | DN560B LED12S/840 PSU-E C ELP3 WH | 8.3 W |
| 910505100923 | DN560B LED12S/830 DIA-VLC-E C WH | 8.3 W |

| Order Code | Full Product Name | Initial input power |
|--------------|----------------------------------|---------------------|
| 910505100924 | DN560B LED12S/840 DIA-VLC-E C WH | 8.3 W |
| 910505100927 | DN560B LED20S/830 PSU-E C WH | 14.8 W |
| 910505100928 | DN560B LED20S/840 PSU-E C WH | 14.8 W |
| 910505100909 | DN561B LED8S/830 PSU-E C WH | 6.5 W |
| 910505100910 | DN561B LED8S/840 PSU-E C WH | 6.5 W |
| 910505100913 | DN561B LED8S/830 DIA-VLC-E C WH | 6.5 W |
| 910505100914 | DN561B LED8S/840 DIA-VLC-E C WH | 6.5 W |
| 910505100919 | DN561B LED12S/830 PSU-E C WH | 8.3 W |
| 910505100920 | DN561B LED12S/840 PSU-E C WH | 8.3 W |
| 910505100925 | DN561B LED12S/830 PSD-VLC-E C WH | 8.3 W |
| 910505100926 | DN561B LED12S/840 DIA-VLC-E C WH | 8.3 W |

