



# Trusted performance.

## SmartBright LED Downlight DN016

Providing robust & reliable performance. Bright Light with uniform distribution.

### Benefits

- Reliable Performance
- Uniform light distribution
- Internal Driver

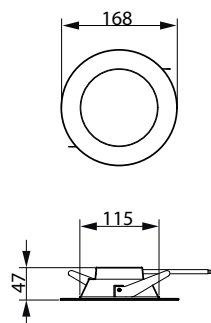
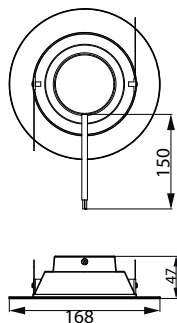
### Features

- Cut-out solution from D90~D125
- Providing both DIM & non-dim application
- 30K hr lifetime

### Application

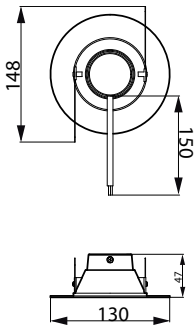
- Hospitality
- Offices
- Residential

### Dimensional drawing



SmartBright LED Downlight DN016

Dimensional drawing



| General Information                   |                                             |
|---------------------------------------|---------------------------------------------|
| Driver included                       | Yes                                         |
| Light source replaceable              | No                                          |
| Number of gear units                  | 1 unit                                      |
| Light Technical                       |                                             |
| Color rendering index (CRI)           | 80                                          |
| Optic type                            | Wide beam                                   |
| Operating and Electrical              |                                             |
| Protection class IEC                  | Safety class I                              |
| Suitable for random switching         | Not applicable                              |
| Mechanical and Housing                |                                             |
| Housing Color                         | White                                       |
| Mech. impact protection code          | IK03                                        |
| Ingress protection code               | IP20                                        |
| Approval and Application              |                                             |
| Ambient temperature range             | -20 to +40 °C                               |
| Flammability mark                     | For mounting on normally flammable surfaces |
| Glow-wire test                        | Temperature 650 °C, duration 30 s           |
| Initial Performance (IEC Compliant)   |                                             |
| Luminous flux tolerance               | +/-10%                                      |
| Over Time Performance (IEC Compliant) |                                             |
| Driver failure rate at 5000 h         | 0.012 %                                     |

Light Technical

|              |                                         | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|-----------------------------------------|------------------------------------|---------------------------------|---------------|
| 929002067212 | DN016B LED8/WW 10W 100-240V D90 RD ND   | 3000 K                             | 80.00 lm/W                      | 800 lm        |
| 929002067312 | DN016B LED8/NW 10W 100-240V D90 RD ND   | 4000 K                             | 80.00 lm/W                      | 800 lm        |
| 929002067412 | DN016B LED8/CW 10W 100-240V D90 RD ND   | 6500 K                             | 80.00 lm/W                      | 800 lm        |
| 929002067512 | DN016B LED12/WW 15W 100-240V D125 RD ND | 3000 K                             | 80.00 lm/W                      | 1,200 lm      |
| 929002067612 | DN016B LED12/NW 15W 100-240V D125 RD ND | 4000 K                             | 80.00 lm/W                      | 1,200 lm      |
| 929002067712 | DN016B LED12/CW 15W 100-240V D125 RD ND | 6500 K                             | 80.00 lm/W                      | 1,200 lm      |
| 929002334612 | DN016B LED12/WW 15W 127V D125 RD DIM    | 3000 K                             | 80 lm/W                         | 1,200 lm      |
| 929002334712 | DN016B LED12/NW 15W 127V D125 RD DIM    | 4000 K                             | 80 lm/W                         | 1,200 lm      |
| 929002334812 | DN016B LED12/CW 15W 127V D125 RD DIM    | 6500 K                             | 80 lm/W                         | 1,200 lm      |
| 929002374812 | DN016B LED20/WW 20W 100-240V D125 RD ND | 3000 K                             | 100 lm/W                        | 2,000 lm      |
| 929002374912 | DN016B LED20/NW 20W 100-240V D125 RD ND | 4000 K                             | 100 lm/W                        | 2,000 lm      |
| 929002375012 | DN016B LED20/CW 20W 100-240V D125 RD ND | 6500 K                             | 100 lm/W                        | 2,000 lm      |

Operating and Electrical

SmartBright LED Downlight DN016

| Order Code   | Full Product Name                             | Input        |                | Power       |
|--------------|-----------------------------------------------|--------------|----------------|-------------|
|              |                                               | Voltage      | Line Frequency | Consumption |
| 929002067212 | DN016B LED8/WW<br>10W 100-240V D90<br>RD ND   | 100 to 240 V | 50 or 60 Hz    | 10 W        |
| 929002067312 | DN016B LED8/NW<br>10W 100-240V D90<br>RD ND   | 100 to 240 V | 50 or 60 Hz    | 10 W        |
| 929002067412 | DN016B LED8/CW<br>10W 100-240V D90<br>RD ND   | 100 to 240 V | 50 or 60 Hz    | 10 W        |
| 929002067512 | DN016B LED12/WW<br>15W 100-240V D125<br>RD ND | 100 to 240 V | 50 or 60 Hz    | 15 W        |
| 929002067612 | DN016B LED12/NW<br>15W 100-240V D125<br>RD ND | 100 to 240 V | 50 or 60 Hz    | 15 W        |
| 929002067712 | DN016B LED12/CW<br>15W 100-240V D125<br>RD ND | 100 to 240 V | 50 or 60 Hz    | 15 W        |

Controls and Dimming

| Order Code   | Full Product Name                          | Dimmable | Maximum dim |
|--------------|--------------------------------------------|----------|-------------|
|              |                                            |          | level       |
| 929002067212 | DN016B LED8/WW 10W 100-240V D90<br>RD ND   | No       | -           |
| 929002067312 | DN016B LED8/NW 10W 100-240V D90<br>RD ND   | No       | -           |
| 929002067412 | DN016B LED8/CW 10W 100-240V D90<br>RD ND   | No       | -           |
| 929002067512 | DN016B LED12/WW 15W 100-240V D125<br>RD ND | No       | -           |
| 929002067612 | DN016B LED12/NW 15W 100-240V D125<br>RD ND | No       | -           |
| 929002067712 | DN016B LED12/CW 15W 100-240V D125<br>RD ND | No       | -           |

Initial Performance (IEC Compliant)

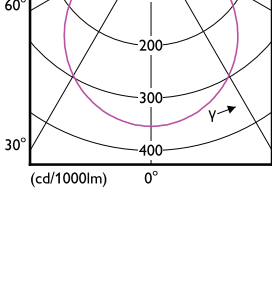
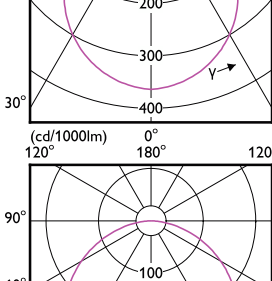
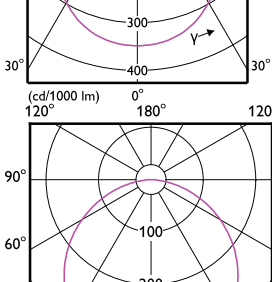
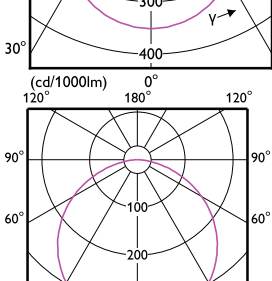
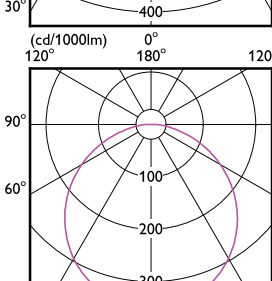
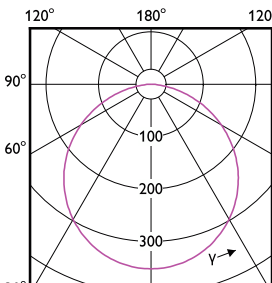
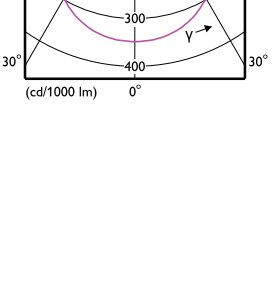
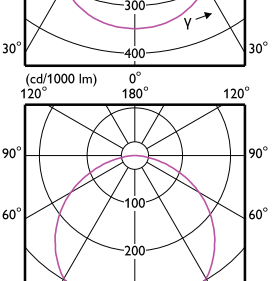
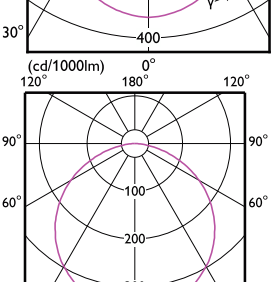
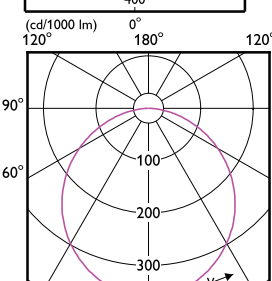
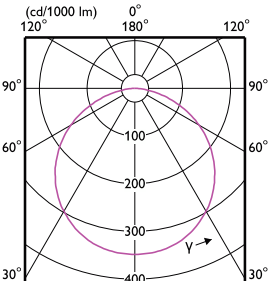
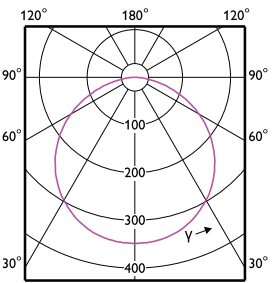
| Order Code   | Full Product Name                       | Initial chromaticity   |
|--------------|-----------------------------------------|------------------------|
| 929002067212 | DN016B LED8/WW 10W 100-240V D90 RD ND   | (0.440, 0.4030) 6SDCM  |
| 929002067312 | DN016B LED8/NW 10W 100-240V D90 RD ND   | (0.3818, 0.3797) 6SDCM |
| 929002067412 | DN016B LED8/CW 10W 100-240V D90 RD ND   | (0.3130, 0.3370) 6SDCM |
| 929002067512 | DN016B LED12/WW 15W 100-240V D125 RD ND | (0.440, 0.4030) 6SDCM  |
| 929002067612 | DN016B LED12/NW 15W 100-240V D125 RD ND | (0.3818, 0.3797) 6SDCM |
| 929002067712 | DN016B LED12/CW 15W 100-240V D125 RD ND | (0.3130, 0.3370) 6SDCM |
| 929002334612 | DN016B LED12/WW 15W 127V D125 RD DIM    | (0.440, 0.4030) 6SDCM  |

| Order Code   | Full Product Name                             | Input        |                | Power       |
|--------------|-----------------------------------------------|--------------|----------------|-------------|
|              |                                               | Voltage      | Line Frequency | Consumption |
| 929002334612 | DN016B LED12/WW<br>15W 127V D125 RD<br>DIM    | 127 V        | 60 Hz          | 15 W        |
| 929002334712 | DN016B LED12/NW<br>15W 127V D125 RD<br>DIM    | 127 V        | 60 Hz          | 15 W        |
| 929002334812 | DN016B LED12/CW<br>15W 127V D125 RD<br>DIM    | 127 V        | 60 Hz          | 15 W        |
| 929002374812 | DN016B LED20/WW<br>20W 100-240V D125<br>RD ND | 100 to 240 V | 50 or 60 Hz    | 20 W        |
| 929002374912 | DN016B LED20/NW<br>20W 100-240V D125<br>RD ND | 100 to 240 V | 50 or 60 Hz    | 20 W        |
| 929002375012 | DN016B LED20/CW<br>20W 100-240V D125<br>RD ND | 100 to 240 V | 50 or 60 Hz    | 20 W        |

| Order Code   | Full Product Name                          | Dimmable | Maximum dim    |
|--------------|--------------------------------------------|----------|----------------|
|              |                                            |          | level          |
| 929002334612 | DN016B LED12/WW 15W 127V D125 RD<br>DIM    | Yes      | 10%            |
| 929002334712 | DN016B LED12/NW 15W 127V D125 RD<br>DIM    | Yes      | 10%            |
| 929002334812 | DN016B LED12/CW 15W 127V D125 RD<br>DIM    | Yes      | 10%            |
| 929002374812 | DN016B LED20/WW 20W 100-240V D125<br>RD ND | No       | Not applicable |
| 929002374912 | DN016B LED20/NW 20W 100-240V D125<br>RD ND | No       | Not applicable |
| 929002375012 | DN016B LED20/CW 20W 100-240V D125<br>RD ND | No       | Not applicable |

| Order Code   | Full Product Name                       | Initial chromaticity   |
|--------------|-----------------------------------------|------------------------|
| 929002334712 | DN016B LED12/NW 15W 127V D125 RD DIM    | (0.3818, 0.3797) 6SDCM |
| 929002334812 | DN016B LED12/CW 15W 127V D125 RD DIM    | (0.3130, 0.3370) 6SDCM |
| 929002374812 | DN016B LED20/WW 20W 100-240V D125 RD ND | (0.440, 0.4030) 6SDCM  |
| 929002374912 | DN016B LED20/NW 20W 100-240V D125 RD ND | (0.3818, 0.3797) 6SDCM |
| 929002375012 | DN016B LED20/CW 20W 100-240V D125 RD ND | (0.3130, 0.3370) 6SDCM |

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