



# GreenSpace Surface-mounted

## SM293C LED20/840 PSU BK

LED, 19 W, Power supply unit (On/Off), High-gloss mirror, Reflector, 90°

Philips GreenSpace Surface-mounted LED Downlight delivers a superior LED alternative that's up to 66% more energy efficient than the conventional downlight retrofits. Blending seamlessly into its environment, GreenSpace Surface-mounted LED Downlight mimics the form of conventional recessed downlights minus the associated high energy and maintenance costs. Philips GreenSpace Surface-mounted LED Downlight is also ideal for all commercial lighting applications as well as public indoor space where there is limited space in the ceiling.

### Product data

| General Information                |             | Light source color                       |                   |
|------------------------------------|-------------|--|-------------------|
| Light source replaceable           | No          |  | 840 neutral white |
| Number of gear units               | 1 unit      | Optic type                               | High-gloss mirror |
| Driver included                    | Yes         | Luminaire light beam spread              | 90°               |
| Light source engine type           | LED         | Operating and Electrical                 |                   |
| Service tag                        | Yes         | Input Voltage                            | 220 to 240 V      |
| Value ladder                       | Performance | Line Frequency                           | 50 or 60 Hz       |
| Warranty period                    | 3 years     | Inrush current                           | 11 A              |
|                                    |             | Inrush time                              | 0.028 ms          |
|                                    |             | Power Consumption                        | 19 W              |
|                                    |             | Power Factor (Fraction)                  | 0.9               |
|                                    |             | Number of products on MCB of 16 A type B | 15                |
|                                    |             | Suitable for random switching            | No                |
| Light Technical                    |             |  |                   |
| Luminous Flux                      | 2,000 lm    |  |                   |
| Correlated Color Temperature (Nom) | 4000 K      |  |                   |
| Luminous Efficacy (rated) (Nom)    | 105 lm/W    |  |                   |
| Color rendering index (CRI)        | >80         |  |                   |

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|                      |                |
|----------------------|----------------|
| Protection class IEC | Safety class I |
|----------------------|----------------|

### Controls and Dimming

|                               |                            |
|-------------------------------|----------------------------|
| Dimmable                      | No                         |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface             | -                          |
| Constant light output         | No                         |

### Mechanical and Housing

|                                     |                         |
|-------------------------------------|-------------------------|
| Housing Material                    | Aluminum die cast       |
| Reflector material                  | Aluminum                |
| Optic material                      | Aluminum                |
| Optical cover material              | -                       |
| Housing Color                       | Black                   |
| Optical cover finish                | -                       |
| Overall length                      | 0 mm                    |
| Overall width                       | 0 mm                    |
| Overall height                      | 135 mm                  |
| Overall diameter                    | 160 mm                  |
| Dimensions (Height x Width x Depth) | 135 x 0 x 0 mm          |
| Ingress protection code             | IP20 [Finger-protected] |
| Mech. impact protection code        | IK02 [0.2 J standard]   |
| Optical cover type                  | Reflector               |
| Net Weight (Piece)                  | 0.599 kg                |

### Approval and Application

|                |                                  |
|----------------|----------------------------------|
| Glow-wire test | Temperature 750 °C, duration 5 s |
|----------------|----------------------------------|

|                           |               |
|---------------------------|---------------|
| CE mark                   | Yes           |
| Ambient temperature range | -20 to +40 °C |

### Initial Performance (IEC Compliant)

|                             |                      |
|-----------------------------|----------------------|
| Luminous flux tolerance     | +/-10%               |
| Initial chromaticity        | (0.38, 0.38) SDCM <5 |
| Power consumption tolerance | +/-10%               |

### Over Time Performance (IEC Compliant)

|                               |                |
|-------------------------------|----------------|
| Driver failure rate at 5000 h | 1.00 %         |
| Median useful life L70B50     | 50,000 hour(s) |
| Median useful life L80B50     | 40,000 hour(s) |
| Median useful life L90B50     | 20,000 hour(s) |

### Product Data

|                                 |                         |
|---------------------------------|-------------------------|
| Order product name              | SM293C LED20/840 PSU BK |
| Full product name               | SM293C LED20/840 PSU BK |
| Full product code               | 911401509831            |
| Order code                      | 911401509831            |
| Material Nr. (12NC)             | 911401509831            |
| Numerator - Quantity Per Pack   | 1                       |
| Numerator - Packs per outer box | 1                       |

### Dimensional drawing



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