

# PRODUCT DATASHEET

## DL SLIM SQ 105 6 W 6500 K WT

DOWNLIGHT SLIM SQUARE | Flat downlights with integrated driver, square shape



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### AREAS OF APPLICATION

- Direct replacement for luminaires with compact fluorescent lamps
- General illumination
- Public areas
- Stairways
- Corridors
- Foyers
- Shops

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### PRODUCT BENEFITS

- Very slim housing
- Low installation depth
- High luminous efficacy
- Energy savings up to 60 % (compared to luminaires that use CFL lamps)
- Very homogenous light
- Functional design
- Easy installation with fast connection
- Simple installation thanks to integrated driver

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### PRODUCT FEATURES

- Small visible bezel
- Connector box with push wire terminal for tool-free connection
- Light guide made of non-yellowing PMMA for long lifetime



## TECHNICAL DATA

### Electrical data

|                        |                               |
|------------------------|-------------------------------|
| Nominal wattage        | 6.00 W                        |
| Operating mode         | Electronic control gear (ECG) |
| Nominal voltage        | 220...240 V                   |
| Power factor $\lambda$ | 0.50                          |
| Mains frequency        | 50/60 Hz                      |

### Luminaire control gear data

|                             |        |
|-----------------------------|--------|
| Output current              | 180 mA |
| ECG - Output ripple current | <6.5 % |

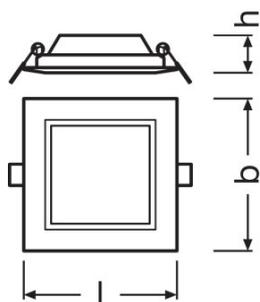
### Photometrical data

|                                      |                     |
|--------------------------------------|---------------------|
| Color temperature                    | 6500 K              |
| Luminous flux                        | 430 lm              |
| Luminous efficacy                    | 70 lm/W             |
| Standard deviation of color matching | <6 sdc <sub>m</sub> |
| Light color (designation)            | Cool Daylight       |
| Color rendering index Ra             | >80                 |

### Light technical data

|            |       |
|------------|-------|
| Beam angle | 120 ° |
|------------|-------|

### Dimensions & weight



|                 |          |
|-----------------|----------|
| Length          | 118.0 mm |
| Width           | 118.0 mm |
| Height          | 30.0 mm  |
| Product weight  | 172.00 g |
| Mounting length | 105.0 mm |

|                       |          |
|-----------------------|----------|
| <b>Mounting width</b> | 105.0 mm |
|-----------------------|----------|

### Colors & materials

|                       |                    |
|-----------------------|--------------------|
| <b>Body material</b>  | Polycarbonate (PC) |
| <b>Housing color</b>  | White              |
| <b>Product color</b>  | White              |
| <b>Cover material</b> | Polycarbonate (PC) |

### Temperatures & operating conditions

|                                  |             |
|----------------------------------|-------------|
| <b>Ambient temperature range</b> | -20...50 °C |
|----------------------------------|-------------|

### Lifespan

|                                   |         |
|-----------------------------------|---------|
| <b>Lifespan L70 at 25 °C</b>      | 30000 h |
| <b>Lifespan L80 at 25 °C</b>      | 20000 h |
| <b>Lifespan L90 at 25 °C</b>      | 12000 h |
| <b>Number of switching cycles</b> | 50000   |

### Additional product data

|                          |                |
|--------------------------|----------------|
| <b>Mounting type</b>     | Recessed       |
| <b>Mounting location</b> | Ceiling / Wall |

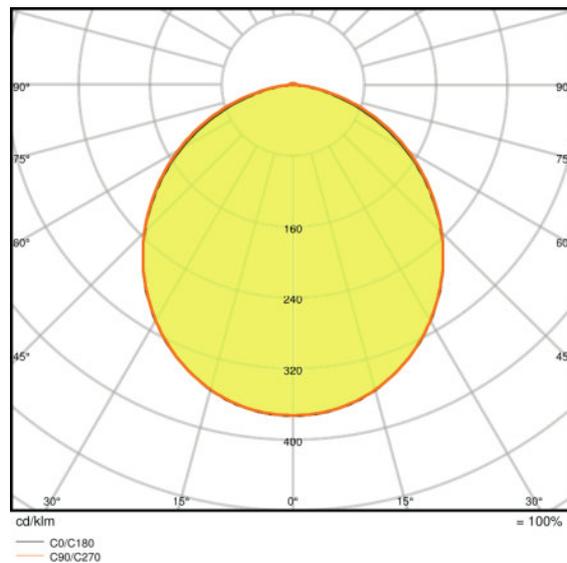
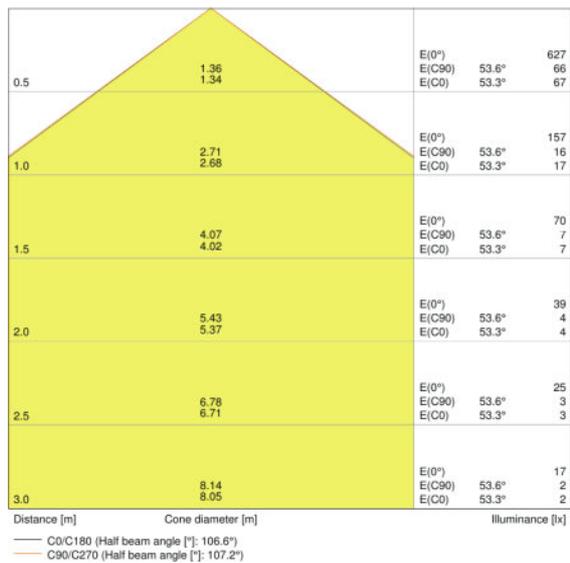
### Capabilities

|                               |                            |
|-------------------------------|----------------------------|
| <b>Dimmable</b>               | No                         |
| <b>Type of connection</b>     | Screwless terminal, 2-Pole |
| <b>LED module replaceable</b> | Not replaceable            |

### Certificates & standards

|                                                |                |
|------------------------------------------------|----------------|
| <b>Protection class IK (shock resistance)</b>  | IK03           |
| <b>Glow Wire Test according to IEC 695-2-1</b> | 650 °C         |
| <b>Photobio. safety group acc. to EN62471</b>  | RG 0           |
| <b>Protection class</b>                        | II             |
| <b>Type of protection</b>                      | IP20           |
| <b>Standards</b>                               | CE/CB/EAC/RoHS |

Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

- Surface mounting frames available as accessories

LOGISTICAL DATA

| Product code  | Product description          | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|------------------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4058075079250 | DL SLIM SQ 105 6 W 6500 K WT | Shipping carton box<br>6     | 290 mm x 165 mm x 165 mm             | 7.90 dm <sup>3</sup> | 1401.00 g    |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

REFERENCES / LINKS

For Guarantee see  
 ▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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