

DATA SHEET

LEDVANCE® LED ECO SLIM DOWNLIGHT



LEDVANCE® LED ECO SLIM Downlight is specially designed for indoor applications that have false ceilings. With product height at 23mm, it fits well in major false ceiling where space is a concern. A wide choice of size 4", 6" and 8" and ranging from 9W, 12W, 15W and 18W makes it suitable for all kinds of interior applications. LEDVANCE® LED ECO SLIM Downlight is designed and complies to international IEC standard where user safety is assured.

Product Features & Benefits

- Available in 4", 6" & 8"
- Available in 9W, 12W, 15W & 18W
- Available in 3000K and 6500K
- High color rendering: CRI >80
- Best in class color consistency: SDCM <6
- System efficacy up to 80 lumen per watt
- IP 20
- Lifetime: 15,000 hours (L70B50)
- Class II luminaires for indoor use
- White aluminum die-cast housing for reliable heat dissipation
- Elegant slim design with external isolated constant current driver
- Uniformed illumination, flicker free

Application Areas:

- Corridors
- Entrances
- Foyers
- Elevators
- Retail shops

General Specifications:

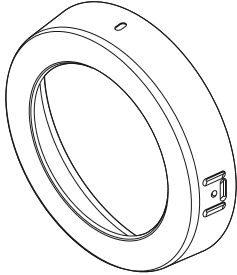
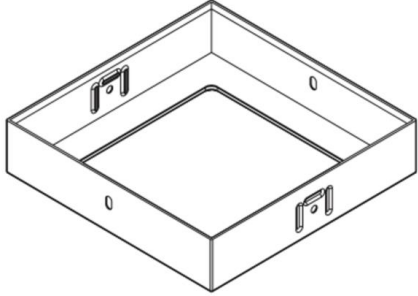
| LEDVANCE® LED ECO SLIM PANEL DOWNLIGHT | | Round | | | |
|---|-----------------------|------------------------------|---|---|---------------|
| | | 4 Inch | 6 Inch | 6 Inch | 8 Inch |
| Electrical | Power (Watt) | 9 | 12 | 15 | 18 |
| | Voltage Range | 220-240V | | | |
| | PF | >0.5 | | | |
| | Line frequency | 50/60Hz | | | |
| | Protection Class | Class II | | | |
| | Dimming | No | | | |
| | Driver | Isolated | | | |
| | Input Current (mA) | 80 mA | 110 mA | 136 mA | 150 mA |
| Optical | Lumen | 540/ 600 lm | 800/ 880 lm | 1080/ 1200 lm | 1296/ 1440 lm |
| | CCT | 3000K/ 6500K | 3000K/ 6500K | 3000K/ 6500K | 3000K/ 6500K |
| | Beam Angle | 120 Degree | | | |
| | Efficacy(lm/W) | 60/67 | 67/73 | 72/80 | 72/80 |
| | CRI | >80 | | | |
| | SDCM | <6 | | | |
| Mechanical | Outer dimension (mm) | Φ120 X H 23 | Φ170 X H 23 | Φ170 X H 23 | Φ225 X H 23 |
| | Cut out (mm) | 105 | 155 | 155 | 210 |
| | Weight (gram) | 140 | 220 | 220 | 330 |
| | Housing material | Die cast aluminum | | | |
| | Frame color | White RAL9003 | | | |
| | IP protection | IP20 | | | |
| Other | Rated lifetime | 15,000 hours @ L70 (Ta=25°C) | | | |
| | Operating temperature | -10 - +50°C | | | |
| | Storage temperature | -20 - +70°C | | | |
| | Warranty | 1 year | | | |
| | Certification | CB | | | |
| | Surface mounted kits | | LED ECO SLIM FRAME RD155 WH 20X1 LEDVO | LED ECO SLIM FRAME RD210 WH 20X1 LEDVO | |

| LEDVANCE® LED ECO SLIM PANEL DOWNLIGHT | | Square | | | |
|--|-----------------------|------------------------------|---|---------------------|---|
| | | 4 Inch | 6 Inch | 6 Inch | 8 Inch |
| Electrical | Power (Watt) | 9 | 12 | 15 | 18 |
| | Voltage Range | 220-240v | | | |
| | PF | >0.5 | | | |
| | Line frequency | 50/60Hz | | | |
| | Protection Class | Class II | | | |
| | Dimming | No | | | |
| | Driver | Isolated | | | |
| | Input Current (mA) | 80 mA | 110 mA | 136 mA | 150 mA |
| Optical | Lumen | 540/ 600 lm | 800/ 880 lm | 1080/ 1200 lm | 1296/ 1440 lm |
| | CCT | 3000K/ 6500K | 3000K/ 6500K | 3000K/ 6500K | 3000K/ 6500K |
| | Beam Angle | 120 Degree | | | |
| | Efficacy(lm/W) | 60/ 67 | 67/ 73 | 72/ 80 | 72/ 80 |
| | CRI | >80 | | | |
| | SDCM | <6 | | | |
| Mechanical | Outer dimension (mm) | 120 X 120 X H 23 | 170 X 170 X H 23 | 170 X 170 X H 23 | 225 X 225 X H 23 |
| | Cut out (mm) | 105 | 155 | 155 | 210 |
| | Weight (gram) | 165 | 265 | 265 | 400 |
| | Housing material | Die cast aluminum | | | |
| | Frame color | White RAL9003 | | | |
| | IP protection | IP20 | | | |
| Other | Rated lifetime | 15,000 hours @ L70 (Ta=25°C) | | | |
| | Operating temperature | -10 - +50°C | | | |
| | Storage temperature | -20 - +70°C | | | |
| | Warranty | 1 year | | | |
| | Certification | CB | | | |
| | Surface mounted kits | | LED ECO SLIM FRAME SQ155 WH 20X1 LEDVO | | LED ECO SLIM FRAME SQ210 WH 20X1 LEDVO |

Ordering Information:

| Description | Model name | Shipping quantity | EAN 10 | EAN40 |
|---|--------------------|-------------------|---------------|---------------|
| LED ECO SLIM ROUND 9W/830 20X1 LEDVO | LDV-SLIM-RD-9W-WW | 20pcs | 4058075107144 | 4058075107151 |
| LED ECO SLIM ROUND 9W/865 20X1 LEDVO | LDV-SLIM-RD-9W-DL | 20pcs | 4058075107168 | 4058075107175 |
| LED ECO SLIM ROUND 12W/830 20X1 LEDVO | LDV-SLIM-RD-12W-WW | 20pcs | 4058075107182 | 4058075107199 |
| LED ECO SLIM ROUND 12W/865 20X1 LEDVO | LDV-SLIM-RD-12W-DL | 20pcs | 4058075107205 | 4058075107212 |
| LED ECO SLIM ROUND 15W/830 20X1 LEDVO | LDV-SLIM-RD-15W-WW | 20pcs | 4058075107229 | 4058075107236 |
| LED ECO SLIM ROUND 15W/865 20X1 LEDVO | LDV-SLIM-RD-15W-DL | 20pcs | 4058075107243 | 4058075107250 |
| LED ECO SLIM ROUND 18W/830 20X1 LEDVO | LDV-SLIM-RD-18W-WW | 20pcs | 4058075107267 | 4058075107274 |
| LED ECO SLIM ROUND 18W/865 20X1 LEDVO | LDV-SLIM-RD-18W-DL | 20pcs | 4058075107281 | 4058075107298 |
| LED ECO SLIM SQUARE 9W/830 20X1 LEDVO | LDV-SLIM-SQ-9W-WW | 20pcs | 4058075107304 | 4058075107311 |
| LED ECO SLIM SQUARE 9W/865 20X1 LEDVO | LDV-SLIM-SQ-9W-DL | 20pcs | 4058075107328 | 4058075107335 |
| LED ECO SLIM SQUARE 12W/830 20X1 LEDVO | LDV-SLIM-SQ-12W-WW | 20pcs | 4058075107342 | 4058075107359 |
| LED ECO SLIM SQUARE 12W/865 20X1 LEDVO | LDV-SLIM-SQ-12W-DL | 20pcs | 4058075107366 | 4058075107373 |
| LED ECO SLIM SQUARE 15W/830 20X1 LEDVO | LDV-SLIM-SQ-15W-WW | 20pcs | 4058075107380 | 4058075107397 |
| LED ECO SLIM SQUARE 15W/865 20X1 LEDVO | LDV-SLIM-SQ-15W-DL | 20pcs | 4058075107403 | 4058075107410 |
| LED ECO SLIM SQUARE 18W/830 20X1 LEDVO | LDV-SLIM-SQ-18W-WW | 20pcs | 4058075107427 | 4058075107434 |
| LED ECO SLIM SQUARE 18W/865 20X1 LEDVO | LDV-SLIM-SQ-18W-DL | 20pcs | 4058075107441 | 4058075107458 |

General Specifications:

| | | | | | |
|--------------------|------------------------|---|--------------|---|-----------------|
| | |  | |  | |
| | | Round | | Square | |
| LED ECO SLIM FRAME | | RD155 | RD210 | SQ155 | SQ210 |
| Mechanical | Product dimension (mm) | Dia183 X H38 | Dia233 X H38 | 174 X 174 X H38 | 227 X 227 X H38 |
| | Weight (gram) | 153 | 290 | 194 | 213 |
| | Frame color | White | | | |

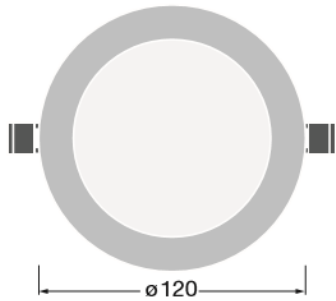
Ordering Information:

| Description | Shipping quantity | EAN 10 | EAN40 |
|---|-------------------|---------------|---------------|
| LED ECO SLIM FRAME RD155 WH 20X1 LEDVO | 20pcs | 4058075167827 | 4058075167834 |
| LED ECO SLIM FRAME RD210 WH 20X1 LEDVO | 20pcs | 4058075167841 | 4058075167858 |
| LED ECO SLIM FRAME SQ155 WH 20X1 LEDVO | 20pcs | 4058075167865 | 4058075167872 |
| LED ECO SLIM FRAME SQ210 WH 20X1 LEDVO | 20pcs | 4058075167889 | 4058075167896 |

Drawing/Dimensions:

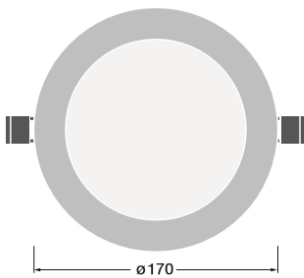
LEDVANCE® LED ECO SLIM PANEL DOWNLIGHT (ROUND)

LED ECO SLIM ROUND 9W

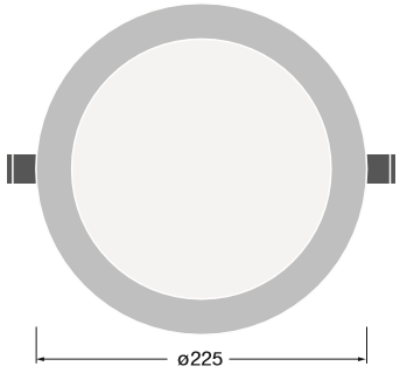


LED ECO SLIM ROUND 12W

LED ECO SLIM ROUND 15W

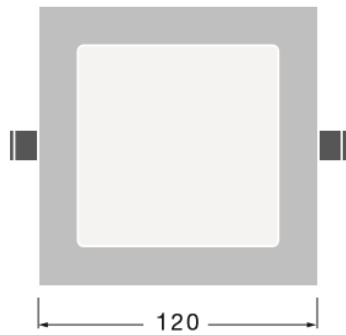
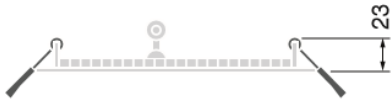


LED ECO SLIM ROUND 18W



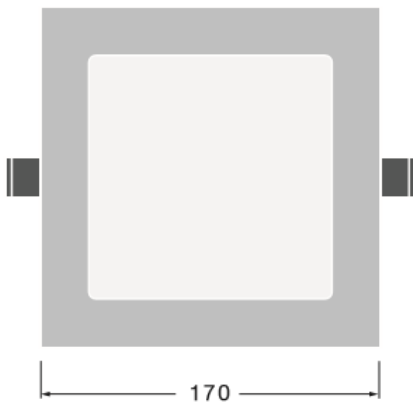
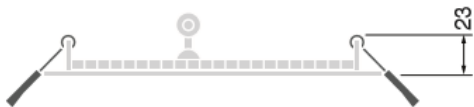
$\varnothing 210$ mm

LEDVANCE® LED ECO SLIM PANEL DOWNLIGHT (SQUARE)
LED ECO SLIM SQUARE 9W



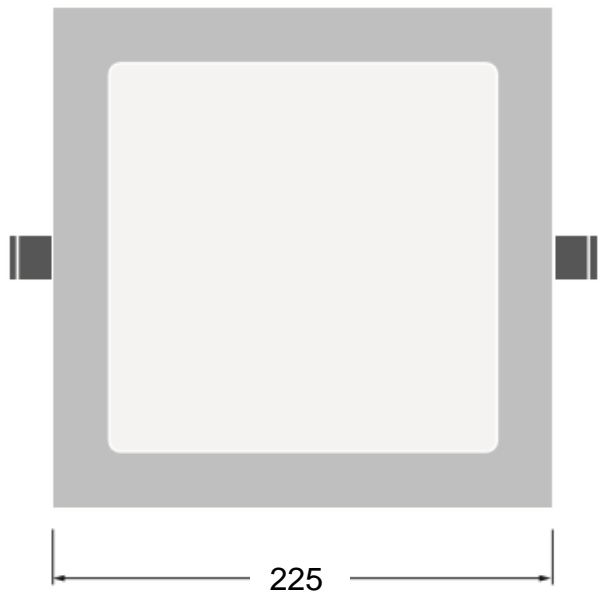
105 x 105 mm

LED ECO SLIM SQUARE 12W
LED ECO SLIM SQUARE 15W



155 x 155 mm

LED ECO SLIM SQUARE 18W



210 x 210 mm