

# PRODUCT DATASHEET

## LDECO CEILING 42W/865 230V

LED ECO CEILING LIGHT (APM) | Wall and ceiling luminaires



### Areas of application

- Bedrooms
- Dining rooms
- Terraces
- Corridors

### Product benefits

- Homogenous light distribution
- Simple installation
- Low maintenance costs thanks to long lifetime

### Product features

- Protection class: I
- Available with wattage: 23 W, 30 W and 42 W
- Available with color temperature: 3,000 K, 4,000 K, 6,500 K
- Color consistency: SDCM $\leq$ 6
- Color rendering index  $R_a$ : > 80
- Type of protection: IP20
- Certificate: CB, EMC, RoHS



## TECHNICAL DATA

### Electrical data

|                        |                       |
|------------------------|-----------------------|
| Nominal wattage        | 42.00 W               |
| Nominal voltage        | 220...240 V           |
| Mains frequency        | 50...60 Hz            |
| Power factor $\lambda$ | 0.90                  |
| Protection class       | I                     |
| Operating mode         | Integrated LED driver |

### Photometrical data

|                                              |          |
|----------------------------------------------|----------|
| Luminous flux                                | 2730 lm  |
| Luminous efficacy                            | 65 lm/W  |
| Color temperature                            | 6500 K   |
| Light color (designation)                    | 6500 K   |
| Color rendering index Ra                     | > 80     |
| Standard deviation of color matching         | < 6 sdcm |
| Photobiological safety group acc. to EN62778 | RG0      |
| Photobiological safety group acc. to EN62471 | RG0      |
| Beam angle                                   | 120 °    |
| UGR                                          | < 22     |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 440.00 mm |
| Height         | 75.00 mm  |
| Product weight | 920.00 g  |

LDECO CEILING 42W 230V

### Materials & Colors

|                |                  |
|----------------|------------------|
| Product color  | White            |
| Housing color  | White            |
| Body material  | Metal            |
| Cover material | Polystyrene (PS) |

|                 |        |
|-----------------|--------|
| Mercury content | 0.0 mg |
|-----------------|--------|

### Application & Mounting

|                           |                |
|---------------------------|----------------|
| Ambient temperature range | -20...+40 °C   |
| Type of connection        | Terminal       |
| Type of protection        | IP20           |
| Dimmable                  | No             |
| Mounting type             | Surface        |
| Mounting location         | Ceiling / Wall |
| Application environment   | Indoor         |
| Replaceable light source  | No             |

### Certificates & Standards

|           |                 |
|-----------|-----------------|
| Standards | CB / RoHS / EMC |
|-----------|-----------------|

### DOWNLOAD DATA

| Documents and certificates | Document name |
|----------------------------|---------------|
|----------------------------|---------------|



User instruction / safety instructions

LED ECO CEILING LIGHT

| Photometric and lighting design files | Document name |
|---------------------------------------|---------------|
|---------------------------------------|---------------|



IES file (IES)

LDECO CEILING 42W/865 230V

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075581784 | Folding box<br>1             | 495 mm x 80 mm x 495 mm              | 1334.00 g    | 19.60 dm <sup>3</sup> |
| 4058075581791 | Shipping box<br>4            | 510 mm x 340 mm x 510 mm             | 6286.00 g    | 88.43 dm <sup>3</sup> |

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.

### DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.