

# PRODUCT DATASHEET

## FLOOR HOME OFFICE 43W 840 WT CH PLUG

FLOOR STANDING HOME OFFICE | Floor-standing luminaires for home office applications



### Areas of application

- Home offices

### Product benefits

- Functional LEDVANCE SCALE design
- High light uniformity and low glare light thanks to diffuser
- Energy saving
- Easy to install
- Plug-and-Play due to EU or CH plug
- 5 years guarantee

### Product features

- Aluminium housing
- Stand-alone luminaires with direct (25 %) and indirect (75 %) light emission
- Direct/Indirect light controlled together
- Lifetime (L70/B50): 60,000 h (at 25 °C)



## TECHNICAL DATA

### Electrical data

|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 43.00 W               |
| Nominal voltage                                             | 220...240 V           |
| Mains frequency                                             | 50...60 Hz            |
| Nominal current                                             | 55.000 mA             |
| Inrush current                                              | 49 A                  |
| Inrush current time $T_{h50}$                               | 304 $\mu$ s           |
| Max. number of luminaires per miniature circuit breaker B16 | 28                    |
| Max. number of luminaires per miniature circuit breaker C10 | 30                    |
| Max. number of luminaires per miniature circuit breaker C16 | 46                    |
| Power factor $\lambda$                                      | 0.95                  |
| Total harmonic distortion                                   | < 20 %                |
| Protection class                                            | I                     |
| Operating mode                                              | Integrated LED driver |

### Photometrical data

|                                              |                       |
|----------------------------------------------|-----------------------|
| Luminous flux                                | 5600 lm <sup>1)</sup> |
| Luminous efficacy                            | 130 lm/W              |
| Color temperature                            | 4000 K                |
| Light color (designation)                    | Cool White            |
| Color rendering index Ra                     | ≥80                   |
| Standard deviation of color matching         | < 3 sdc <sub>m</sub>  |
| Low flicker                                  | Yes                   |
| Photobiological safety group acc. to EN62778 | RG1                   |
| Photobiological safety group acc. to EN62471 | RG1                   |
| Beam angle                                   | 60 ° x 35 °           |
| UGR                                          | ≤ 23                  |

<sup>1)</sup> Direct luminous flux 1850 lm / Indirect luminous flux 3750 lm

### Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 830.00 mm  |
| Width          | 400.00 mm  |
| Height         | 1950.00 mm |
| Product weight | 19200.00 g |

|              |         |
|--------------|---------|
| Cable length | 1500 mm |
|--------------|---------|

FLOOR STAND 58W

Materials & Colors

|                                            |                    |
|--------------------------------------------|--------------------|
| Product color                              | White              |
| Housing color                              | White              |
| Body material                              | Aluminum           |
| Cover material                             | Polycarbonate (PC) |
| Light emitting surface material            | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C             |
| Mercury content                            | 0.0 mg             |

Application & Mounting

|                                        |                  |
|----------------------------------------|------------------|
| Ambient temperature range              | 0...+35 °C       |
| Type of connection                     | Plug type J (CH) |
| Type of protection                     | IP20             |
| Protection class IK (shock resistance) | IK03             |
| Dimmable                               | Yes              |
| Type of dimming                        | Push-DIM         |
| Mounting type                          | Standing         |
| Mounting location                      | Floor            |
| Application environment                | Indoor           |
| Adjustable                             | No               |
| With light source                      | Yes              |
| Replaceable light source               | No               |

Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 60000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 50000 h <sup>1)</sup> |
| Lifespan L80/B50 at 25 °C  | 50000 h               |
| Lifespan L90/B10 at 25 °C  | 35000 h               |
| Number of switching cycles | 50000                 |

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

## Control gear

|                             |         |
|-----------------------------|---------|
| Output current              | 1050 mA |
| ECG - Output ripple current | < 5 %   |

## Certificates & Standards

|                                                      |    |
|------------------------------------------------------|----|
| Standards                                            | CE |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe                                       | No |

## DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                        |
|------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------|
|    | User instruction / safety instructions | UI Floor Home Office                 |
|    | Legal information                      | LS Insert Floor Home Office          |
|   | Legal information                      | Informationstext 18 Abs 4 ElektroG   |
|  | Declarations of conformity             | CE Declaration FLOOR HOME OFFICE 43W |

| Photometric and lighting design files                                              |                     | Document name                   |
|------------------------------------------------------------------------------------|---------------------|---------------------------------|
|  | IES file (IES)      | FLOOR HOME OFFICE 43W 840 WT CH |
|  | LDT file (Eulumdat) | FLOOR HOME OFFICE 43W 840 WT CH |
|  | ULD file (DIALux)   | FLOOR HOME OFFICE 43W 840 WT    |
|  | ROLF file (RELUX)   | FLOOR HOME OFFICE 43W 840       |

| CAD/BIM files                                                                      |             | Document name     |
|------------------------------------------------------------------------------------|-------------|-------------------|
|  | CAD STEP 3D | FLOOR HOME OFFICE |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                 |
|---------------|------------------------------|--------------------------------------|--------------|------------------------|
| 4058075612792 | Shipping box<br>1            | 1,180 mm x 430 mm x 277 mm           | 21512.00 g   | 140.55 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.

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#### References / Links

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

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