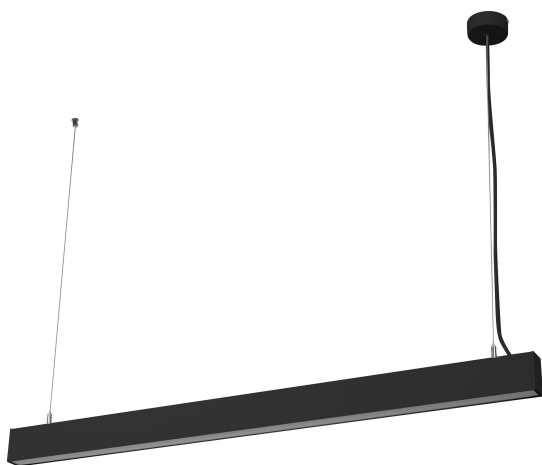


# PRODUCT DATASHEET

## Office Line Cuboid Suspended 42W 840 DIM Black

Office line cuboid suspended | Suspended office ceiling luminaire with 3-step-dim



### Areas of application

- Office lighting
- Indoor applications
- Home offices
- General indoor illumination
- Kitchens, workspaces

### Product benefits

- Linear luminaire in modern design
- 3 step dimming via switch on top of the luminaire
- Second light source on top for indirect light
- High quality metal housing

### Product features

- Lifetime up to 100,000 h
- Color temperature: 4,000 K
- Material: Aluminium (Housing), Polycarbonate (Diffuser)



## TECHNICAL DATA

### Electrical data

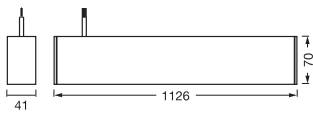
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 42.00 W       |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 187.000 mA    |
| Inrush current                                              | 19.9 A        |
| Inrush current time $T_{h50}$                               | 153.8 $\mu$ s |
| Max. number of luminaires per miniature circuit breaker B16 | 24            |
| Max. number of luminaires per miniature circuit breaker C10 | 25            |
| Max. number of luminaires per miniature circuit breaker C16 | 40            |
| Power factor $\lambda$                                      | > 0.90        |
| Total harmonic distortion                                   | < 20 %        |
| Protection class                                            | I             |
| Operating mode                                              | Mains voltage |

### Photometrical data

|                                                |            |
|------------------------------------------------|------------|
| Luminous flux                                  | 4400 lm    |
| Total luminous flux of contained light sources | 5500 lm    |
| Luminous efficacy                              | 100 lm/W   |
| Color temperature                              | 4000 K     |
| Light color (designation)                      | Cool White |
| Color rendering index Ra                       | > 80       |
| Standard deviation of color matching           | 6 sdcn     |
| Luminous intensity                             | 1250 cd    |
| Flickering metric (Pst LM)                     | <5%        |
| Stroboscope effect metric (SVM)                | <0.4       |
| Photobiological safety group acc. to EN62778   | RG1        |
| Beam angle                                     | 105 °      |

### Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 1126.00 mm |
| Width          | 41.00 mm   |
| Height         | 70.00 mm   |
| Product weight | 1600.00 g  |



OFFICE LINE CUBOID SUSP  
42W840DIM

Materials & Colors

|                 |                    |
|-----------------|--------------------|
| Product color   | Black              |
| Housing color   | Black              |
| Body material   | Aluminum           |
| Cover material  | Polycarbonate (PC) |
| Mercury content | 0.0 mg             |

Application & Mounting

|                                        |                             |
|----------------------------------------|-----------------------------|
| Ambient temperature range              | -20...+40 °C                |
| Temperature range at storage           | -20...+80 °C                |
| Type of connection                     | Terminal, 3-Pole (L, N, PE) |
| Type of protection                     | IP20                        |
| Protection class IK (shock resistance) | IK03                        |
| Dimmable                               | Yes                         |
| Type of dimming                        | 3 DIM                       |
| Mounting type                          | Suspended                   |
| Mounting location                      | Ceiling                     |
| With light source                      | Yes                         |
| Replaceable light source               | No                          |

Lifespan

|                            |                        |
|----------------------------|------------------------|
| Lifespan L70/B50 at 25 °C  | 100000 h <sup>1)</sup> |
| 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)

Certificates & Standards

|           |                 |
|-----------|-----------------|
| Standards | CE / EAC / UKCA |
|-----------|-----------------|

Luminaire with limited surface temperature, "D sign"

No

## EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

## Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

## DOWNLOAD DATA

|                                                                                    | Documents and certificates             | Document name                |
|------------------------------------------------------------------------------------|----------------------------------------|------------------------------|
|    | User instruction / safety instructions | OFFICE LINE CUBOID SUSPENDED |
|   | Legal information                      | Legal insert Office line     |
|  | Declarations of conformity             | OFFICE LINE CUBOID           |
|  | Declarations of conformity UKCA        | OFFICE LINE CUBOID           |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075842342 | Folding box<br>1             | 82 mm x 112 mm x 1,273 mm            | 1885.00 g    | 11.69 dm <sup>3</sup> |
| 4058075842359 | Shipping box<br>4            | 1,285 mm x 240 mm x 180 mm           | 8039.00 g    | 55.51 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.