

# FLOS

05.6346.14 Black

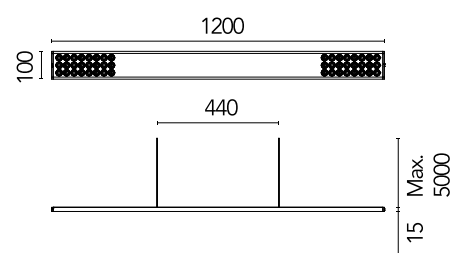
## Workmates Suspension Up&Down High Efficiency

Designed by FLOS Architectural, 2023



LED - Top LED - 53W - 4981lm - 3500K - CRI> 90 - Beam° 71

Suspension luminaire. Up&Down emission. High-efficiency light source. Driver not included (accessory kit for remote or surface driver). For Non Dimming models, you can configure the Up&Down luminous flux in 70/30 and 40/60 ratios (select the accessory kit for the driver concerned). Adjustable suspension height. Mechanical union module available for modular lines for various units. UGR<19. EN12464 - cd/m2 @ 65°<3000 compliant. Casambi, maximum distance between fixtures: 50m.



Are you a professional and your project needs consulting and support?

BOOK AN APPOINTMENT

### Main specifications

|                        |                     |
|------------------------|---------------------|
| Mounting               | Suspension          |
| Environments           | Indoor dry location |
| Light source type      | LED                 |
| Light sources included | Yes                 |
| LED type               | Top LED             |
| Lamp category          | LED                 |
| Number of lamps        | 1                   |
| Power (W)              | 53                  |
| System power (W)       | 57                  |
| Source flux (lm)       | 6563                |
| Lumen Output (lm)      | 4981                |

### Physical

|                  |       |
|------------------|-------|
| Colour           | Black |
| Cord colour      | Black |
| Cord length (mm) | 5000  |
| Net weight (kg)  | 2.18  |
| IP internal      | 20    |

### Download

Mounting instructions [↓ PDF](#)

### Photometric Files

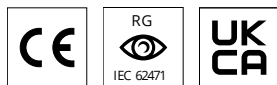
ULD [↓ ULD](#)

LDT / IES [↓ ZIP](#)

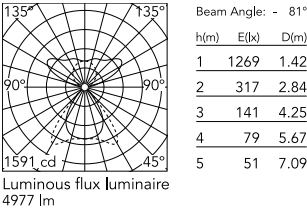
### Technical Drawings

2D [↓ ZIP](#)

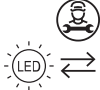
3D [↓ ZIP](#)



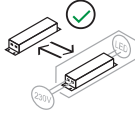
Schematic light drawing



### Ecodesign and Energy Labelling



Replaceable (LED only) light source by a professional



Replaceable control gear by an end-user

Photometric

|                          |                       |
|--------------------------|-----------------------|
| Lighting type            | Total                 |
| Light distribution       | Asymmetric            |
| CCT (K)                  | 3500                  |
| CRI>                     | 90                    |
| McAdam steps (SDCM)      | 3                     |
| Rf fidelity index        | 89                    |
| Rg gamut index           | 106                   |
| LED Life / Failure Ratio | L80B50>60.000h_Tc85°C |
| Beam angle C0-180 (°)    | 71                    |
| Beam angle C90-270 (°)   | 81                    |
| Extreme cut off          | Yes                   |
| UGR <sub>L</sub>         | <16                   |

Electrical

|                     |                               |
|---------------------|-------------------------------|
| Forward voltage (V) | 48                            |
| LED current (mA)    | 700                           |
| Power supply        | Remote                        |
| Dimmable            | Yes                           |
| Power supply type   | Non Dimmable, Dimmable DALI 2 |
| Batteries inside    | No                            |

<https://professional.flos.com/en/global/product/workmates-suspension-updown-high-efficiency-05.6346.14/>

05.6346.14

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Accessories & Power Supply



REQUIRED  
Power supply  
Installation

08.0901.AP  
Remote Power Supply Kit for  
Workmates Suspension  
Up&Down - Non dimmable



REQUIRED  
Power supply  
Installation

08.0901.14  
Remote Power Supply Kit for  
Workmates Suspension  
Up&Down - Non dimmable



REQUIRED  
Power supply  
Installation

08.0901.40  
Remote Power Supply Kit for  
Workmates Suspension  
Up&Down - Non dimmable



REQUIRED  
Power supply  
Installation

08.0904.AP  
Remote Power Supply Kit for  
Workmates Suspension  
Up&Down - Dimmable Dali



REQUIRED  
Power supply  
Installation

08.0904.14  
Remote Power Supply Kit for  
Workmates Suspension  
Up&Down - Dimmable Dali



REQUIRED  
Power supply  
Installation

08.0904.40  
Remote Power Supply Kit for  
Workmates Suspension  
Up&Down - Dimmable Dali



REQUIRED  
Power supply  
Electrical

08.0911.AP  
Surface Power Supply Kit for  
Workmates Suspension  
Up&Down - Non Dimmable



REQUIRED  
Power supply  
Electrical

08.0911.14  
Surface Power Supply Kit for  
Workmates Suspension  
Up&Down - Non Dimmable



REQUIRED  
Power supply  
Electrical

08.0911.40  
Surface Power Supply Kit for  
Workmates Suspension  
Up&Down - Non Dimmable



REQUIRED  
Power supply  
Electrical

08.0914.AP  
Surface Power Supply Kit for  
Workmates Suspension  
Up&Down - Dimmable Dali



REQUIRED  
Power supply  
Electrical

08.0914.14  
Surface Power Supply Kit for  
Workmates Suspension  
Up&Down - Dimmable Dali



REQUIRED  
Power supply  
Electrical

08.0914.40  
Surface Power Supply Kit for  
Workmates Suspension  
Up&Down - Dimmable Dali



REQUIRED  
Power supply

08.0921.AP  
Recessed Power Supply Kit for  
Workmates Suspension  
Up&Down - Non Dimmable



REQUIRED  
Power supply

08.0921.14  
Recessed Power Supply Kit for  
Workmates Suspension  
Up&Down - Non Dimmable



REQUIRED  
Power supply

08.0921.40  
Recessed Power Supply Kit for  
Workmates Suspension  
Up&Down - Non Dimmable



REQUIRED  
Power supply

08.0924.AP  
Recessed Power Supply Kit for  
Workmates Suspension  
Up&Down - Dimmable Dali



REQUIRED  
Power supply

08.0924.14

Recessed Power Supply Kit for  
Workmates Suspension  
Up&Down - Dimmable Dali



REQUIRED  
Power supply

08.0924.40

Recessed Power Supply Kit for  
Workmates Suspension  
Up&Down - Dimmable Dali



OPTIONAL  
Accessory

Installation

06.0436.14

Interconnection Accessory