

PRODUCT DATASHEET

FS CMFT SN P 114W 840



Areas of application

- Single component (luminaire head, luminaire pole, luminaire base and regional electrical connection) for mounting the FLOOR STANDING COMFORT
- For use at single or double desks
- Individual offices
- Open-space office
- Home offices

Product features

- Powder coated luminaire head made of aluminum
- High lumen output with overall up to 20000 lm (18400 lm indirect and 1600 lm direct)
- High luminous efficacy: up to 175 lm/W
- Diffusor prismatic (direct) and transparent (indirect) for an overall glare reduction of UGR <16
- Lifetime (L80/B10): up to 100,000 h (at 25 °C)
- Color temperature 4000 K with SDCM <3 and CRI 80
- Available in white (like RAL9003), grey (like RAL9006) and black (like RAL9005)
- Single control button integrated on the front
- IEC plug integrated in the inside of the housing to connect with FS COMFORT POWER CABLE (EU or CH)
- Floor protectors integrated on the bottom side
- Black EU or CH power cable

Product benefits

- Uniformly lighting thanks to a high indirect lighting share
- Low direct lighting part for an optimized glare reduction
- Daylight and motion-dependent control thanks to an integrated sensor
- Manual dimming and wished lighting level can be set via integrated switch
- Low height suitable for most tables
- Large cut-out for various table legs
- Solid design for a stable stand
- Flexible positioning of the luminaire thanks to a 3,000 mm cable length

TECHNICAL DATA

Electrical data

Nominal wattage	114 W
Nominal voltage	220-240 V
Mains frequency	50/60 Hz
Nominal current	630 mA
Power factor λ	> 0.95
Total harmonic distortion	< 10 %
Protection class	I
Operating mode	Integrated LED driver
Dimming interface	DALI

Photometrical data

Luminous flux	↑18400 / 1600↓
Luminous efficacy	175 lm/W
Color temperature	4000 K
Light color	840
Color rendering index Ra	> 80
Standard deviation of color matching	3 sdcm
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Beam angle	↑116° / 84°↓

Dimensions & Weight

Length	660 mm
Width	370 mm
Height	2025 mm
Product weight	14100 g

Materials & Colors

Product color	Black/White/Grey
Housing color	Black/White/Grey
Body material	Aluminum
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 69	650 °C

Application & Mounting

Temperature range in operation	+10...+35 °C
Temperature range at storage	+5...+40 °C
Type of connection	Screwless terminal
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of mounting	Standing
Mounting location	Floor
Application environment	Indoor
Adjustable	No
Replaceable light source	No
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	100000 h
Lifespan L80/B10 at 25 °C	100000 h
Lifespan L90/B10 at 25 °C	100000 h
Number of switching cycles	200000

Control Gear

ECG - Nominal output current	630 mA
Output ripple current	< 5 %

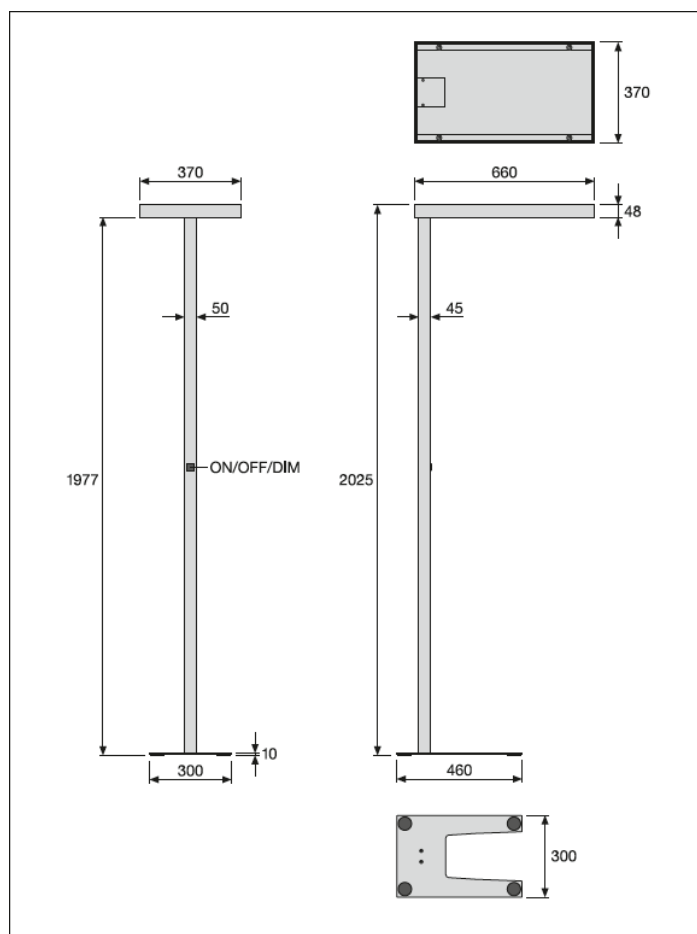
Sensor

Type of sensor	Motion / Light
Sensor technology	Passive infrared (PIR)
Sensor detection angle	80 °
Sensor controlled switching time	900 s
Detection range of motion sensor	0...2.5 m
Detection threshold of daylight sensor	10...1200 lx
Sensor IK rating	IK03

Certificates & Standards

Standards	CE / EMC / ROHS / REACH / ENEC
Warranty	5 years

<p>*</p> <p>SN = Daylight / Motion Sensor WT = White / RAL 9003 GY = Grey / RAL 9006 BK = Black / RAL 9005</p> <p>**</p> <p>EU = EU Plug version CH = Swiss Plug version</p>			
Price list	EAN WHITE (WT)	EAN GRAY (GY)	EAN BLACK (BK)
FS CMFT HEAD SN P 114W 840 *	4099854606533	4099854606564	4099854606595
FS CMFT POLE P *	4099854606625	4099854606632	4099854606663
FS CMFT BASE P *	4099854606694	4099854606700	4099854606717
	4099854606724 (EU) or 4099854606731 (CH)	4099854606724 (EU) or 4099854606731 (CH)	4099854606724 (EU) or 4099854606731 (CH)
FS CMFT POWER CABLE 3000 BK **			



Disclaimer

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