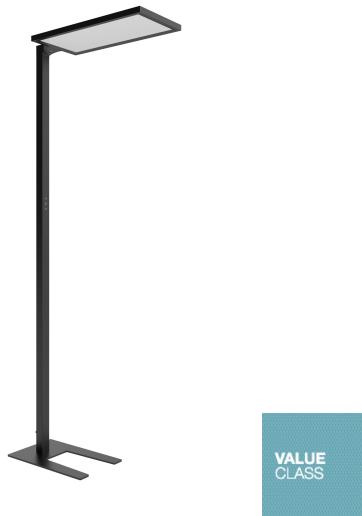


# PRODUCT DATASHEET

## FS COMP SN EU V 88W 840 BK

FLOOR STANDING COMPACT | Minimalized shaped Floorstanding luminaire with integrated sensor



### Areas of application

- For use at single or double desks
- Individual offices
- Open-space office
- Home offices

### Product benefits

- Direct and indirect light can be controlled separately
- Daylight and motion-dependent control thanks to an integrated sensor
- Manual dimming and wished lighting level can be set via integrated touch panel
- Flexible positioning of the luminaire thanks to a 2,500 mm cable length

### Product features

- High lumen output with overall up to 12,600 lm (9,000 lm indirect and 3,600 lm direct)
- High luminous efficacy: up to 144 lm/W
- Diffuser prismatic (direct) and transparent (indirect) for an overall glare reduction of UGR <19
- Available in white (like RAL9003), grey (like RAL9006) and black (like RAL9005)
- Lifetime (L80/B10): up to 75,000 h (at 25 °C)
- Powder coated luminaire made of aluminum
- Color temperature 4,000 K with SDCM <3 and CRI 80
- Integrated IEC socket for a flexible connection
- Versions with EU plug or Swiss plug (CH) available



## TECHNICAL DATA

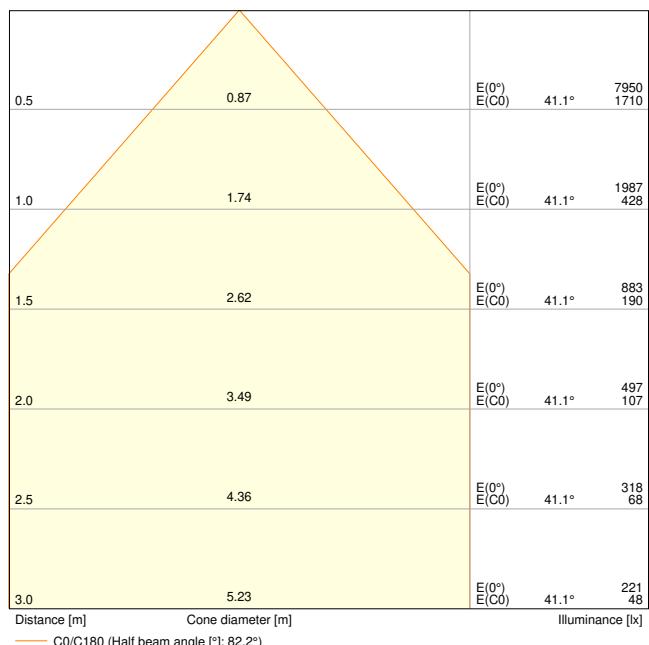
## Electrical data

Nominal wattage	88.00 W
Nominal voltage	220...240 V
Mains frequency	50/60 Hz
Nominal current	400.000 mA
Inrush current	28.75 A
Inrush current time $T_{h50}$	308 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	7
Max. number of luminaires per miniature circuit breaker C10	7
Max. number of luminaires per miniature circuit breaker C16	12
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 6 %
Protection class	I
Operating mode	Integrated LED driver
Dimming interface	DALI

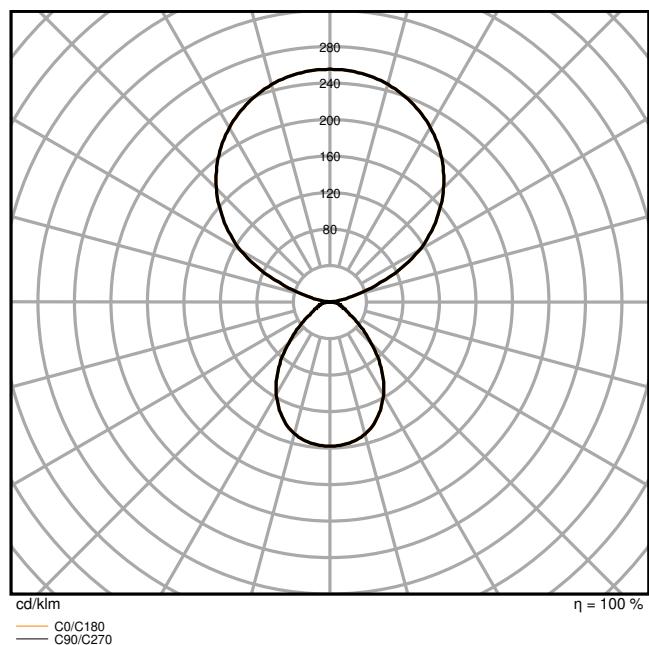
## Photometrical data

Luminous flux	12600 lm <sup>1)</sup>
Luminous efficacy	144 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 3 sdcm
Luminous intensity	3297 cd
Low flicker	Yes
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	110 ° x 80 °
UGR	< 19

1) 9000 lm indirect and 3600 lm direct



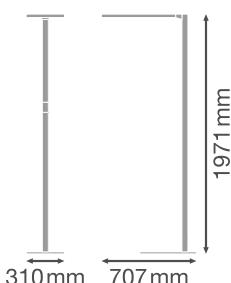
FS COMP SN EU V 88W 840 BK LEDV



FS COMP SN EU V 88W 840 BK LEDV

## Dimensions & Weight

Length	707.00 mm
Width	310.00 mm
Height	1971.00 mm
Product weight	12500.00 g
Cable length	2500 mm



FS COMP SN V 88W 84

## Materials & Colors

Product color	Black
Housing color	Black
RAL Color (most similar)	RAL 9005
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	-20...+45 °C
Temperature range at storage	-40...+80 °C
Type of connection	Plug type C (EU)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	Yes
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	100000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	75000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	75000 h
Lifespan L90/B10 at 25 °C	52000 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	1750 mA
ECG - Output ripple current	< 5 %

### Sensor

Type of sensor	Motion / Light
Sensor technology	Passive infrared (PIR)
Sensor detection angle	120 °
Sensor controlled switching time	1800+1800 s
Detection range of motion sensor	1.2...1.5 m
Sensor IK rating	IK03

## Certificates & Standards

Standards	CE / CB / EMC / ROHS / REACH / ENEC / ERP / EAC / UKCA / EPD
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00062-V01.01-EN
Replaceable light source (EPREL)	Not replaceable

## EQUIPMENT / ACCESSORIES

- Accessories for mounting the luminaire included

## Safety advice

- All electrical connections must be made by a qualified person.
- 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.
- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

## DOWNLOAD DATA

Documents and certificates	Document name
 PDF	User instruction / safety instructions FLOOR STANDING COMPACT
 PDF	User instruction / safety instructions FLOOR STANDING COMPACT SENSOR
 PDF	Legal information Safety insert G11221844
 PDF	Legal information Informationstext 18 Abs 4 ElektroG
 PDF	Legal information Legal Insert G11240749

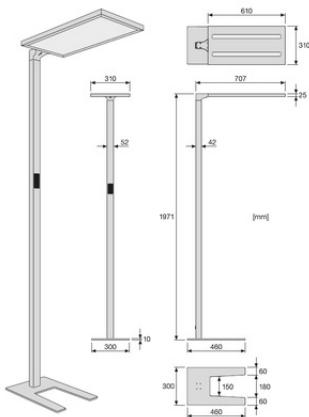
Documents and certificates	Document name
 Legal information	FS COMPACT
 Declarations of conformity	FC COMP SN
 Declarations of conformity UKCA	FS COMP SN
 EU Data Act	DALI LED Driver and Luminaires
 EPD	ENVIRONMENTAL PRODUCT DECLARATION FLOORSTANDING COMPACT
Photometric and lighting design files	Document name
 IES file (IES)	FS COMP SN EU V 88W 840 BK LEDV
 LDT file (Eulumdat)	FS COMP SN EU V 88W 840 BK LEDV
 UGR file (UGR table)	FS COMP SN EU V 88W 840 BK LEDV
— Light distribution curve type cone	FS COMP SN EU V 88W 840 BK LEDV
— Light distribution curve type polar	FS COMP SN EU V 88W 840 BK LEDV
CAD/BIM files	Document name
 BIM Revit 3D	Floor Standing Compact
 CAD STEP 3D	FS COMP SN
Tender texts	Document name
 Tender documents	FLOOR STANDING COMPACT SN EU V 88W 840 BK-en

## LOGISTICAL DATA

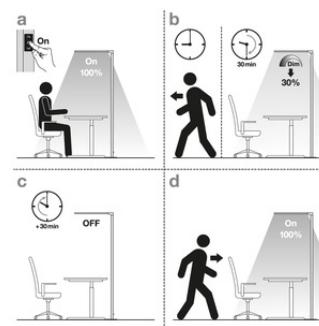
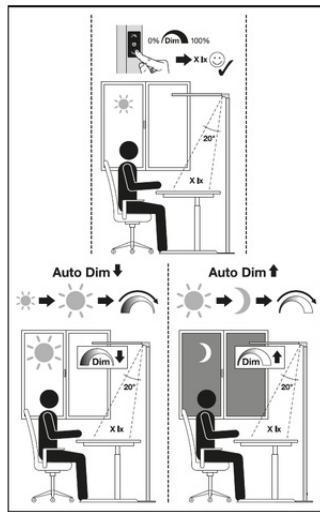
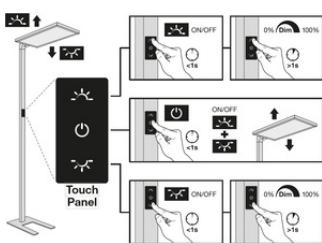
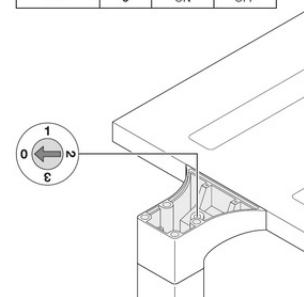
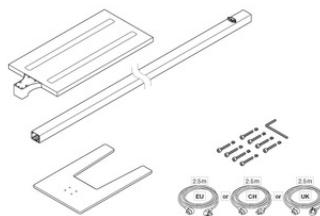
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854540875	Shipping box 1	1,966 mm x 471 mm x 161 mm	17233.00 g	149.08 dm <sup>3</sup>

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.

## ADDITIONAL CATALOG INFORMATION



Dip switch	Daylight sensor (A)	Motion sensor (B)
0	OFF	OFF
1	OFF	ON
2	ON	ON
3	ON	OFF



## References / Links

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

## DISCLAIMER

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