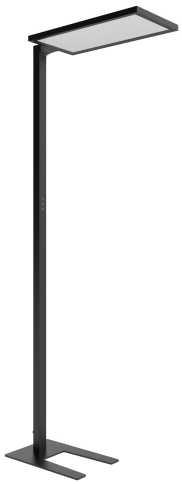
PRODUCT DATASHEET
FS COMP SN CH V 88W 840 BK

FLOOR STANDING COMPACT | Minimalized shaped Floorstanding luminaire with integrated sensor



VALUE CLASS

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

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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 µs
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 λ	> 0.90
Total harmonic distortion	< 6 %
Protection class	I
Operating mode	Integrated LED driver
Dimming interface	DALI

Photometrical data

Luminous flux	12600 lm [1)]
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

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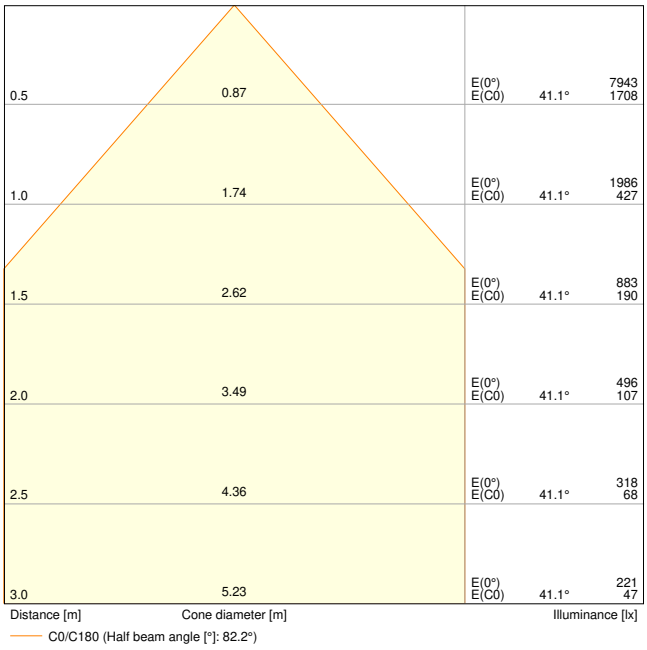
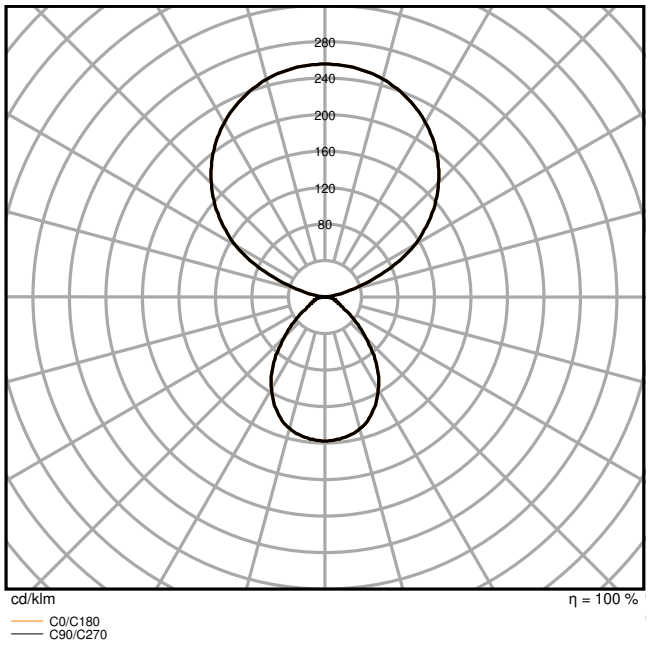


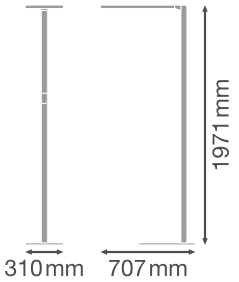
FS COMP SN CH V 88W 840 BK LEDV



FS COMP SN CH 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

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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 J (CH)
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 [1)]
Lifespan L80/B10 at 25 °C	75000 h [1)]
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

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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

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	Documents and certificates	Document name
PDF	Legal information	FS COMPACT
PDF	Declarations of conformity	FC COMP SN
PDF	Declarations of conformity UKCA	FS COMP SN
PDF	EU Data Act	DALI LED Driver and Luminaires
PDF	EPD	ENVIRONMENTAL PRODUCT DECLARATION FLOORSTANDING COMPACT

	Photometric and lighting design files	Document name
IES	IES file (IES)	FS COMP SN CH V 88W 840 BK LEDV
LDT	LDT file (Eulumdat)	FS COMP SN CH V 88W 840 BK LEDV
	UGR file (UGR table)	FS COMP SN CH V 88W 840 BK LEDV
	Light distribution curve type cone	FS COMP SN CH V 88W 840 BK LEDV
	Light distribution curve type polar	FS COMP SN CH V 88W 840 BK LEDV

	CAD/BIM files	Document name
RFA	BIM Revit 3D	Floor Standing Compact
STEP	CAD STEP 3D	FS COMP SN

	Tender texts	Document name
TXT	Tender documents	FLOOR STANDING COMPACT SN CH V 88W 840 BK-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854540905	Shipping box 1	1,966 mm x 471 mm x 161 mm	17233.00 g	149.08 dm^3

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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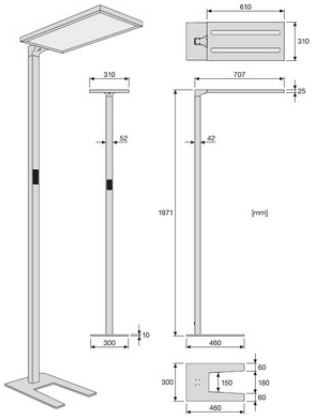
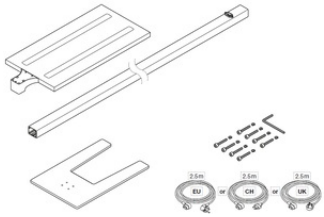
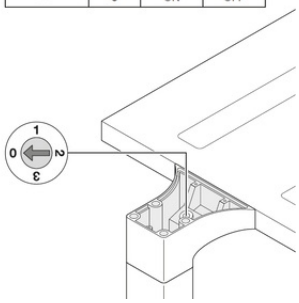
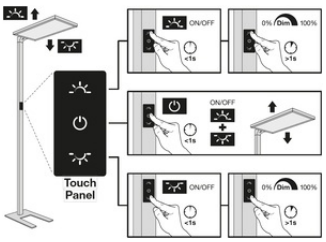
ADDITIONAL CATALOG INFORMATION

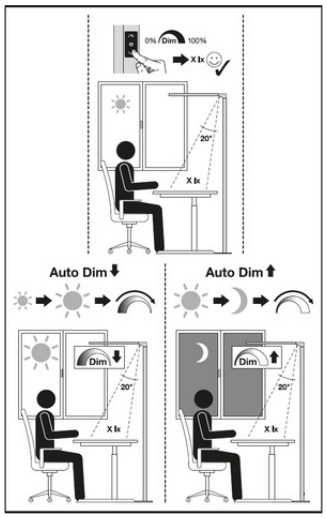


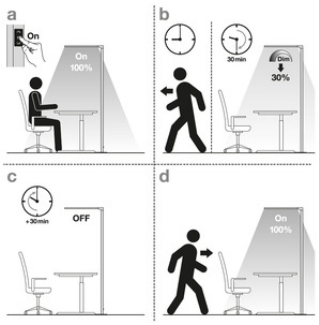


Dip switch	Daylight sensor (A)	Motion sensor (B)
0	OFF	OFF
1	OFF	ON
2	ON	ON
3	ON	OFF









References / Links

– For Guarantee see www.ledvance.com/guarantee

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