PRODUCT DATASHEET
LN COMP Batten 1200 20 W 3000 K

LINEAR COMPACT BATTEN | Compact luminaires with a wiring on the back side



Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Indoor applications
- Corridors, entrance areas, stairwells, living rooms, basements
- Accent lighting
- Public areas
- Cove lighting
- Shelves, furniture integration or under cabinet mounting
- Seamless linear lighting

VALUE CLASS

Product benefits

- Compact dimensions
- Little space required thanks to compact dimensions
- Seamless connection without visible cables when connected to Linear Compact High Output
- High lumen output up to 2500 lm
- Flexible application due to a wide range of available lengths of 600 mm to 1500 mm
- Low flicker light thanks to special electronic control gear
- 5 years guarantee

Product features

- Replacement for traditional T8 luminaires
- Wiring at back side of luminaire
- Translucent end caps
- Connectible at the beginning of a light line with Linear Compact High Output luminaire
- Versions with luminous flux 1000…2500 lm available

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- 3 different lengths available
- Luminous efficacy: up to 100 lm/W
- Glow Wire Test according to IEC 60695-2-12: 850 °C

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TECHNICAL DATA

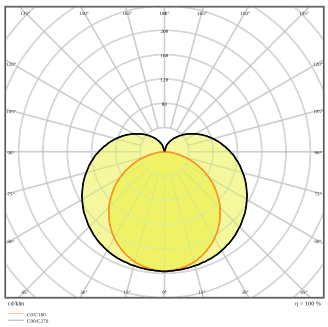
Electrical data

Nominal wattage	20.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	158 mA
Inrush current	12.1 A
Inrush current time T_{h50}	150 µs
Max. number of luminaires per miniature circuit breaker B16	40
Max. number of luminaires per miniature circuit breaker C10	33
Max. number of luminaires per miniature circuit breaker C16	54
Power factor λ	> 0.50
Maximum total harmonic distortion	< 30 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	2000 lm
Luminous efficacy	100 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdcm
Photobiological safety group acc. to EN62778	RG0
Beam angle	140 °

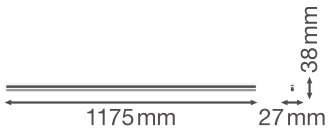
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LN COMP BATTEN 1200
20W3000K

Dimensions & Weight

Length	1175.00 mm
Width	27.00 mm
Height	38.00 mm
Product weight	240.00 g



LN COMP BATTEN 1200

Materials & Colors

Product color	White
Housing color	White
RAL Color (most similar)	RAL 9016
Body material	Polycarbonate (PC)
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	850 °C
Mercury content	0.0 mg

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Application & Mounting

Ambient temperature range	-20…+40 °C
Type of connection	Screw terminal, 2-Pole (L,N)
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall
Application environment	Indoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h [1)]
Lifespan L80/B10 at 25 °C	40000 h [1)]
Lifespan L80/B50 at 25 °C	40000 h
Lifespan L90/B10 at 25 °C	30000 h [1)]
Number of switching cycles	100000

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 / CB / TÜV SÜD / EAC / EPD
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00019-V01.01-EN

EQUIPMENT / ACCESSORIES

- Mounting clips included

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	LINEAR COMPACT BATTEN

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	Documents and certificates	Document name
PDF	Legal information	LINEAR COMPACT BATTEN
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	Safety Insert G11218810
PDF	Legal information	Legal Insert G11231524
PDF	Declarations of conformity	Linear Batten CE Declaration
PDF	Declarations of conformity	CE Certificate Linear Comp Batten
PDF	Declarations of conformity UKCA	LN COMP BATTEN
PDF	EPD	EPD EN LINEAR COMPACT BATTEN

	Photometric and lighting design files	Document name
IES	IES file (IES)	LN COMP BATTEN 1200 20W3000K
LDT	LDT file (Eulumdat)	LN COMP BATTEN 1200 20W3000K
ULD	ULD file (DIALux)	LINEARCOMPACTBATTEN120020W3000K
ROLF	ROLF file (RELUX)	LN COMP BATTEN 1200
	UGR file (UGR table)	LN COMP BATTEN 1200 20W3000K
	Light distribution curve type polar	LN COMP BATTEN 1200 20W3000K

	CAD/BIM files	Document name
RFA	BIM Revit 3D	Linear Compact
STEP	CAD STEP 3D	LN COMP BATTEN 1200

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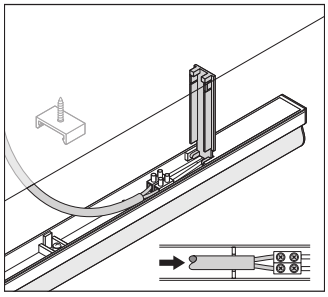
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	Tender documents	LINEAR COMPACT BATTEN 1200 20 W 3000 K-EN

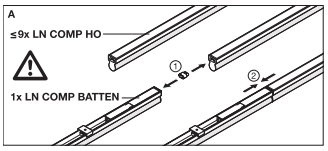
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075099739	Folding box 1	29 mm x 1,180 mm x 42 mm	295.00 g	1.44 dm^3
4058075099746	Shipping box 25	1,218 mm x 242 mm x 175 mm	8390.00 g	51.58 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.

ADDITIONAL CATALOG INFORMATION





References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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

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