# PRODUCT DATASHEET
# LN COMP HO 1200 20 W 3000 K

LINEAR COMPACT HIGH OUTPUT | Compact single or light line luminaire with high luminous flux



## 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 of up to 10 luminaires in a line
- High lumen output up to 2500 lm
- Seamless connection without visible cables when connected to Linear Compact Batten
- Low flicker light thanks to special electronic control gear
- Angled connection possible with included cable
- Flexible installation in 2 different angles with 2 different mounting options
- Flexible application due to a wide range of available lengths of 600 mm to 1500 mm
- 5 years guarantee

## Product features

- Replacement for traditional T8 or T5 luminaires
- Up to 10 luminaires connectable




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- Translucent end caps
- Linear Compact Batten connectable at the beginning of the row with wiring on back side
- Versions with luminous flux 1000…2500 lm available
- 4 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

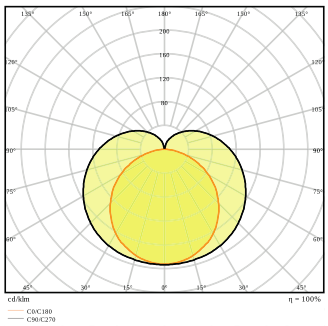
## Electrical data

| | |
|---|---|
| Nominal wattage | 20.00 W |
| Nominal voltage | 220…240 V |
| Mains frequency | 50…60 Hz |
| Nominal current | 0.16 A |
| Inrush current | 15.0 A |
| Inrush current time $T_{h50}$ | 160 µs |
| Max. number of luminaires per miniature circuit breaker B16 | 27 |
| Max. number of luminaires per miniature circuit breaker C10 | 23 |
| Max. number of luminaires per miniature circuit breaker C16 | 37 |
| Power factor λ | > 0.5 |
| Maximum total harmonic distortion | 90 % |
| 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 ° |

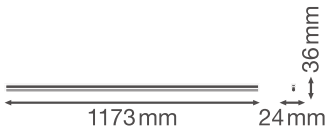

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LN COMP HO 1200 20W 3000K IP20

## Dimensions & Weight

| | |
|---|---|
| Length | 1173.00 mm |
| Width | 24.00 mm |
| Height | 36.00 mm |
| Product weight | 410.00 g |




LN COMP HO 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 | Power cable/Plug |
| 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)

## Control gear

| | |
|---|---|
| Output current | 220 mA |

## Certificates & Standards

| | |
|---|---|
| Standards | CE / CB / TÜV SÜD / EAC / EPD |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |
| EPD | LEDV-00005-V01.01-EN |

## EQUIPMENT / ACCESSORIES

- Equipped with power plug, cable connector and line adapter for connecting further luminaires
- Mounting material for wall and ceiling installations included

## Safety advice

- All electrical connections must be made by a qualified person.
- 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.


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## DOWNLOAD DATA

| | Documents and certificates | Document name |
|---|---|---|
| PDF | User instruction / safety instructions | Linear_Compact_Switch_UI |
| PDF | On-Pack-Info | Legal Insert Linear Compact |
| PDF | Legal information | LS Insert LN COMP HO and SWITCH |
| PDF | Legal information | Informationstext 18 Abs 4 ElektroG |
| PDF | Legal information | Safety Insert G11218810 |
| PDF | Legal information | Legal Insert G11231524 |
| PDF | Declarations of conformity | Attestation of Conformity Linear Comp |
| PDF | Declarations of conformity | EU Declaration of Conformity Linear Comp Switch and HO LEDV |
| PDF | Declarations of conformity UKCA | LN COMP HO |
| PDF | EPD | EPD EN LINEAR COMPACT HIGH OUTPUT |

| | Photometric and lighting design files | Document name |
|---|---|---|
| IES | IES file (IES) | LN COMP HO 1200 20W 3000K IP20 |
| LDT | LDT file (Eulumdat) | LN COMP HO 1200 20W 3000K IP20 |
| ULD | ULD file (DIALux) | LINEARCOMPACTHIGHOUTPUT120020W3000K |
| ROLF | ROLF file (RELUX) | LN COMP HO 1200 |
| | UGR file (UGR table) | LN COMP HO 1200 20W 3000K IP20 |
| | Light distribution curve type polar | LN COMP HO 1200 20W 3000K IP20 |

| | CAD/BIM files | Document name |
|---|---|---|
| RFA | BIM Revit 3D | Linear Compact |


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| | CAD/BIM files | Document name |
|---|---|---|
| | CAD STEP 3D | LN COMP HO 1200 |

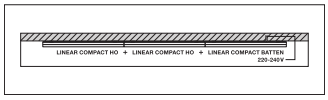
| | Tender texts | Document name |
|---|---|---|
| | Tender documents | LINEAR COMPACT HIGH OUTPUT 1200 20 W 3000 K-EN |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075106314 | Folding box<br>1 | 1,380 mm x 40 mm x 30 mm | 525.00 g | 1.66 $dm^3$ |
| 4058075106321 | Shipping box<br>25 | 1,418 mm x 233 mm x 180 mm | 11760.00 g | 59.47 $dm^3$ |

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

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