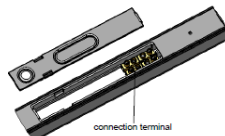


LUM – Technical Information

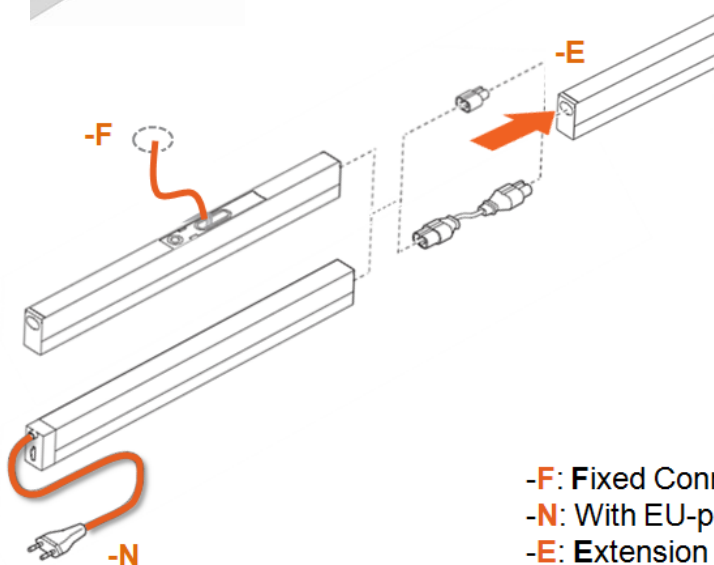
LUMILUX® COMBI LED-N 10/18W 3000K



LUMILUX® COMBI LED-F 10/18W 3000//4000K



LUMILUX® COMBI LED-E 18W 3000//4000K



- F: Fixed Connection
- N: With EU-plug and switch
- E: Extension for -F and -N

Tender text

LUMILUX® Combi LED-N

- Linear LED Batten Luminaire with integrated switch and 1,8m cable with EU-Plug
- Integrated Control Gear, small cross section
- Anodized Aluminum body and frosted diffuser
- Extendable with LUMILUX® Combi LED-E
- Protection class II; IP 20; P= 10/18W; U = 220...240V; 50/60 Hz; 3 steps Binning

LUMILUX® Combi LED-F

- Linear LED Batten Luminaire for fixed connection
- Easy to install directly at cable outlets via cable entry on the backside
- Integrated Control Gear, small cross section
- Anodized Aluminum body and frosted diffuser
- Extendable with LUMILUX® Combi LED-E
- Protection class II; IP 20; P= 10/18W; U = 220...240V; 50/60 Hz; 3 steps Binning

LUMILUX® Combi LED-E

- Extension Luminaire for LUMILUX® Combi LED -N and -F
- For lightbands without gaps or dark spots up to 15,6 Meters (13 pcs. total)
- Particularly easy and fast interconnection system with rigid and flexible interconnector
- Integrated Control Gear, small cross section
- Anodized Aluminum body and frosted diffuser
- Extendable with LUMILUX® Combi LED-E
- Protection class II; IP 20; P= 18W; U = 220...240V; 50/60 Hz; 3 steps Binning

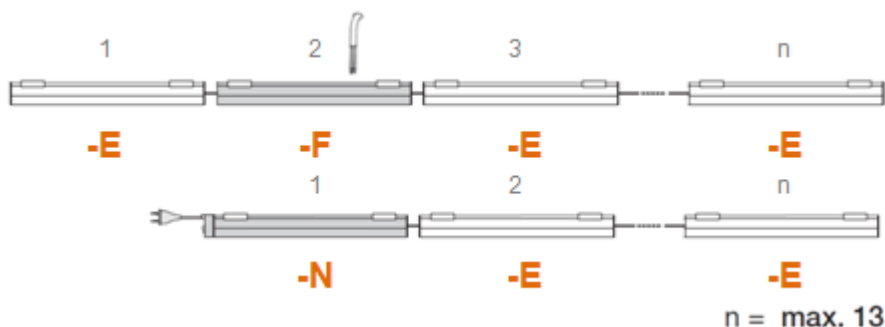


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A) Technical Information

1) Housing, Mounting and Accessories

Product name	LUMILUX® COMBI LED-N	LUMILUX® COMBI LED-F	LUMILUX® COMBI LED-E
Body material	Aluminum	Aluminum	Aluminum
Color of the luminaire (RAL)	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum
Cover material	PC	PC	PC
Type of cover	diffuser	diffuser	diffuser
Reflector material	PC / Aluminum	PC / Aluminum	PC / Aluminum
Adjustable	no	no	no
With on/off switch	yes	no	no
Length l [mm]	10W: 605 18W: 1205 (see mounting length)	10W: 580 18W: 1180 (see mounting length)	18W: 1180 (see mounting length)
Width b [mm]	25	25	25
Height h [mm]	44	44	44
Cable penetration e [mm]	1700	---	250 (interconnection cable)
Type of connection	EU-Plug	fix installation	interconnection

Product name	LUMILUX® COMBI LED-N	LUMILUX® COMBI LED-F	LUMILUX® COMBI LED-E
Mounting type	surface	surface	surface
Mounting length [mm]	10W: 620 18W: 1220	10W: 580 18W: 1180	1180 (+ length of interconnection cable/adaptor)
Mounting width [mm]	25	25	25
Mounting height [mm]	44	44	44
Net weight [g]	10W: 495 18W: 775	10W: 390 18W: 670	670
Protection class	class II	class II	class II
Type of protection (IP code)	IP 20	IP 20	IP 20
Ambient temperature [°C]	-20 - 40 °C	-20 - 40 °C	-20 - 40 °C
Storage temperature [°C]	-30°C - 80°C	-30°C - 80°C	-30°C - 80°C
Approval marks	CE	CE	CE
Accessory	mounting Kit	mounting Kit	interconnection cable; interconnection adaptor; mounting Kit

2) Electrical Installation

LUMILUX® Combi LED-N: connection to mains plug
 LUMILUX® Combi LED-E: fixed connection via terminal
 LUMILUX® Combi LED-E: Interconnection for the above

Connect to the grid in accordance with national regulations

Product name	LUMILUX® COMBI LED-N	LUMILUX® COMBI LED-F	LUMILUX® COMBI LED-E
Nominal wattage [W]	10 / 18	10 / 18	18
Mains voltage [V]	220 ... 240	220 ... 240	220 ... 240
Rated current [A]	0,05 / 0,08	0,05 / 0,08	0,08
Mains frequency [Hz]	50/60 Hz	50/60 Hz	50/60 Hz
Power Factor	0,9 / 0,95	0,9 / 0,95	0,95
Stand By	---	---	---

3) Optical features

Product name	LUMILUX® COMBI LED-N	LUMILUX® COMBI LED-F	LUMILUX® COMBI LED-E
Equipped with Lamp	10W : 30 LED 18W: 60 LED	10W : 30 LED 18W: 60 LED	18W: 60 LED
Lamp / LED type	Mid-power LED	Mid-power LED	Mid-power LED
Number of lighting outlets	1	1	1
Beam angle [°]	120	120	120
Lifetime lamp / LED	>35.000h	>35.000h	>35.000h
Light color	3000K: warm white 3 steps binning	3000K: warm white 4000K: cool white 3 steps binning	3000K: warm white 4000K: cool white 3 steps binning
Color rendering index (CRI)	>80	>80	>80
Beam angle [°]	120	120	120
Luminous flux [lm]	10W: 930 18W: 1800	3000K: 10W: 930 18W: 1800 4000K: 10W: 980 18W: 1850	3000K: 1800 4000K: 1850
Efficacy [lm/W]	3000K: 10W: 93 18W: 100	3000K: 10W: 93 18W: 100 4000K: 10W: 98 18W: 105	3000K: 100 4000K: 105

4) Control

Product name	LUMILUX [®] COMBI LED-N	LUMILUX [®] COMBI LED-F	LUMILUX [®] COMBI LED-E
Ballast / Control gear	Built in driver	Built in driver	Built in driver
Communication interface	---	---	---
Permissible sinusoidal operating voltage [V _{AC}]	198 - 264	198 - 264	198 - 264
Secondary voltage [V _{OUT}]	10W: 38 – 47 18W: 50 – 62	10W: 38 – 47 18W: 50 – 62	10W: 38 – 47 18W: 50 – 62
const. current [mA]	10W: 200 18W: 300	10W: 200 18W: 300	18W: 300
Dimmable	no	no	no
Through-wiring	Extendable with LUMILUX [®] Combi LED-E	Extendable with LUMILUX [®] Combi LED-E	Extension for LUMILUX [®] Combi LED -N and -E
Energy Efficiency Index EEI	---	---	---

B) Logistic Data

Product reference	Product number (EAN 10)	Color	Light color or Wattage	SU
LUMILUX [®] Combi LED-N 10W 3000K	4052899932739	silver / white	warm white	2x1
LUMILUX [®] Combi LED-N 18W 3000K	4052899932814	silver / white	warm white	2x1
LUMILUX [®] Combi LED-F 10W 3000K	4052899932753	silver / white	cool white	2x1
LUMILUX [®] Combi LED-F 10W 4000K	4052899932777	silver / white	cool white	2x1
LUMILUX [®] Combi LED-F 18W 3000K	4052899932838	silver / white	warm white	2x1
LUMILUX [®] Combi LED-F 18W 4000K	4052899932852	silver / white	cool white	2x1
LUMILUX [®] Combi LED-E 18W 3000K	4052899932791	silver / white	warm white	2x1
LUMILUX [®] Combi LED-E 18W 4000K	4052899932876	silver / white	cool white	2x1