LED Insert BT900 3K DALI DIF

LED LIGHTING INSERT, GEAR TRAY, DIFFUSE OPTICS

Product code **221667**

- For professional refurbishment of luminaires with T5 or T8 fluorescent tubes
- Universal use for all lighting tasks
- Excellent efficiency and durability
- Connect accessories available with powerful IoT lighting control for next-generation lighting projects (swarm function, grouping, cleaning light, etc.)
- Magnetic attachment for easy and quick mounting
- 2 power classes, 4 lengths and 3 light colors available
- Built-in LED driver, optionally DALI or ON-OFF

861 x 38 x 63.5 mm



LED Insert BT900 3K DALI DIF

LED LIGHTING INSERT, GEAR TRAY, DIFFUSE OPTICS

Product code **221667**

Technical Data

IDENTIFICATION

Variant	**1 tube**
Version	**Standard**
Model	**900 mm**

DIMENSIONS

Dimensions L × W × H	**861 x 38 x 63.5 mm**

ELECTRICAL

Mains connection	**220…240 V / 50 – 60 Hz**
Power	**21.8 W**
Replaceable driver	**Yes**
Type of wiring	**Suitable for through wiring**
LED rated current	**300 mA**

SENSOR TECHNOLOGY

With motion detector	**No**

CONNECTIVITY

Control technology	**Dali-Leuchte**
Networking via	**DALI 2**

LIGHTING TECHNOLOGY

Colour temperature	**3000 K**
Colour rendering index	**80-89**
Illuminant	**LED**
Luminous flux	**2710 lm**
Beam angle	**120°**
Luminaire luminous efficacy	**124 lm/W**

LIFETIME

LED lifespan (25 °C)	**72000 h**

SETTINGS

DALI dimming	**Yes**
With emergency light	**No**
Suitable for light band configuration	**Yes**

HOUSING & MATERIAL

Protection class (IP)	**IP20**
Protection class	**I**
Ambient temperature	**-25…55 °C**
Housing material	**Aluminum**
Cover material	**PMMA**
Mounting type	**lighting insert**
Colour	**Aluminum**
With gear tray	**Yes**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**5 years**

CERTIFICATES & EPREL

EPREL energy efficiency class	**D**

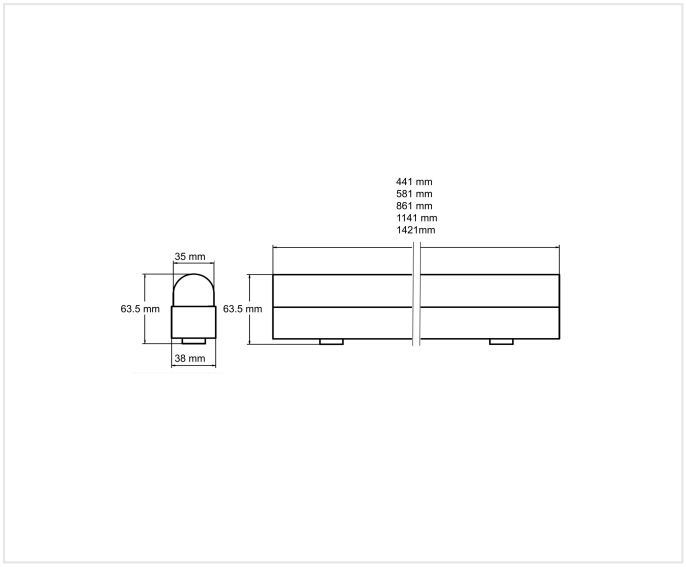
LED Insert BT900 3K DALI DIF

LED LIGHTING INSERT, GEAR TRAY, DIFFUSE OPTICS

Product code **221667**

Illustrations

TECHNICAL DRAWINGS



861 x 38 x 63.5 mm

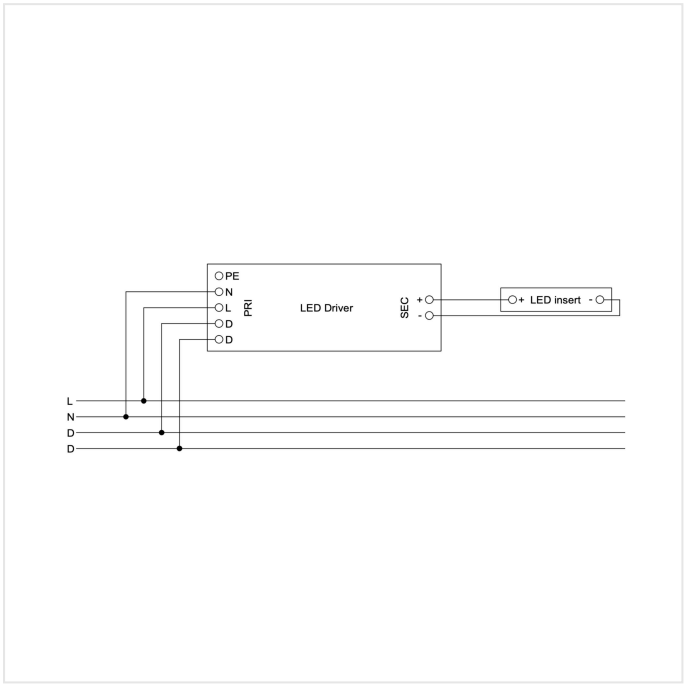
LED Insert BT900 3K DALI DIF

LED LIGHTING INSERT, GEAR TRAY, DIFFUSE OPTICS

Product code **221667**

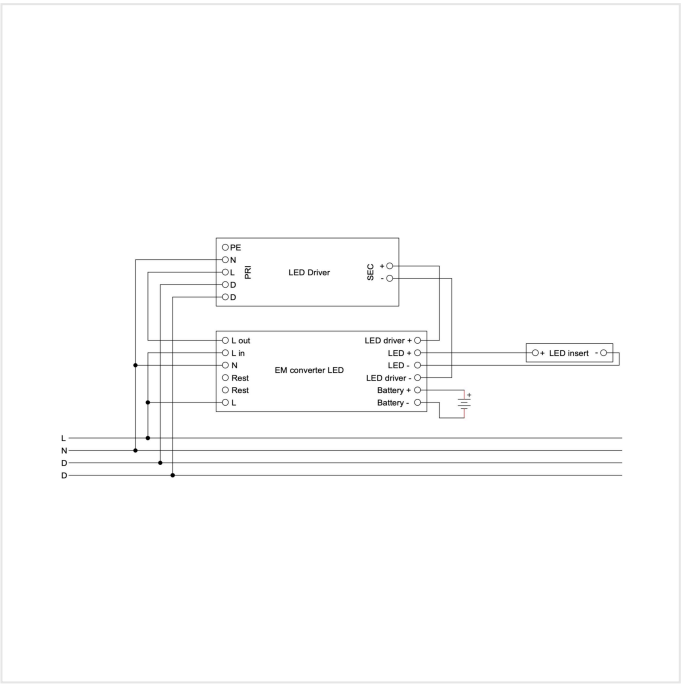
Wiring Diagrams

WIRING DIAGRAM 1



Wiring diagram

WIRING DIAGRAM 2



Wiring diagram Self-contained Emergency light

LED Insert BT900 3K DALI DIF

LED LIGHTING INSERT, GEAR TRAY, DIFFUSE OPTICS

Product code **221667**

Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	221935	**Connect Smartlink HF3 Astra PSU**	Connect accessories for DALI luminaires
	220688	**Emergency Package 1h (250V/3.5W)**	Self-contained emergency lighting with self-test function
	221965	**LED Insert M-Set 2SK**	Mounting set LED Insert, 2 metal discs and screws, 2 adhesive pads
	221966	**LED Insert M-Set 2S**	Mounting set LED Insert, 2 metal discs and screws
	221967	**LED Insert BT M-Set K**	Mounting set LED Insert BT, 2 brackets

ORDERING INFORMATION

Art.-Nr.	221667
Typ	**LED Insert BT900 3K DALI DIF**

nevalux AG
Neugrütstrasse 2
8610 Uster
+41 44 508 78 78
info@nevalux.swiss