



## DOT

**Downlight with housing made of sheet steel and cover in high type of protection made of polyhydroxyalkanoate (PHA), a biopolyester overpaintable with wall paint.** One pair of high-power LEDs with light guidance through special lenses. Double optic in one luminaire – through a simple turn of the high-power LEDs either asymmetrical shining light distribution (illumination of escape routes with 1 lx) or symmetrical shining light distribution (illumination of areas with 0.5 lx).

Version for recessed ceiling mounting

### MOUNTING TYPES



### TECHNICAL DATA

<b>Housing:</b>	Sheet steel, white (RAL 9010)	<b>Color stability:</b>	3 SDCM
<b>Cover:</b>	PHA, white (RAL 9003)	<b>Color temperature:</b>	4.000 K
<b>Lenses:</b>	PMMA, transparent	<b>Color rendering index:</b>	70
<b>Type of protection:</b>	IP65 (cover) IP20 (backside, equipment housing)	<b>Optic interface:</b>	LIFE
<b>Service life L<sub>80</sub>B<sub>20</sub>:</b>	50.000 h		



**Commissioning - LIFE:** For Autotest, operating duration, operating mode PS, monitoring group and test duration are only programmable per app B.connect over smartphone locally on luminaire.

### SELF-CONTAINED SUPPLY

<b>Mains supply:</b>	198 V – 254 V / 50 Hz
<b>Switching:</b>	Maintained and non-maintained or non-maintained
<b>Ambient temperature:</b>	0 °C to +40 °C
<b>Protection class:</b>	I

### DECENTRAL SUPPLY

<b>Mains supply:</b>	24 V +/- 20 % DC
<b>Battery supply:</b>	24 V +/- 20 % DC
<b>Ambient temperature:</b>	-20 °C to +40 °C
<b>Protection class:</b>	III

### CENTRAL SUPPLY

<b>Mains supply:</b>	198 V – 254 V / 50 Hz
<b>Battery supply:</b>	176 V – 276 V
<b>Ambient temperature:</b>	-20 °C to +40 °C
<b>Protection class:</b>	I
<b>Mains supply (alt.):</b>	90 V – 254 V / 50/60 Hz
<b>Battery supply (alt.):</b>	90 V – 276 V

Variant



<b>LIFE</b>	240 lm
<b>LIFE ECO</b>	-
<b>Sicuro24 / Sicuro230</b>	550 lm

### FORMULAS FOR CALCULATION OF THE RESPECTABLE LIGHT FLUX IN MAINS AND BATTERY OPERATION

Ideational light flux of luminaire in mains operation [%] = 100 %

Respectable light flux of luminaire in mains operation [lm] =

$$\text{Respectable light flux of luminaire in mains operation [\%]} \times \frac{\text{Ideational light flux of luminaire in mains operation [lm]}}{100 \%}$$

Ideational light flux of luminaire in battery operation [%] = 100 %

Respectable light flux of luminaire in battery operation [lm] =

$$\text{Respectable light flux of luminaire in battery operation [\%]} \times \frac{\text{Ideational light flux of luminaire in battery operation [lm]}}{100 \%}$$

# LIFE SELF-CONTAINED SUPPLY

10 YEARS GUARANTEE

Autotest / CableCom Order code	Logica Order code	Logica FM Order code	LED	$\Phi=$ 1 h	$\Phi=$ 3 h	$\Phi=$ 8 h		S~
Recessed ceiling mounting for escape route and area illumination								
19711	19711+15036 <sup>1</sup>	19711+15037 <sup>1</sup>	2	550 lm	200 lm	100 lm	LIFE 6.4 V / 1.5 Ah	8 VA

# LIFE ECO SELF-CONTAINED SUPPLY

5 YEARS GUARANTEE

Autotest Order code	Logica Order code	Logica FM Order code	LED	$\Phi=$ 1 h	$\Phi=$ 3 h	$\Phi=$ 8 h		S~
Recessed ceiling mounting for escape route and area illumination								
19712 <sup>3</sup>	19712 <sup>3</sup>	19712+19375 <sup>2,3</sup>	2	1.000 lm	400 lm	150 lm	LIFE 12.8 V / 1.5 Ah	12.5 VA

# SICURO<sup>LED</sup> DECENTRAL SUPPLY

Sicuro24 Order code	LED	$\Phi=$ 4	P=
Recessed ceiling mounting for escape route and area illumination			
17881	2	550 lm	4.1 W

# SICURO<sup>LED</sup> CENTRAL SUPPLY

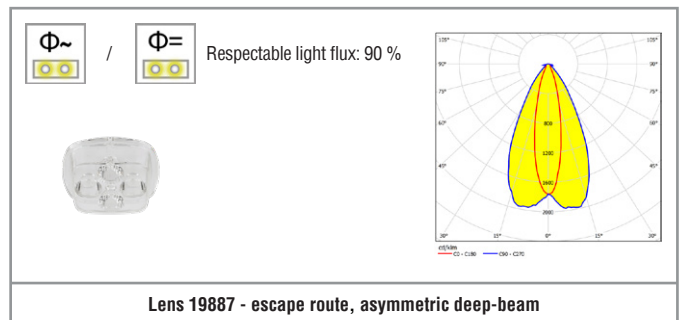
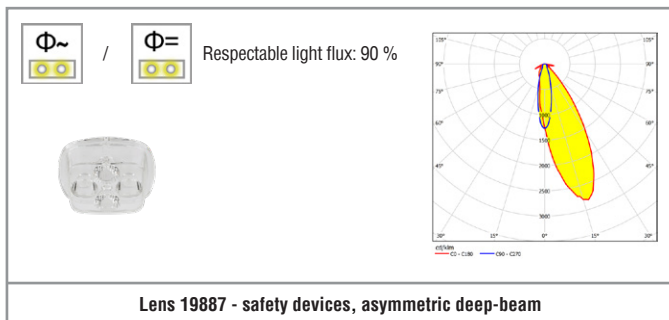
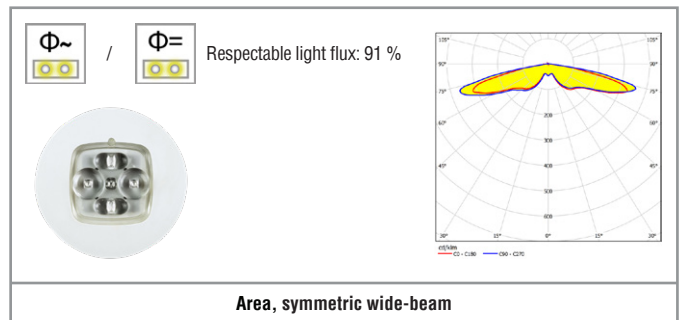
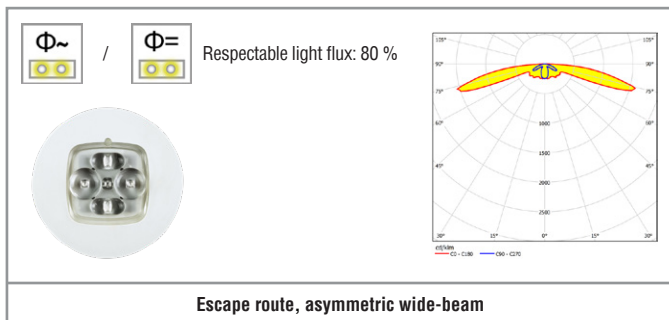
Sicuro230 Order code	LED	$\Phi=$ 4	S~	P=
Recessed ceiling mounting for escape route and area illumination				
17880	2	550 lm	9.4 VA / 4.7 W	

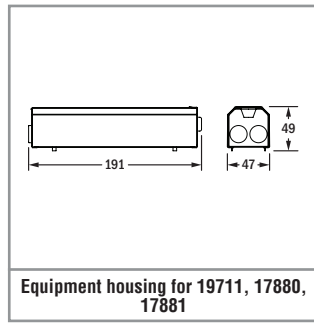
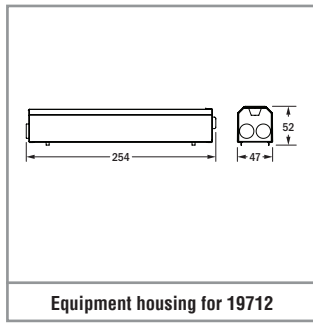
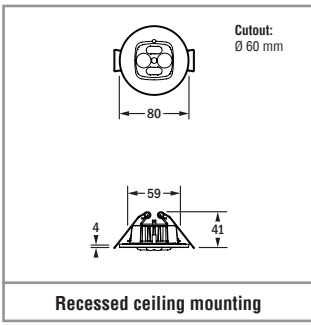
<sup>1</sup> Please order Logica interface (15036) and Logica FM interface (15037) separately.

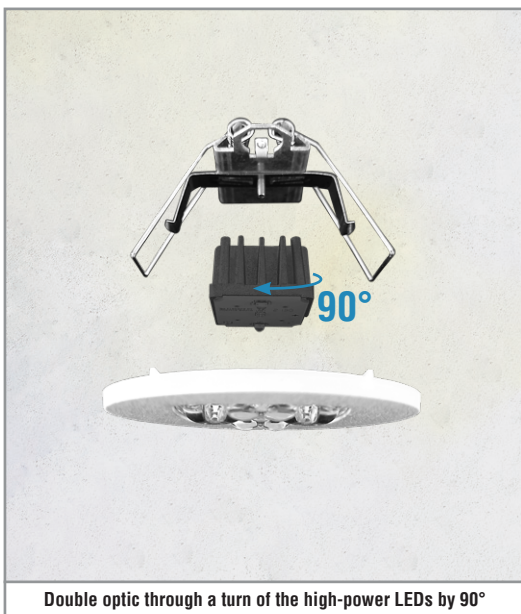
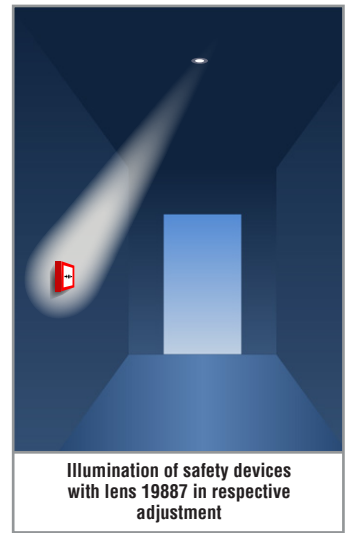
<sup>2</sup> Please order Logica FM interface (19375) separately.

<sup>3</sup> With LIFE ECO inverter module 19391, only for non-maintained mode.

<sup>4</sup> Ideational light flux of 100 %. Corresponds to no adjustable / programmable value.







Please order accessories separately

Order code	Description
15036	Logica interface for 19711
15037	Logica FM interface for 19711
15038	DALI interface for 19711 (for connection to DALI central of the general and safety lighting)
19375	Logica FM interface for 19712
19887	Asymmetrical shining lens for illumination of safety devices with 5 lx as well as for illumination of escape routes with 1 lx at mounting heights of 7 m (through turn of the high-power LEDs)