20 m	30 m	LED		*
IP40	IP65 *	IK03	IK07	
EN 1838	EN EC			

NexiTech LED

- Safety or exit sign luminaire with LED technology
- Combined version "Door" specific for emergency exits's illumination
- Numerous knock-outs for cable entries and double terminal for through-wiring
- Minimum service requirement due to high service life of the LEDs (50.000 hours)

NexiTech LED Standard indoor version IP40
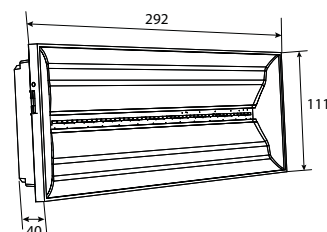

NexiTech LED with IP65 protection kit

Viewing distance	20 m (single sided), 30 m (double-sided)
Luminous flux Φ_{NOM}	250 lm, 500lm , 250+30 lm (Versione Door)
Luminous flux Φ_E/Φ_{NOM} at the end of rated operating time	100%
Housing material	Polycarbonate (850° glow wire resistant)
Housing colour	White
Weight	0.45 kg
Type of mounting	Wall and ceiling mounting, surface of recessed installation in false ceiling and bricks wall
Connection terminals	Quick plug in terminals up to 2.5 mm² for rigid and flexible cable
Connection voltage	110 – 240 V AC, 50/60 Hz 110 – 240 V DC
Power consumption mains operation	250lm: 3.45 W 500lm: 6.9 W Door: 3.45 W
Permissible ambient temperature	-10 °C to +40 °C
Light source	29 LED (250lm), 60 LED (500lm), 29+2 LED (Door)

NexiTech LED with double side panel

Ordering details

Type	Order No.
Universal application safety and exit sign luminaire with 250lm of luminous flux, including LED-supply	NEXI250-230
Universal application safety and exit sign luminaire with 250lm of luminous flux, IP65, IK07, including LED-supply	NEXI250-230-IP
Universal application safety and exit sign luminaire with 500lm of luminous flux, including LED-supply	NEXI500-230
Universal application safety and exit sign luminaire with 500lm of luminous flux, IP65, IK07, including LED-supply	NEXI500-230-IP
Combined luminaire specific for emergency exits's illumination, including LED-supply, without pictograms	NEXI-D-230

Single side glue-less pictogram
Order No. NEXI-PICTO-x

Ordering details - single side pictograms

Type		Order No.
Single sided pictograms with 20 m viewing distance		
Single sided glue-less pictogram DOWN, ISO7010	↓🏃	NEXI-PICTO-D
Single sided glue-less pictogram LEFT, ISO7010	←🏃	NEXI-PICTO-L
Single sided glue-less pictogram RIGHT, ISO7010	🏃→	NEXI-PICTO-R
Single sided glue-less pictogram UP, ISO7010	↑🏃	NEXI-PICTO-U

Accessories

Type	Order No.
IP65 Protection kit *)	NEXI-IP
45° Wall Bracket (IP40/IP65)	NEXI-WB45
90° Wall Bracket (IP40/IP65)	EL-BR1
Bricks wall recessed base (cut-out 277x100 mm)	NEXI-RB
False ceiling adapter (cut-out 272x95 mm)	NEXI-FC
Design frame NexiTech LED	NEXI-FR

Dimensions in mm

292
111
40

* Use NEXI-IP accessory to transform IP40 variant into IP65. Order new product, e.g. NEXI250-230-IP for IP65 luminaire
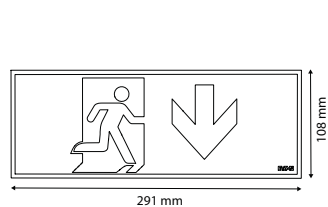
Nexi LED + design frame + Edge light panel

Ordering details - Double side panels with additional light output for escape route lighting, High Uniformity, complying with EN1838, suitable for Nexi LED IP40 versions

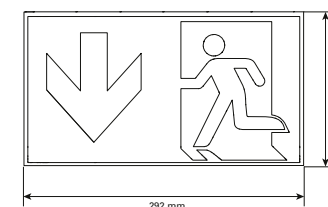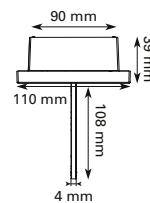| Type		Order No.
NEXI PANEL OPAL 30 D-B ISO High Uniformity, 30m, Down/Blank		NEXI-PLEXO-DB
NEXI PANEL OPAL 30 D-D ISO High Uniformity, 30m, Down/Down		NEXI-PLEXO-DD
NEXI PANEL OPAL 30 L-R ISO High Uniformity, 30m, Left/Right		NEXI-PLEXO-LR
NEXI PANEL OPAL 30 U-B ISO High Uniformity, 30m, Up/Blank		NEXI-PLEXO-UB
NEXI PANEL OPAL 30 U-U ISO High Uniformity, 30m, Up/Up		NEXI-PLEXO-UU
NEXI PANEL OPAL 20 D-B ISO High Uniformity, 20m, Down/Blank		NEXI-PLEXO-20-DB
NEXI PANEL OPAL 20 D-D ISO High Uniformity, 20m, Down/Down		NEXI-PLEXO-20-DD
NEXI PANEL OPAL 20 L-R ISO High Uniformity, 20m, Left/Right		NEXI-PLEXO-20-LR
NEXI PANEL OPAL 20 U-B ISO High Uniformity, 20m, Up/Blank		NEXI-PLEXO-20-UB
NEXI PANEL OPAL 20 U-U ISO High Uniformity, 20m, Up/Up		NEXI-PLEXO-20-UU

Ordering details - Double side panels, High Uniformity, complying with EN1838, suitable for Nexi LED IP40 versions

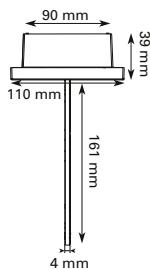| Type		Order No.
NEXI PANEL 20 D-B ISO High Uniformity, 20m, Down/Blank		NEXI-PLEX-20-DB
NEXI PANEL 20 D-D ISO High Uniformity, 20m, Down/Down		NEXI-PLEX-20-DD
NEXI PANEL 20 L-R ISO High Uniformity, 20m, Left/Right		NEXI-PLEX-20-LR
NEXI PANEL 20 U-B ISO High Uniformity, 20m, Up/Blank		NEXI-PLEX-20-UB
NEXI PANEL 20 U-U ISO High Uniformity, 20m, Up/Up		NEXI-PLEX-20-UU
NEXI PANEL 30 D-B ISO High Uniformity, 30m, Down/Blank		NEXI-PLEX-DB
NEXI PANEL 30 D-D ISO High Uniformity, 30m, Down/Down		NEXI-PLEX-DD
NEXI PANEL 30 L-R ISO High Uniformity, 30m, Left/Right		NEXI-PLEX-LR
NEXI PANEL 30 U-B ISO High Uniformity, 30m, Up/Blank		NEXI-PLEX-UB
NEXI PANEL 30 U-U ISO High Uniformity. 30m, Up/Up		NEXI-PLEX-UU

* Use NEXI-IP accessory to transform IP40 variant into IP65. Order new product, e.g. NEXI250-CGS-IP for IP65 luminaire
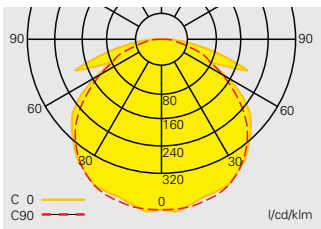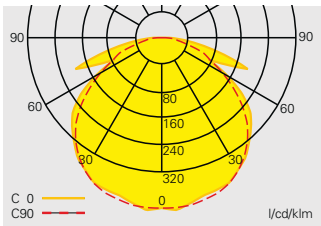

Nexi LED 20m viewing distance

Nexi LED 30m viewing distance

Light distribution curve NexiTech LED CG-S

Light distribution curve NexiTech LED

False ceiling adapter
Order No. NEXI-FC

Recessed base for bricks wall
Order No. NEXI-RB

IP65 protection kit - 308x125x53 mm

NexiTech LED DOOR CG-S
Detail of additional LEDs

4

Planning assistance for NEXI250-CGS for E = 1.0 lx (0.5 lx)
Measuring height 0.02 m, maintenance factor MF= 80%, battery operation

Mounting height [m]	Types of mounting	L1	L2	L3	L4
2.5	Ceiling mounting	3.0 (3.7)	8.1 (9.7)	2.8 (3.3)	8.2 (9.8)
3.0	Room illumination	3.1 (4.0)	8.7 (10.8)	3.0 (3.3)	8.7 (10.7)
3.5		3.1 (4.1)	9.2 (11.5)	3.1 (3.6)	9.3 (11.5)
4.0		3.1 (4.2)	9.7 (12.1)	3.2 (3.9)	9.8 (12.0)
4.5		3.1 (4.2)	10.2 (12.7)	3.1 (4.0)	10.2 (12.6)
5.0		3.2 (4.1)	10.6 (13.1)	3.1 (4.2)	10.5 (13.3)
5.5		3.0 (4.2)	10.9 (13.7)	3.1 (4.2)	10.9 (13.7)
6.0		2.9 (4.3)	11.2 (14.2)	3.0 (4.1)	11.1 (14.1)
6.5		2.7 (4.2)	11.4 (14.6)	2.9 (4.2)	11.4 (14.5)
7.0		2.5 (4.1)	11.6 (14.9)	2.7 (4.2)	11.5 (15.0)

Planning assistance for NEXI500-CGS for E = 1.0 lx (0.5 lx)
Measuring height 0.02 m, maintenance factor MF= 80%, battery operation

Mounting height [m]	Types of mounting	L1	L2	L3	L4
2.5	Ceiling mounting	3.7 (4.5)	9.7 (11.4)	3.3 (4.0)	9.8 (11.3)
3.0	Room illumination	4.0 (4.7)	10.8 (12.7)	3.3 (4.1)	10.7 (12.6)
3.5		4.1 (5.1)	11.5 (13.8)	3.6 (4.3)	11.4 (13.7)
4.0		4.2 (5.3)	12.1 (14.8)	3.9 (4.5)	12.0 (14.8)
4.5		4.1 (5.4)	12.5 (15.6)	4.2 (4.7)	12.8 (15.6)
5.0		4.3 (5.5)	13.2 (16.3)	4.2 (5.0)	13.1 (16.4)
5.5		4.3 (5.6)	13.7 (16.9)	4.2 (5.3)	13.6 (16.9)
6.0		4.3 (5.6)	14.1 (17.4)	4.3 (5.5)	14.1 (17.6)
6.5		4.3 (5.8)	14.6 (18.1)	4.2 (5.5)	14.5 (18.0)
7.0		4.2 (5.7)	14.9 (18.5)	4.3 (5.7)	14.9 (18.7)
7.5		4.1 (5.8)	15.2 (19.1)	4.3 (5.7)	15.3 (19.1)
8.0		4.0 (5.8)	15.6 (19.6)	4.1 (5.7)	15.5 (19.6)
8.5		3.9 (5.8)	15.8 (20.0)	4.1 (5.8)	15.8 (20.0)
9.0		3.7 (5.8)	16.1 (20.5)	3.9 (5.7)	16.0 (20.4)
9.5		3.5 (5.7)	16.3 (20.9)	3.7 (5.7)	16.2 (20.8)
10.0		3.2 (5.7)	16.4 (21.2)	3.6 (5.7)	16.4 (21.2)

NexiTech LED CG-S - Version DOOR

The combined version "Door" of NexiTech LED CG-S allows to get two functions in one luminaire: single-side exit sign with 20 m viewing distance and safety lighting for emergency door as requested by standard EN1838.

In addition to the main LEDs used for backlighting of the pictogram, NexiTech LED Door CG-S has 2 additional LEDs on the bottom of the luminaire for the lighting of emergency exit in accordance with the regulatory requirements.

Illuminance values NexiTech LED Door CG-S
Workplane H 1m. Luminaire installation height H 2,3m, environment height 3m