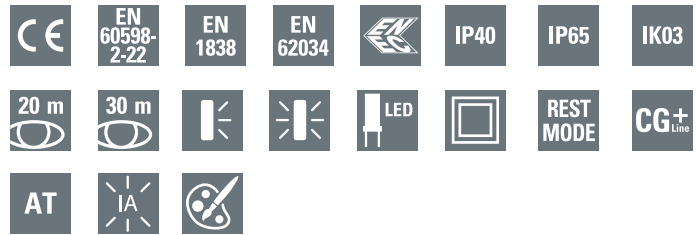


3.1

Safety & exit signs - Indoor

NexiTech LED

3



- From 100 to 800lm output flux
- Comparable to 8, 11 and 24W fluorescent lamp
- Ni-Cd HT high quality batteries

Light Source:

LED strip

The modern style, the simplicity of the shapes and the high quality surfaces make NexiTech LED ideal for any architectural context, while the precision of the mechanics and the sophisticated electronics guarantee a full unmatched reliability. The latest generation of LED light source provides a good and uniform light distribution.

Material:

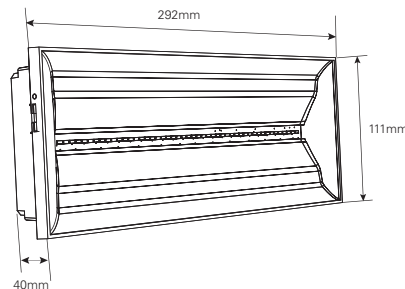
Base and reflector white polycarbonate
 Diffuser clear polycarbonate
 Protection degree IP40 and IP65 with the accessory kit
 Ni-Cd battery

The wide range of accessories allows installation on a wall or ceiling, surface or recessed in indoor and harsh environments, thanks to the IP65 protection kit. It is also possible to use it as single or double-sided exit sign and to combine exit and safety lighting functions in one product.

This range is composed of maintained and non-maintained variants, 1/1.5/3h duration versions, from 100lm up to 800lm light output. The use of LEDs, automatic testing and monitoring devices (CGLine+) significantly reduce the operating and maintenance costs of the installation.

Installation options:

Wall and ceiling mounting
 Surface or recessed installation in false ceiling and bricks wall
 Single side glue-less ISO7010 pictograms with 20m viewing distance
 Double side ISO7010 panels with 20 or 30m of viewing distance



Operation:

Maintained and Non-Maintained mode on all version
 Fixed 60lm output in Maintained mode for all variants for high energy saving
 1h, 1.5h and 3h duration
 Rest Mode and Tests via remote command
 12h recharge period (24h for 3h versions)

Autotest is now for all

The reliability and the guarantee of operation are now within everyone's reach. We chose to design NexiTech LED starting directly from models with built-in diagnostic functions, all the self-contained versions (with battery on board) are equipped with a self-test system that performs automatic tests in accordance with standard EN62034 and EN50172.

Top level signalization

The pictograms, optional and available upon request, conform to the international standard ISO7010, have no glue and can be repositioned at will and with ease, without a complex installation. They are placed between the diffuser and reflector creating a translucency which finds its maximum aesthetic applications when recessed into the wall.

Applications:

Schools, universities, commercial malls, stores, offices, public administration and all indoor generic environments
 Safety antipanic lighting and escape route lighting
 Hi-bay environments



NexiTech LED with IP65 protection kit

The IP65 kit is compatible with all the variants.
 Only surface mounting. Dimension 308x125x53 mm



NexiTech LED in the combined version "Door" allows for 2 functions in one device: safety light, with viewing distance of 20m and emergency lighting with 5lx on the floor.



With double-side pictograms



Viewing distance: 20 or 30m

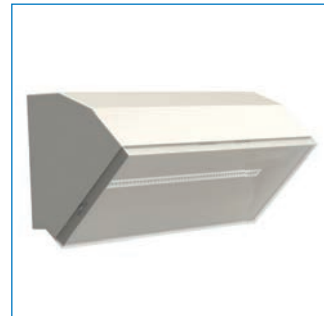
With single-side pictograms



Nexi pictograms don't stick, but are placed behind transparent diffuser.

Viewing distance: 20m

45° Wall Bracket (IP40/IP65)



Light the floor from the wall







NexiTech LED frame



Order code	Description					
NEXI100-AT	NexiTech LED 100 1.5h Auto Test	0.65 W - 2.4 W	100 Lm	1.5h	3.6V - 0.8Ah Ni-Cd	Non-Maintained
NEXI100-3H-AT	NexiTech LED 100 3h Auto Test	1.3 W - 3.1 W	100 Lm	3h	3.6V - 2.0Ah Ni-Cd	Non-Maintained
NEXI100-AT-IP	NexiTech LED 100 1.5h IP65 Auto Test	0.65 W - 2.4 W	100 Lm	1.5h	3.6V - 0.8Ah Ni-Cd	Non-Maintained
NEXI150-AT	NexiTech LED 150 1h Auto Test	0.65 W - 2.4 W	150 Lm	1h	3.6V - 0.8Ah Ni-Cd	Maintained / Non-Maintained
NEXI150-3H-AT	NexiTech LED 150 3h Auto Test	1.3 W - 3.1 W	150 Lm	3h	3.6V - 2.0Ah Ni-Cd	Maintained / Non-Maintained
NEXI150-AT-IP	NexiTech LED 150 1h IP65 Auto Test	0.65 W - 2.4 W	150 Lm	1h	3.6V - 0.8Ah Ni-Cd	Maintained / Non-Maintained
NEXI250-AT	NexiTech LED 250 1.5h Auto Test	2.25 W - 3.6 W	250 Lm	1.5h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI250-3H-AT	NexiTech LED 250 3h Auto Test	2.25 W - 3.6 W	250 Lm	3h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI250-AT-IP	NexiTech LED 250 1.5h IP65 Auto Test	2.25 W - 3.6 W	250 Lm	1.5h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI400-AT	NexiTech LED 400 1.5h Auto Test	2.25 W - 3.6 W	400 Lm	1.5h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI400-AT-IP	NexiTech LED 400 1.5h IP65 Auto Test	2.25 W - 3.6 W	400 Lm	1.5h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI600-AT	NexiTech LED 600 1.5h Auto Test	2.25 W - 3.6 W	600 Lm	1.5h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI600-AT-IP	NexiTech LED 600 1.5h IP65 Auto Test	2.25 W - 3.6 W	600 Lm	1.5h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI1000-AT	NexiTech LED 1000/1h 800/1.5h Auto Test	2.25 W - 3.6 W	800 Lm	1h	7.2V - 2.0Ah Ni-Cd	Maintained / Non-Maintained
NEXI1000-AT-IP	NexiTech LED 1000/1h 800/1.5h IP65 Auto Test	2.25 W - 3.6 W	800 Lm	1h	7.2V - 2.0Ah Ni-Cd	Maintained / Non-Maintained
NEXI-D-AT	NexiTech LED Door 1.5h Auto Test	2.25 W - 3.6 W	250 Lm	1.5h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI150-CGL	NexiTech LED 150 1.5h CGLLine+	0.65 W - 2.4 W	150 Lm	1.5h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI150-CGL-IP	NexiTech LED 150 1.5h IP65 CGLLine+	0.65 W - 2.4 W	150 Lm	1.5h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI150-3H-CGL	NexiTech LED 150 3h CGLLine+	1.3 W - 3.1 W	150 Lm	3h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI150-3H-CGL-IP	NexiTech LED 150 3h IP65 CGLLine+	1.3 W - 3.1 W	150 Lm	3h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI300-3H-CGL	NexiTech LED 300 3h CGLLine+	2 W - 3.2 W	300 Lm	3h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI300-3H-CGL-IP	NexiTech LED 300 3h IP65 CGLLine+	2 W - 3.2 W	300 Lm	3h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI400-CGL	NexiTech LED 400 1.5h CGLLine+	2 W - 3.2 W	400 Lm	1.5h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI400-CGL-IP	NexiTech LED 400 1.5h IP65 CGLLine+	2 W - 3.2 W	400 Lm	1.5h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI1000-CGL	NexiTech LED 1000/1h 800/1.5h CGLLine+	2.25 W - 3.6 W	800 Lm	1h	7.2V - 2.0 Ah Ni-Cd	Maintained / Non-Maintained
NEXI1000-CGL-IP	NexiTech LED 1000/1h 800/1.5h IP65 CGLLine+	2.25 W - 3.6 W	800 Lm	1h	7.2V - 2.0 Ah Ni-Cd	Maintained / Non-Maintained

*Non maintained - Maintained

Increased Affordance versions

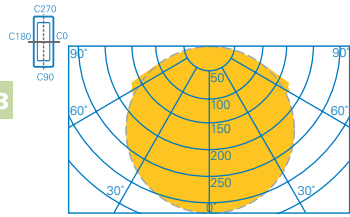
Order code	Description						
NEXI1HIA-CGL	NexiTech LED 1h IA CGLLine+ IP40	✓	2.5W - 4W	>500cd	1h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI3HIA-CGL-IP	NexiTech LED 3h IA CGLLine+ IP40	✓	2.5W - 4W	>500cd	3h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI1HIA-CGL-IP	NexiTech LED 1h IA CGLLine+ IP65	✓	2.5W - 4W	>500cd	1h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained
NEXI3HIA-CGL-IP	NexiTech LED 3h IA CGLLine+ IP65	✓	2.5W - 4W	>500cd	3h	7.2V - 1.7Ah Ni-Cd	Maintained / Non-Maintained

**50cd - 500cd

3.1

Safety & exit signs - Indoor

NexiTech LED



NexiTech, 100 lm

Escape route 2m wide 1 lux min

Mounting height [m]	Lux level directly under				
2,5	4,4	2,7	7,2	7,2	2,7
2,8	3,6	2,7	7,4	7,4	2,7
3,0	3,2	2,7	7,5	7,5	2,7
4,0	1,8	2,5	7,8	7,8	2,5

Open (anti-panic) area 0.5 lux min

Mounting height [m]	Lux level directly under				
2,5	4,4	3,1	7,5	7,5	3,1
2,8	3,6	3,2	7,9	7,9	3,2
3,0	3,2	3,3	8,1	8,1	3,3
4,0	1,8	3,4	9,1	9,1	3,4
5,0	1,1	3,1	9,6	9,6	3,1
6,0	0,8	2,7	10,2	10,2	2,7

Mounting height for 5 lux below 2 meters

NexiTech, 250 lm

Escape route 2m wide 1 lux min

Mounting height [m]	Lux level directly under				
2,5	10,1	3,9	10,0	10,0	3,9
2,8	8,4	4,0	10,6	10,6	4,0
3,0	7,4	4,1	10,8	10,8	4,1
4,0	4,5	4,3	10,8	10,8	4,3
5,0	2,8	4,0	11,3	11,3	4,0
6,0	1,9	3,7	11,4	11,4	3,7
7,0	1,4	2,9	11,2	11,2	2,9





Open (anti-panic) area 0.5 lux min

Mounting height [m]	Lux level directly under				
2,5	10,1	4,0	9,4	9,4	4,0
2,8	8,4	4,2	9,9	9,9	4,2
3,0	7,4	4,3	10,3	10,3	4,3
4,0	4,5	4,7	11,8	11,8	4,7
5,0	2,8	4,8	12,7	12,7	4,8
6,0	1,9	4,9	13,6	13,6	4,9
7,0	1,4	4,9	14,4	14,4	4,9





Mounting height for 5 lux below 3.9 meters

NexiTech, 400 lm

Escape route 2m wide 1 lux min

Mounting height [m]	Lux level directly under				
2,5	8,3	4,8	11,1	11,1	4,8
2,8	7,6	4,9	11,8	11,8	4,9
3,0	7,2	5,0	12,4	12,4	5,0
4,0	5,2	5,3	13,8	13,8	5,3
5,0	3,8	5,5	14,3	14,3	5,5
6,0	2,8	5,5	14,9	14,9	5,5





Open (anti-panic) area 0.5 lux min

Mounting height [m]	Lux level directly under				
2,5	8,3	4,6	10,6	10,6	4,6
2,8	7,6	4,7	11,2	11,2	4,7
3,0	7,2	4,9	11,6	11,6	4,9
4,0	5,2	5,4	14,3	14,3	5,4
5,0	3,8	5,8	15,1	15,1	5,8
6,0	2,8	6,1	16,1	16,1	6,1
7,0	2,1	6,2	17,2	17,2	6,2





Mounting height for 5 lux below 4 meters

NexiTech, 1000 lm

Escape route 2m wide 1 lux min

Mounting height [m]	Lux level directly under				
2,6	45,9	5,4	13,4	13,4	5,4
2,8	39,6	5,9	13,9	13,9	5,9
3,0	34,4	6,1	14,4	14,4	6,1
3,5	25,3	6,5	15,5	15,5	6,5
4,0	19,3	6,9	16,5	16,5	6,9
4,5	15,2	7,2	17,4	17,4	7,2
5,0	12,3	7,4	18,2	18,2	7,4
6,0	8,5	7,9	18,2	18,2	7,9

Open (anti-panic) area 0.5 lux min

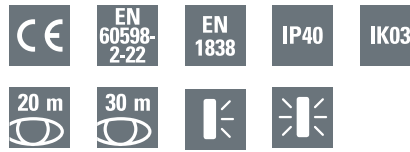
Mounting height [m]	Lux level directly under				
2,6	45,9	4,5	10,4	10,4	4,5
2,8	39,6	4,9	11,5	11,5	4,9
3,0	34,4	5,2	12,4	12,4	5,2
3,5	25,3	5,9	14,5	14,5	5,9
4,0	19,3	6,5	16,1	16,1	6,5
4,5	15,2	6,8	17,1	17,1	6,8
5,0	12,3	7,1	18,0	10,0	7,1
6,0	8,5	7,6	19,6	19,6	7,6
7,0	6,3	8,0	21,2	21,2	8,0
8,0	4,8	8,3	22,5	22,5	8,3

Mounting height for 5 lux below 7.5 meters

3.1

Safety & exit signs - Indoor

NexiTech LED - Edge Light Panel with opal diffuser



- Combined Exit Sign and Safety Lighting functions in one product
- Good light distribution performance
- No glare effect thanks to the opal diffuser
- Suitable for (IP40 luminaires), Self Contained and Central Power System versions
- Suitable for all light output variants (100lm to 1000lm)

Light Source:
LED strip

Material:
Diffuser polycarbonate
Edge Light Panel
polycarbonate and PMMA
Protection degree IP40

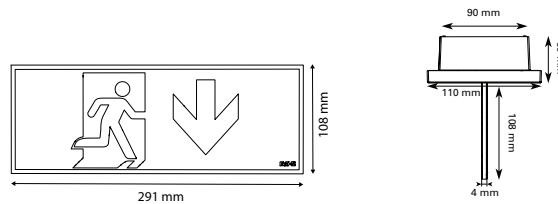
Installation options:
Compatible with false ceiling
adaptor and finishing frame
20m and 30m viewing distance
4 mm thickness panel
Single and double sided edge
panel for ceiling mounting

Applications:
Schools, universities,
commercial
malls, stores, offices, public
administration and all indoor
generic environments
Safety antipanic lighting
and escape route lighting

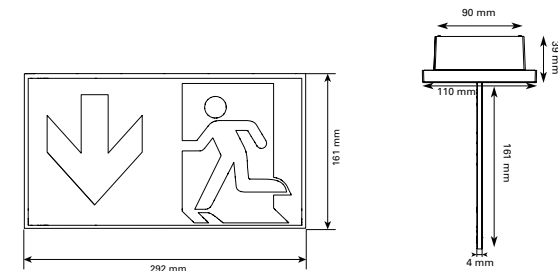
This new range of accessories makes NexiTech LED luminaires a solution for Exit Sign and Safety Lighting functions in one product.

The additional light provided by the luminaire through the opal diffuser contributes to the escape route lighting (possible spacing up to 12m with NexiTech LED 500, 14.9m with NexiTech LED 1000).

The standard edge light panel with opaque cover make NexiTech LED luminaires a solution for pure Exit Sign. All new Edge Light Panel are available in two versions: 20 and 30m viewing distance. The illumination of the ISO format pictogram is homogenous and complies with EN1838.



NexiTech LED 20m viewing distance

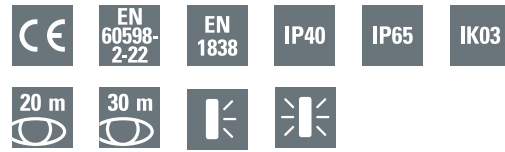


NexiTech LED 30m viewing distance

Ordering details - Opal diffuser for Exit Sign and Safety Lighting functions

High Uniformity, complying with EN1838, suitable for NexiTech LED IP40 versions

Order code	Description	Pictogram
NEXI-PLEXO-DB	NEXI PANEL OPAL 30 D-B ISO High Unifor.	30m, Down/Blank
NEXI-PLEXO-DD	NEXI PANEL OPAL 30 D-D ISO High Unifor.	30m, Down/Down
NEXI-PLEXO-LR	NEXI PANEL OPAL 30 L-R ISO High Unifor.	30m, Left/Right
NEXI-PLEXO-UB	NEXI PANEL OPAL 30 U-B ISO High Unifor.	30m, Up/Blank
NEXI-PLEXO-UU	NEXI PANEL OPAL 30 U-U ISO High Unifor.	30m, Up/Up
NEXI-PLEXO-20-DB	NEXI PANEL OPAL 20 D-B ISO High Unifor.	20m, Down/Blank
NEXI-PLEXO-20-DD	NEXI PANEL OPAL 20 D-D ISO High Unifor.	20m, Down/Down
NEXI-PLEXO-20-LR	NEXI PANEL OPAL 20 L-R ISO High Unifor.	20m, Left/Right
NEXI-PLEXO-20-UB	NEXI PANEL OPAL 20 U-B ISO High Unifor.	20m, Up/Blank
NEXI-PLEXO-20-UU	NEXI PANEL OPAL 20 U-U ISO High Unifor.	20m, Up/Up



NexiTech LED recessed using false ceiling adapter + Edge light panel

High Uniformity, complying with EN1838, suitable for NexiTech LED IP40 versions

Order code	Description	Pictogram
NEXI-PLEX-20-DB	NEXI PANEL 20 D-B ISO High Unifor.	20m, Down/Blank
NEXI-PLEX-20-DD	NEXI PANEL 20 D-D ISO High Unifor.	20m, Down/Down
NEXI-PLEX-20-LR	NEXI PANEL 20 LR ISO High Unifor.	20m, Left/Right
NEXI-PLEX-20-UB	NEXI PANEL 20 U-B ISO High Unifor.	20m, Up/Blank
NEXI-PLEX-20-UU	NEXI PANEL 20 U-U ISO High Unifor.	20m, Up/Up
NEXI-PLEX-30-DB	NEXI PANEL 30 D-B ISO High Unifor.	30m, Down/Blank
NEXI-PLEX-30-DD	NEXI PANEL 30 D-D ISO High Unifor.	30m, Down/Down
NEXI-PLEX-30-LR	NEXI PANEL 30 LR ISO High Unifor.	30m, Left/Right
NEXI-PLEX-30-UB	NEXI PANEL 30 U-B ISO High Unifor.	30m, Up/Blank
NEXI-PLEX-30-UU	NEXI PANEL 30 U-U ISO High Unifor.	30m, Up/Up



NexiTech LED + Edge light panel

Standard uniformity, suitable for NexiTech LED IP40 versions

NEXI-PLEXL-DB	NEXI PANEL 30 D-B ISO Lite Unifor.	30m, Down/Blank
NEXI-PLEXL-DD	NEXI PANEL 30 D-D ISO Lite Unifor.	30m, Down/Down
NEXI-PLEXL-LR	NEXI PANEL 30 LR ISO Lite Unifor.	30m, Left/Right

Standard uniformity, suitable for NexiTech LED IP65 versions

NEXI-PLEX-IP	NEXI PANEL 30 ISO Lite Unifor. Delivered with 7 stickers	
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NexiTech LED + finishing frame + Edge light panel

Single-side pictograms

NEXI-PICTO-D	Pictogram Down ISO single-side 20m	
NEXI-PICTO-L	Pictogram Left ISO single-side 20m	
NEXI-PICTO-R	Pictogram Right ISO single-side 20m	
NEXI-PICTO-U	Pictogram Up ISO single-side 20m	

Accessories

NEXI-IP	IP65 protection kit
NEXI-WB45	45° Wall Bracket (IP40/IP65)*
ELBR1	90° Wall Bracket (IP40/IP65)*
NEXI-RB	Bricks wall recessed base (cut-out 277x100mm)
NEXI-FC	False ceiling adapter (cut-out 272x95mm)
NEXI-FR	Finishing frame NexiTech LED
LUM10312	Rest-Mode and Test telecommand

* available in 2019