



CENTRAL MONITORING PANEL



NAP1000A is a state of the art touch screen monitoring panel which is designed to monitor NAFFCO Emergency and Exit Lights as per EN 62034 standard. The 10inch display touch screen makes user life easier to operate and to generate reports. It supports both Maintained and Non-maintained range of Luminaires in same circuit.

CENTRAL MONITORING PANEL

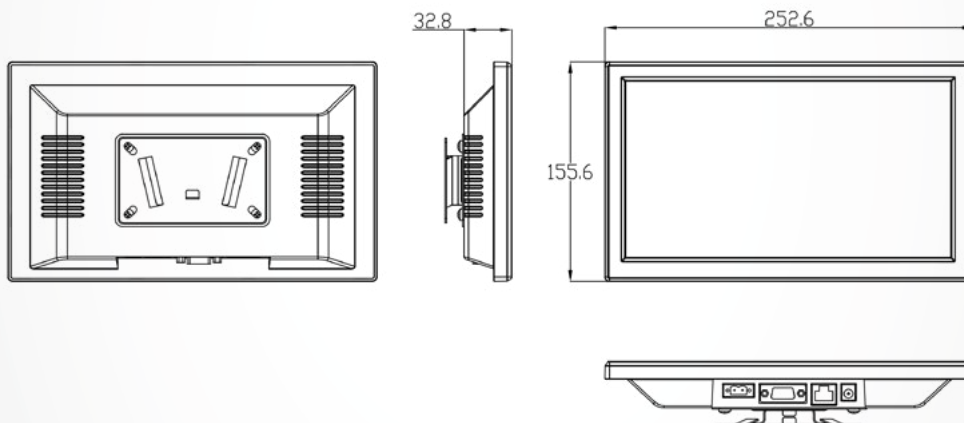
KEY FEATURES

1. Approved and Certificated by TUV Rheinland.
2. State of the Art Touch Screen with 10 inch wide display.
3. Each Panel can support up to 2040 luminaires.
4. 102000 luminaires on single Network.
5. With multiple communication bridge 8Km distance can be achieved.
6. 50 Panels on single Network.
7. Central Mentoring Via Graphic application.
8. Up to 10,000 logs storage.
9. Connectivity with BMS or Fire Alarm system.
10. Auto reporting as per EN standard 62034.
11. Two levels of user access.



NAP1000A

DIMENSIONS



TECHNICAL SPECIFICATIONS

Rated Power and main frequency	230V AC, 60/50 Hz
Number of main Circuit	1
Number of Sub-Circuit	8
Number of Luminaires	2040
Touch Screen	10 inch
Interface	Ethernet
Ambient Temp	Ta 0-40°C
Ingress Protection	IP20
Protection class	II
Dimension (WxHxD)	(252.6x155.6x33.8)mm
Weight	0.7K
Mounting	Surface
Color	Black

ADDRESSABLE EMERGENCY RECESSED DOWNLIGHT - NADL1000A

The **NADL1000A** is a recessed discrete luminaire which is designed to use as in front of house applications like corridors, guest room and open areas. The luminaire provides up to 474 lumens with multiple lens options. Corridors lens are designed to achieve high level of lux on floor throughout the escape routes. Open area lens considered to best fit in offices and hotel guest rooms. Product is fully approved & certified as per EN60598-2-22 standard.

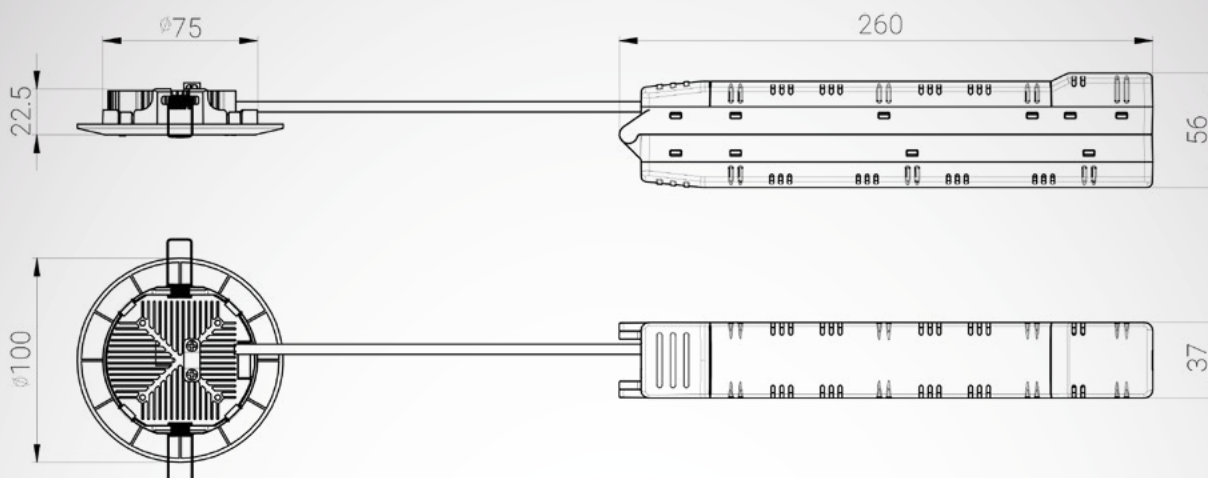


KEY FEATURES

1. Fully approved and certified by TUV Rhineland as per EN60598-2-22.
2. High Performance LED.
3. Long life LEDs with 100000 hours (In Non-Maintained Mode).
4. Up to 474lm high lumen output.
5. LiFePO4 Battery.
6. Up to 2000 battery charging cycles.
7. 4 Years battery design life.
8. Recessed Mounting.
9. Variable lens options available.
10. RAL 9003.

ADDRESSABLE EMERGENCY RECESSED DOWNLIGHT - NADL1000A

DIMENSIONS



TECHNICAL SPECIFICATIONS

Input Power(W)	Emergency Power (W)	Protection class	Color Temp.	Battery	Charge time (h)	Emergency duration (h)	Lumen Output
2.5W	4.5W	II	6500K	LiFePO4 9.6V 1.8 Ah	24h	3hours	> 474lm

Operation mode	Dimension D*L(mm)	Temp	Input	LED	Mounting	IP	Material
Non-Maintained	Lamp Head: $\varnothing 75^*$ 22.5 Driver: 260mm* 56mm*37mm	ta 0-45°C	AC 220-240V (50/60Hz)	100000hours (In Non-Maintained mode)	Recessed	IP20	PC(white)

ADDRESSABLE BULKHEAD EMERGENCY LIGHT - NAEM-SR-300A



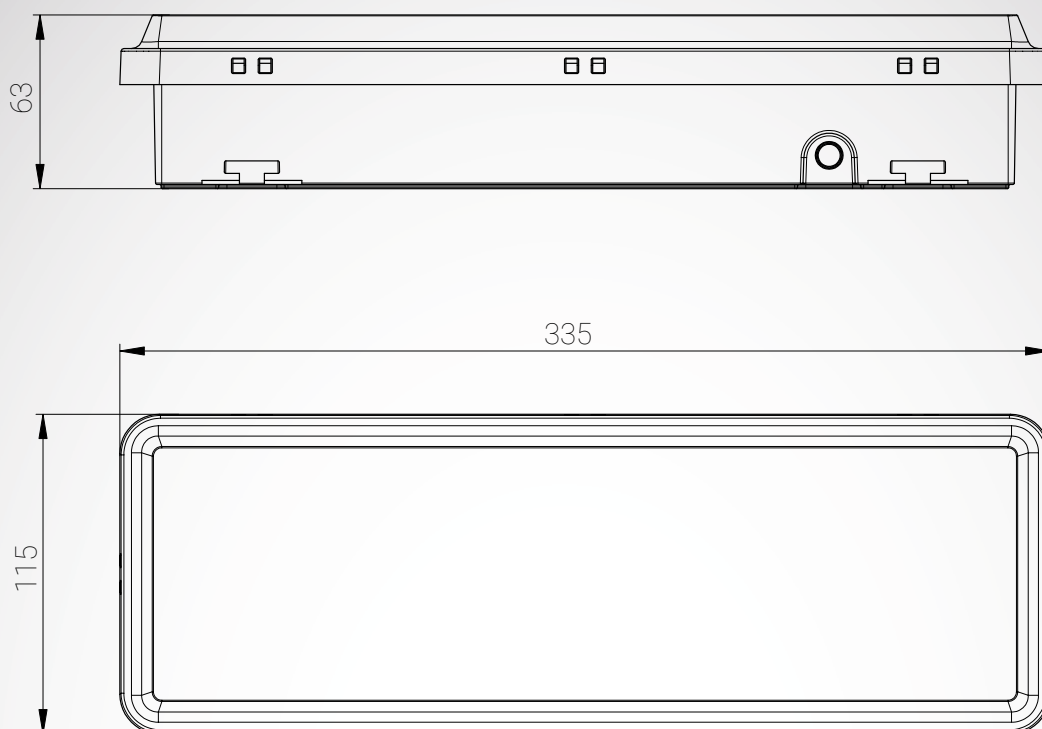
The **NAEM-SR-300A** is a robust IP65 polycarbonate surface/semi recessed mount luminaire which is designed to use in areas where high weather protection is required. The luminaire provides 800 lumens and the led generates a wide intensity distribution ideal for achieving high lux level on an escape route. This fitting is ideal to use in Parking, Staircase, Warehouse and Outdoor applications. It is fully approved & certified as per EN60598-2-22 standards.

KEY FEATURES

1. Fully approved and certified by TUV Rhineland as per EN60598-2-22
2. High Performance LED.
3. Long life LEDs with 100000hours (In Non-Maintained Mode).
4. 800lm high lumen output.
5. LiFePO4 Battery.
6. Up to 2000 battery charging cycles.
7. 4 Years battery design life.
8. Surface & Recessed Mounting.
9. RAL9003.
10. Environmental suitability: Designed for Indoor and Outdoor application.

ADDRESSABLE BULKHEAD EMERGENCY LIGHT - NAEM-SR-300A

DIMENSIONS



TECHNICAL SPECIFICATIONS

Input Power(W)	Emergency Power (W)	Protection class	Color Temp.	Battery	Charge time (h)	Emergency duration (h)	Lumen Output
4.5W	8.5W	II	6500K	LiFePO4, 9.6V,3.6 Ah	24h	3hours	800lm

Operation mode	Dimension D*L(mm)	Temp	Input	LED	Mounting	IP	Material
Non-Maintained	335mm*115mm* 63mm	ta 0-45°C	AC 220-240V (50/60Hz)	100000hours (In Non-Maintained mode)	Surface & Recessed	IP65	PC(white)

ADDRESSABLE UNIVERSAL MOUNT EXIT SIGN - EX1000A



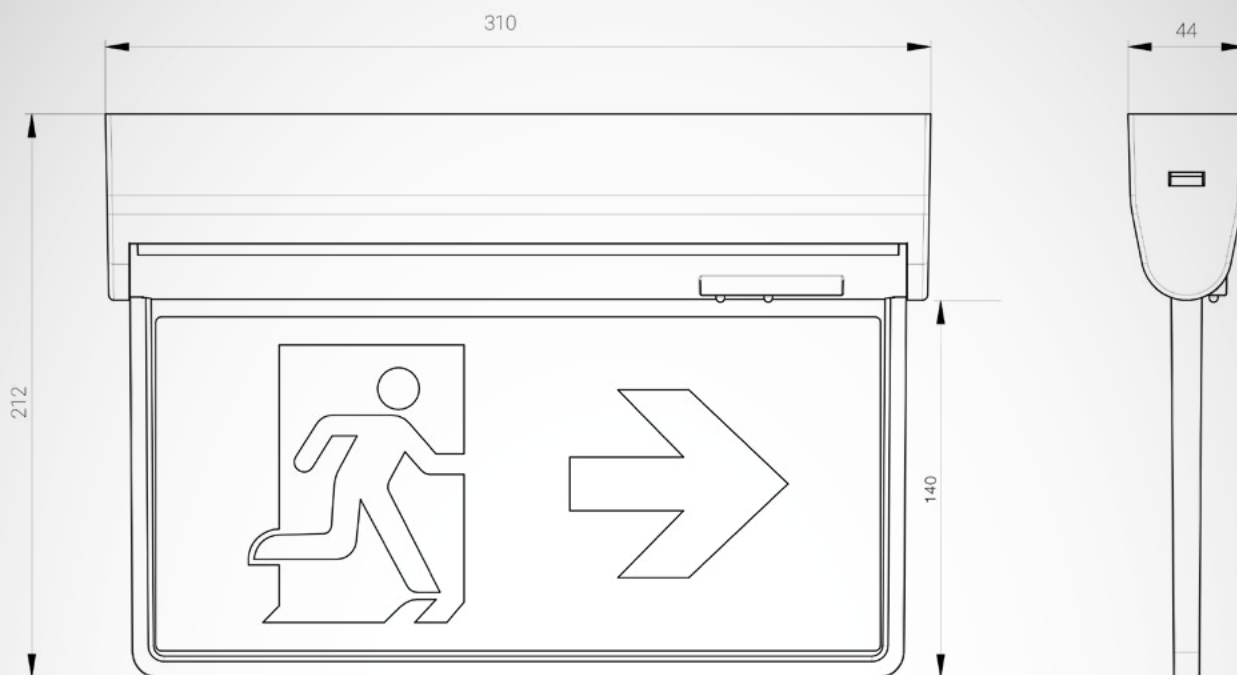
EX1000A is a Universal mount IP40 polycarbonate Exit Luminaire. This fitting is best fit to use in corridors and above the door applications. Additionally multiple accessories can be supplied to achieve flag or suspension mounting. The luminaire tested and certified as per EN60598-2-22 standards. Correspondingly Safety signs meet the requirements of ISO 3864-1 & ISO 3864-4.

KEY FEATURES

1. LiFePO4 Battery.
2. 4 Years battery design life.
3. Auto Test.
4. Long life LEDs with 50000 hours.
5. Universal Mounting Available.
6. 3 Hours Emergency Duration.
7. RAL9003.

ADDRESSABLE UNIVERSAL MOUNT EXIT SIGN - EX1000A

DIMENSIONS



TECHNICAL SPECIFICATIONS

Input Power(W)	Emergency Power (W)	Protection class	Color Temp.	Battery	Charge time (h)	Emergency duration (h)	Viewing distance(m)
2.5W	1.5W	II	6500K	LiFePO4 3.2V 1.5 Ah	24h	3H	28m

Operation mode	Dimension D*L(mm)	Temp	Input	LED	Mounting	IP	Material
Maintained	212mm*310mm*44mm	ta 0-45°C	AC 220-240V (50/60Hz)	50,000hours	Universal	IP40	PC(white)

ADDRESSABLE SURFACE MOUNT EXIT LIGHT - NAEX-SR200A

The **NAEX-SR200A** is a robust IP65 polycarbonate wall mount exit luminaire which is designed to use in areas where high weather protection is required. This fitting is ideal to use in Parking, Staircase and warehouse applications. It is fully approved & certified as per international EN60598-2-22 standards. Correspondingly Safety signs meet the requirements of ISO 3864-1 & ISO 3864-4.

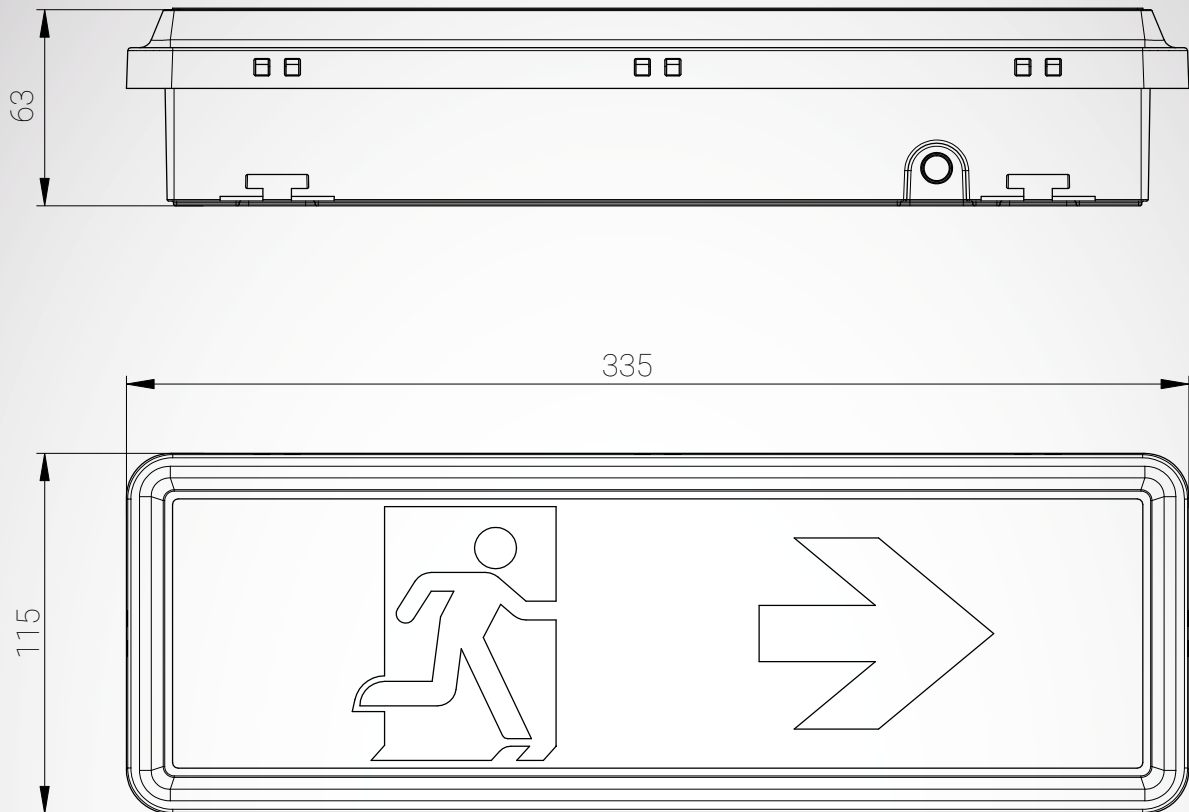


KEY FEATURES

1. Fully approved and certified by TUV Rhineland as per EN60598-2-22.
2. High Performance LED.
3. Long life LEDs with 50,000hours.
4. LiFePO4 Battery.
5. Up to 2000 battery charging cycles.
6. 4 Years battery design life.
7. Wall & Wall-Recessed Mounting .
8. Auto Test.

ADDRESSABLE SURFACE MOUNT EXIT LIGHT - NAEX-SR200A

DIMENSIONS



TECHNICAL SPECIFICATIONS

Input Power(W)	Emergency Power (W)	Protection class	Color Temp.	Battery	Charge time (h)	Emergency duration (h)	Viewing distance(m)
2.5W	1.5W	II	6500K	LiFePO4 3.2V 1.5 Ah	24h	3H	18m

Operation mode	Dimension D*L(mm)	Temp	Input	LED	Mounting	IP	Material
Maintained	335mm*115mm* 63mm	ta 0-45°C	AC 220-240V (50Hz/60Hz)	50,000hours	Wall & Wall-Recessed	IP65	PC(white)

ADDRESSABLE CEILING MOUNT EXIT LIGHT - NAEX-HRC200A

The **NAEX-HRC200A** is a robust IP65 polycarbonate ceiling mount exit luminaire which is designed to use in areas where high weather protection is required. This fitting is ideal to use in Parking, Staircase and warehouse applications. It is fully approved & certified as per international EN60598-2-22 standards. Correspondingly Safety signs meet the requirements of ISO 3864-1 & ISO 3864-4.

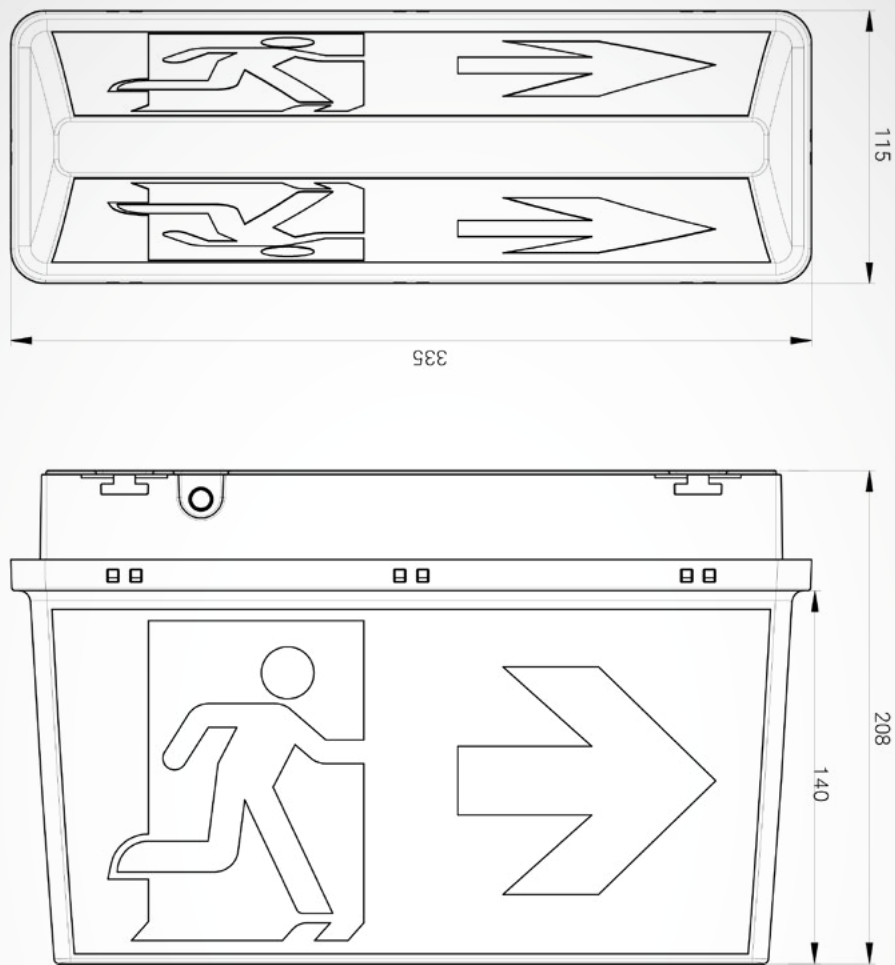


KEY FEATURES

1. Fully approved and certified by TUV Rhineland as per EN60598-2-22.
2. High Performance LED.
3. Long life LEDs with 50,000hours.
4. LiFePO4 Battery.
5. Up to 2000 battery charging cycles.
6. 4 Years battery design life.
7. Ceiling & Suspension Mounting.
8. Auto Test.

ADDRESSABLE CEILING MOUNT EXIT LIGHT - NAEX-HRC200A

DIMENSIONS



TECHNICAL SPECIFICATIONS

Input Power(W)	Emergency Power (W)	Protection class	Color Temp.	Battery	Charge time (h)	Emergency duration (h)	Viewing distance(m)
2.5W	1.5W	II	6500K	LiFePO4 3.2V 1.5 Ah	24H	3H	28m

Operation mode	Dimension D*L(mm)	Temp	Input	LED	Mounting	IP	Material
Maintained	335mm*115mm* 208mm	ta 0-45°C	AC 220-240V (50Hz/60Hz)	50,000hours	Surface & Hanging	IP65	PC(white)

ADDRESSABLE COMMUNICATION BRIDGE - NACB1000A

The **NACB1000A** is designed as per EN 62034 & 61347-2-11, 61347-1 for Connecting NAFFCO Emergency or Exit light units directly with circuits. Each Communication Bridge requires independent power and 2core RS 485 communication from NAP1000A panel. Eight communication bridges can be used per NAP1000A monitoring panel. Each Communication bridge can support up to 255 devices.

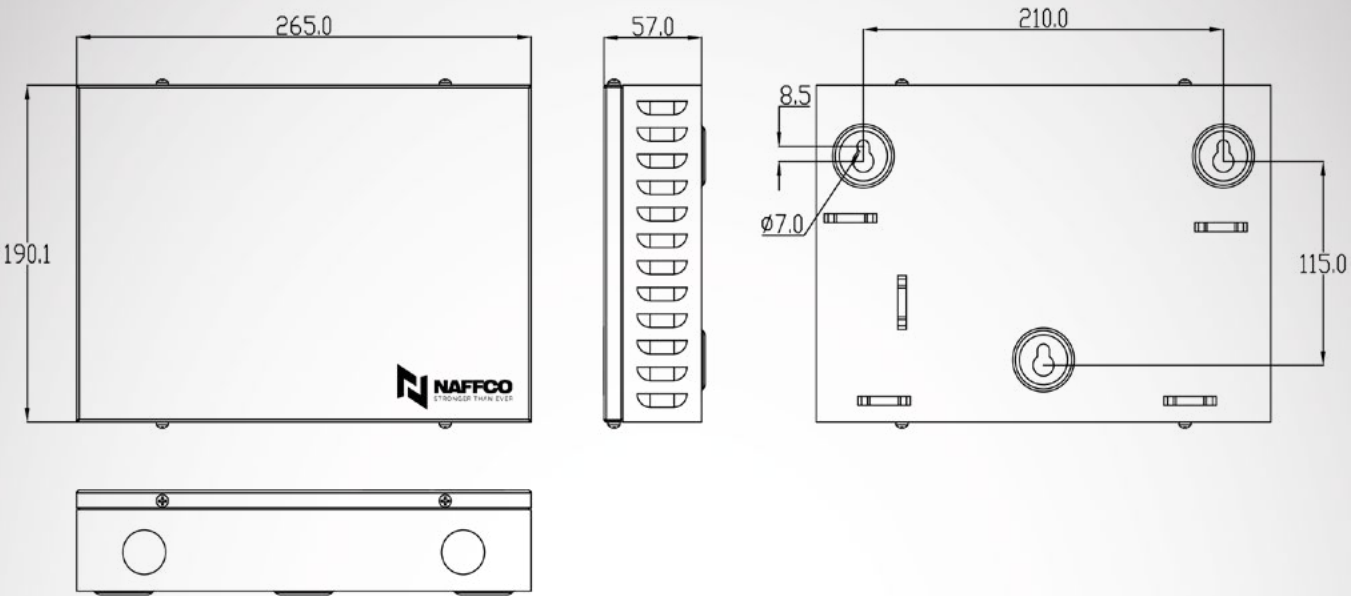


KEY FEATURES

1. 255pcs Luminaire connected.
2. Available Easy Installation.
3. Can be connect with all kinds of luminaire.
4. Approved and Certificated by TUV Rheinland.

ADDRESSABLE COMMUNICATION BRIDGE - NACB1000A

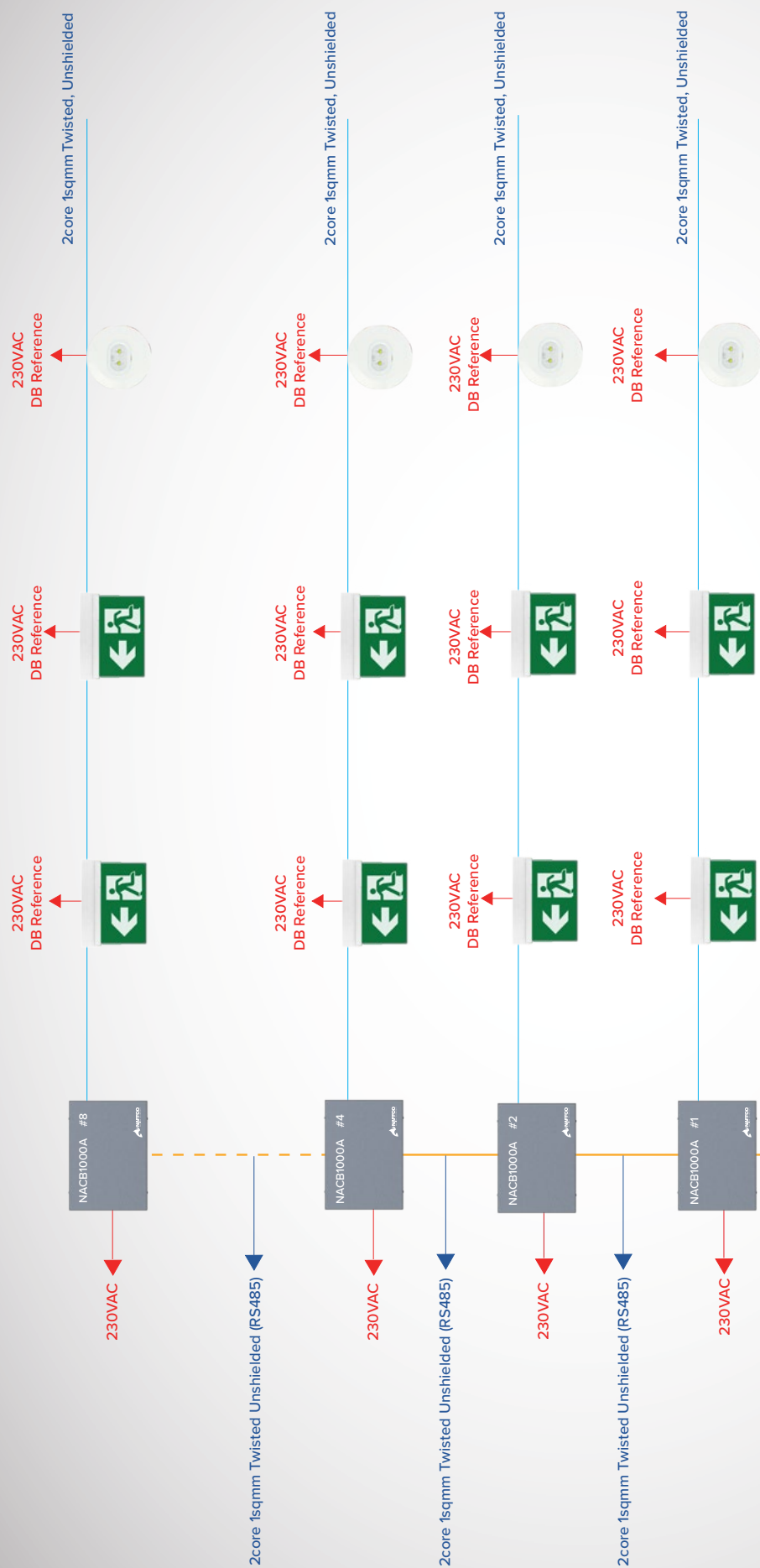
DIMENSIONS



TECHNICAL SPECIFICATIONS

Input Power(W)	Dimension D*L(mm)	Input	IP	Temp	Material
50W	265mm*160mm*57mm	AC220-240V	IP20	ta 0-45°C	Steel

SYSTEM SCHEMATIC



TECHNICAL FEATURES

1. Max 8pcs Communication Bridge(NACB1000A) can be connected to one Control panel.
2. Up to 2040 Devices can be connected with one Panel.
3. Up to 255 Devices can be connected to Each Communication Bridge.
4. Max 800 Meters distance from Panel to Last Communication Bridge.
5. 800 Meters Distance from Communication Bridge to last Luminaire.

NOTES:

- Wiring from Panel to Communication Bridge: 2core 1sqmm Twisted Unshielded (RS485).
- Wiring from Communication Bridge to Luminaire : 2core 1sqmm Twisted, Unshielded data cable.
- Power cable 2core (1.5sqmm²).

****If the Cable Supplied by third party please contact Naffco for Confirmation to avoid any challenges in Communication.****

RANGE OF DEVICES



NAP1000A



NADL1000A



NAEM-SR-300A



EX1000A



NAEX-SR200A



NAEX-HRC200A



NACB1000A

CENTRAL MONITORING APPLICATION

Total 50 panels can be connected on network and 102000 devices can be monitored



POSITION : F3



POSITION : F8



POSITION : F11



POSITION : F23



POSITION : F31



POSITION : F43



World Headquarters, Jebel Ali Free Zone, Dubai, U.A.E
T. +971 4 815 1111, F. +971 4 815 1222
info@naffco.com