MANUALS

LANGUAGE SELECTION



ITALIANO



ENGLISH



FRANÇAIS



DEUTSCH



ESPAÑOL

11/2024 Ref. 10-072-2024-006

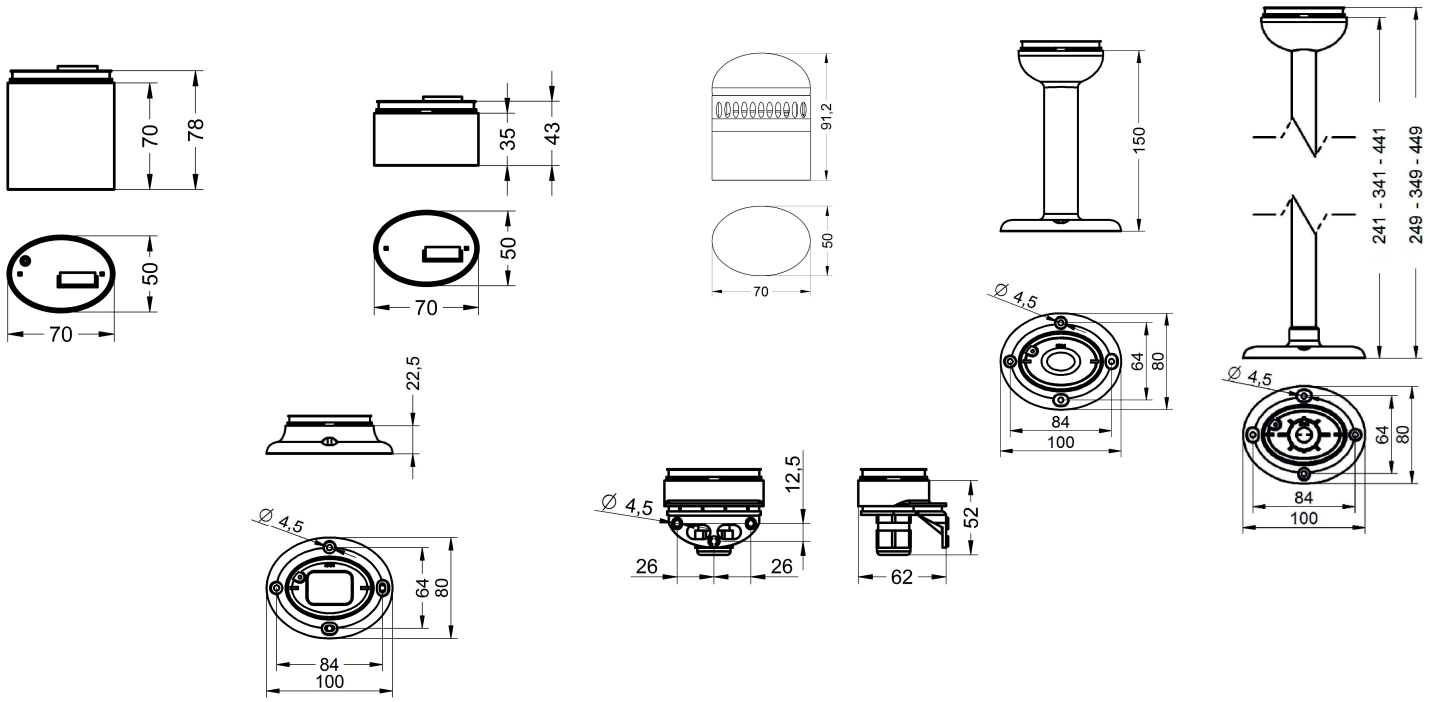
ELLYPTICAL LIGHT TOWER

ISTRUZIONI DI INSTALLAZIONE E UTILIZZO

IT

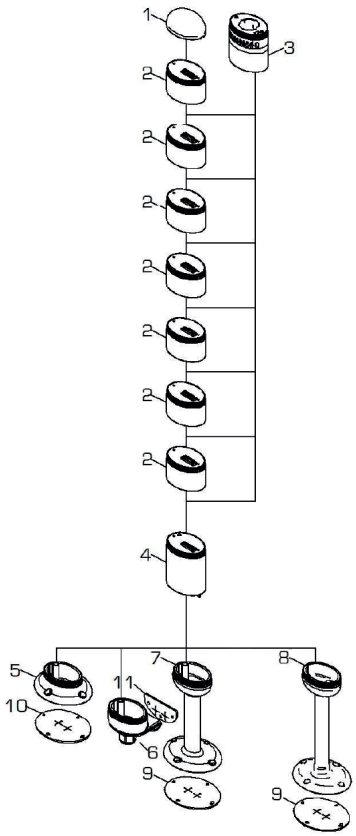
OMOLOGHE

DIMENSIONI



COMPONENTI

- **1.** Cappello
- **2.** Light Module
- **3.** Sound Module
- **4.** Connection Base
- **5.** Surface Mount Flat Base
- **6.** Wall Mount Base
- **7.** 150mm Extended Base
- **8.** Metal Tube Extended Base (200/300/400mm)
- **9.** Guarnizione
- **10.** Guarnizione



DATI TECNICI

T	-30°C +60°C	IP LIGHT MODULE	66	IP ACOUSTIC MODULE	65
Temperatura massima dell'aria circostante 50°C					

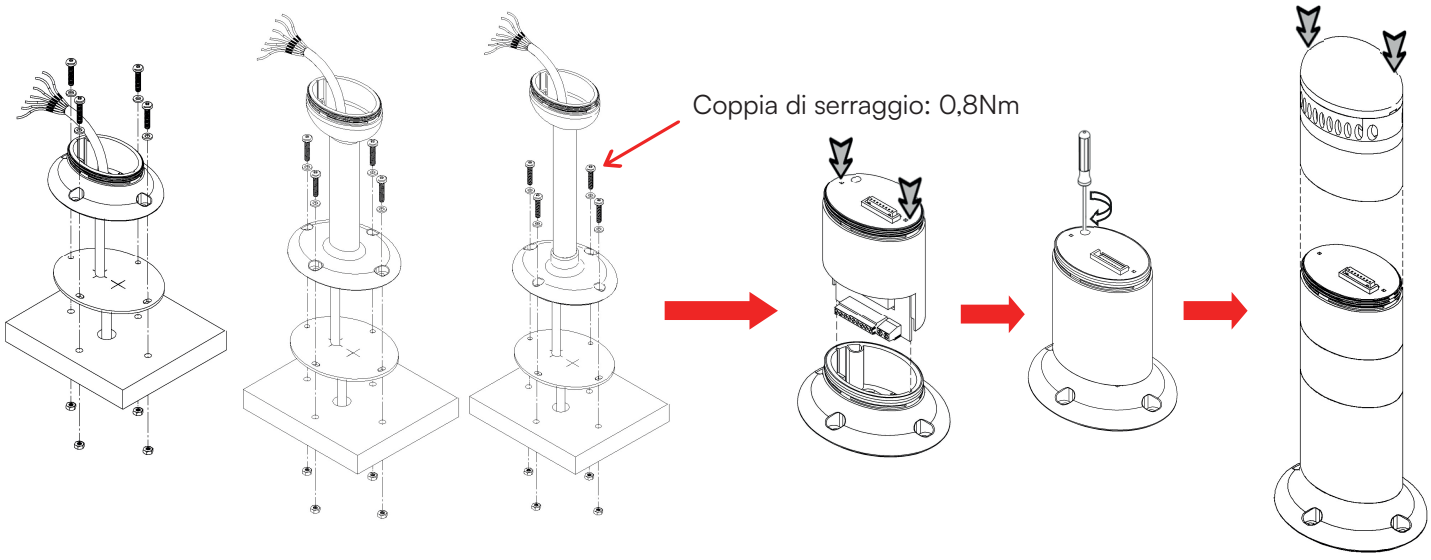
LIGHT MODULE						
Versione / V	12 ⎓	12 ∿50/60Hz	24 ⎓	24 ∿50/60Hz	120 ∿50/60Hz	240∿50/60Hz
STEADY LIGHT CONNECTION BASE	40mA	60mA	35mA	75mA	30mA	25mA
MULTI-FUNCTION CONNECTION BASE	55mA	120mA	50mA	110mA	30mA	25mA

RGB MODULE						
Versione / V	12 ⎓	12 ∿50/60Hz	24 ⎓	24 ∿50/60Hz	120 ∿50/60Hz	240∿50/60Hz
STEADY LIGHT CONNECTION BASE	70mA	105mA	75mA	155mA	35mA	25mA
MULTI-FUNCTION CONNECTION BASE	84mA	145mA	90mA	180mA	40mA	25mA

PIEZOLETRIC ALARM												
Versione / V	12 ⎓		12 ∿50/60Hz		24 ⎓		24 ∿50/60Hz		120 ∿50/60Hz		240∿50/60Hz	
	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA
STEADY LIGHT CONNECTION BASE	70	20	77	40	87	50	87	120	87	30	87	25
MULTI-FUNCTION CONNECTION BASE	67	30	77	80	87	65	87	130	87	30	87	25

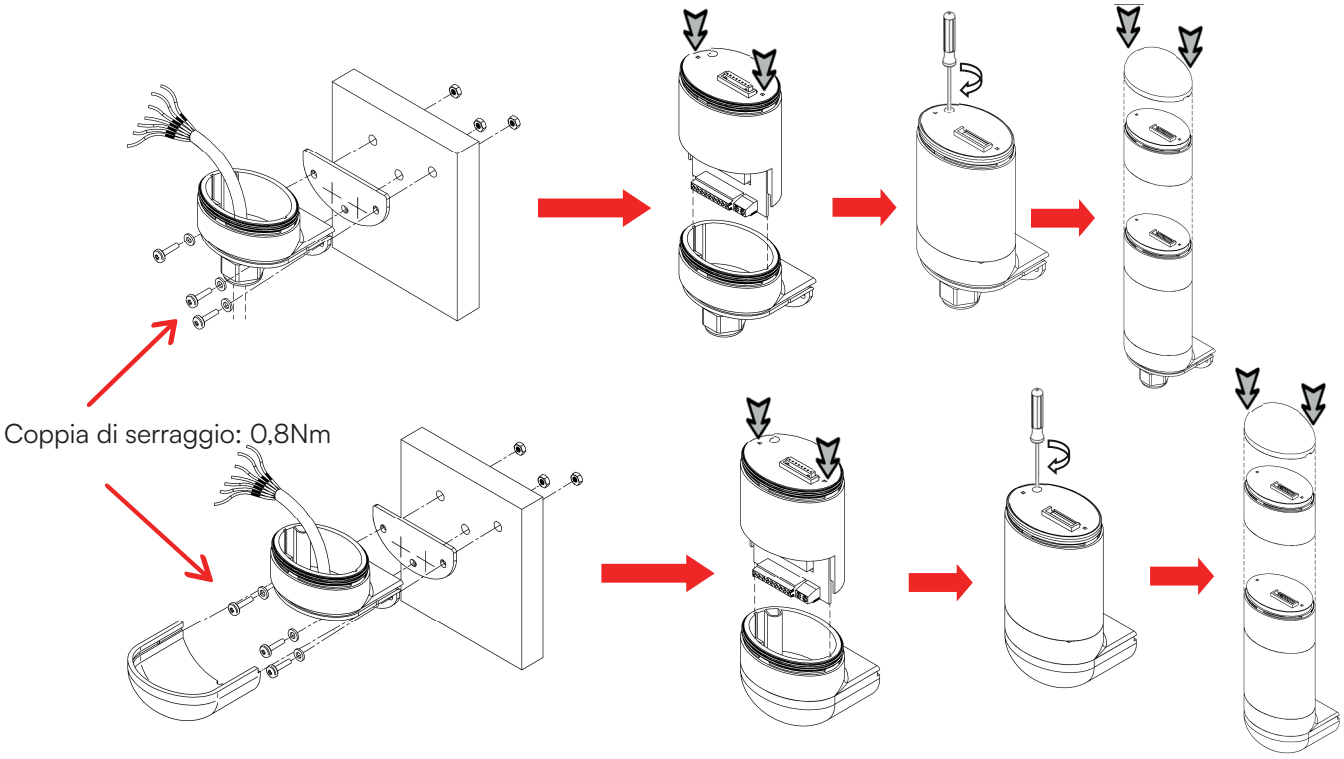
MAGNETODYNAMIC ALARM												
Versione / V	12 ⎓		12 ∿50/60Hz		24 ⎓		24 ∿50/60Hz		120 ∿50/60Hz		240∿50/60Hz	
	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA
STEADY LIGHT CONNECTION BASE	87	100	87	200	90	200	90	450	90	100	90	50
MULTI-FUNCTION CONNECTION BASE	87	150	87	390	90	200	90	450	90	100	90	50

INSTALLAZIONE



ISTRUZIONI DI SICUREZZA

⚠	L'INSTALLAZIONE DEVE ESSERE EFFETTUATA SOLO DA PERSONALE SPECIALIZZATO
⚠	ASSICURARSI CHE LA TENSIONE DI ALIMENTAZIONE DEI MODULI DI SEGNALAZIONE SIA UGUALE A QUELLA DI RETE
⚠	SULLA LINEA DI ALIMENTAZIONE USARE FUSIBILI RITARDATI DIMENSIONATI A SECONDA DELLA TENSIONE



ATTENZIONE: Il modulo acustico occupa 1 o 2 dei 7 canali presenti sulla morsettiera della base. Il modulo acustico va sempre montato al vertice della torretta luminosa.

COLLEGAMENTO ELETTRICO

2 - 3 - 4 COLOUR LIGHT TOWER STEADY 12/24V ACDC

C: FILO GRIGIO
1-2-3-4: FILO NERO (MODULO LUMINOSO)

2 - 3 - 4 COLOUR LIGHT TOWER MULTI-EFFECT 12/24V ACDC

L: FILO ROSSO
N: FILO NERO
BL: FILO VERDE
1-2-3-4: FILO NERO (MODULO LUMINOSO)

2 - 3 - 4 COLOUR LIGHT TOWER STEADY 120/240V AC

L: FILO MARRONE
N: FILO BLU
C: FILO GRIGIO
1-2-3-4: FILO NERO (MODULO LUMINOSO)

2 - 3 - 4 COLOUR LIGHT TOWER MULTI-EFFECT 120/240V AC

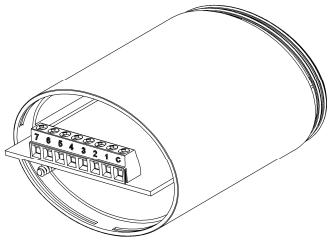
L: FILO MARRONE
N: FILO BLU
BL: FILO VERDE
C: FILO GRIGIO
1-2-3-4: FILO NERO (MODULO LUMINOSO)

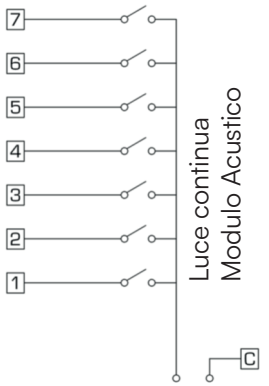
1 - 2 PREASSEMBLED SIGNAL TOWER RGB 12/24V ACDC

C: FILO GRIGIO
1-2-3: FILO NERO (FUNZIONI PRIMO MODULO RGB)
4-5-6: FILO NERO (FUNZIONI SECONDO MODULO RGB)

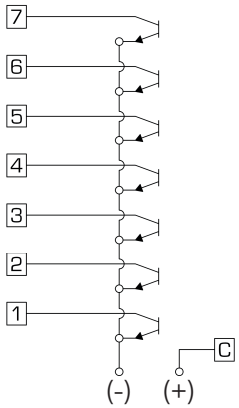
ATTENZIONE: La sezione del cavo di alimentazione consigliata è di 0,5mm
AWG range: 14 - 30 SOL e STR o equivalente

STEADY LIGHT CONNECTION BASE - 12/24V ACDC

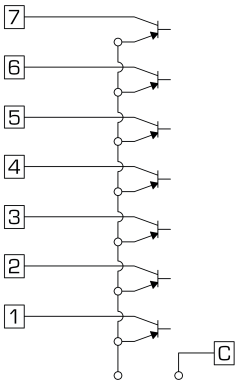




Alimentazione
(non polarizzato)

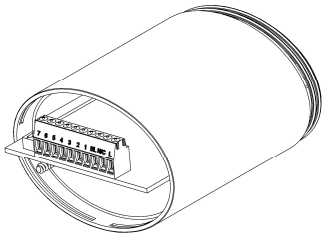


Alimentazione

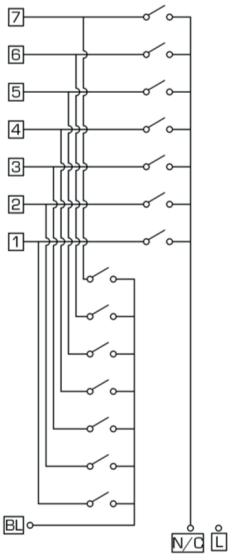


Alimentazione

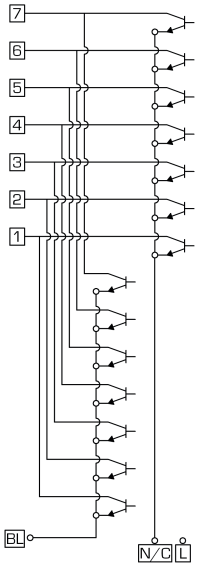
MULTI-FUNCTION CONNECTION BASE - 12/24V ACDC



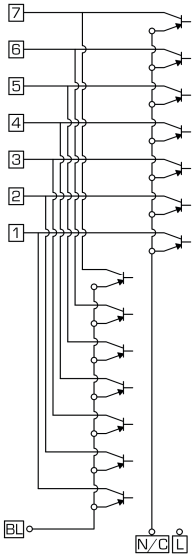
- BL: Luce lampeggiante - Solo per Light Module
- N/C: Luce fissa - Modulo acustico



Alimentazione
(non polarizzato)

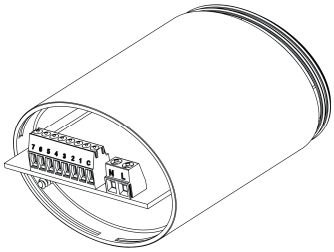


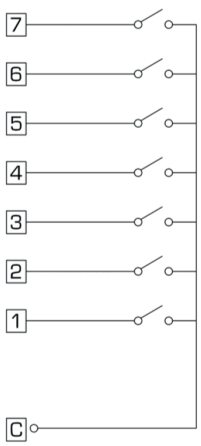
Alimentazione



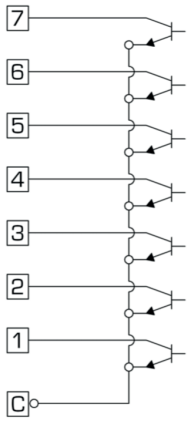
Alimentazione

STEADY LIGHT CONNECTION BASE - 120/240V AC



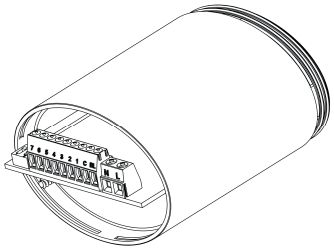


120/240V AC N Alimentazione
L (non polarizzato)

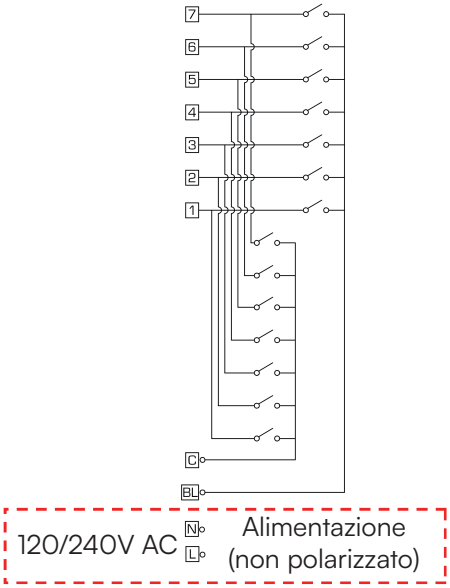


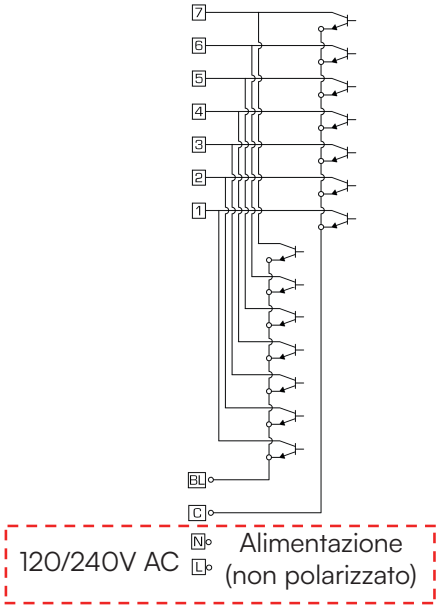
120/240V AC N Alimentazione
L (non polarizzato)

MULTI-FUNCTION CONNECTION BASE - 120/240V AC



- BL: Luce lampeggiante - Solo per Light Module
- N/C: Luce fissa - Modulo acustico





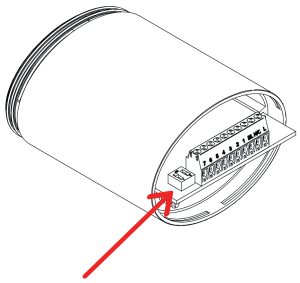
RGB MODULE

ATTENZIONE: Il modulo RGB occupa 3 dei 7 canali presenti sulla morsettiera della base
ATTENZIONE: Peassembled Signal Tower RGB con Steady Light Connection Base funziona solo in modalità NPN

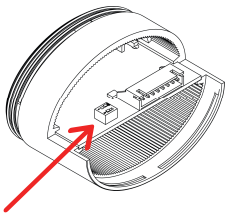
Canale \ Colore	Rosso	Verde	Blu	Viola	Giallo	Ciano	Bianco
CH1	X			X	X		X
CH2		X		X		X	X
CH3			X		X	X	X

MODALITA' DI LAMPEGGIO

Steady Light Connection Base
Multi-Function Connection Base



RGB Module

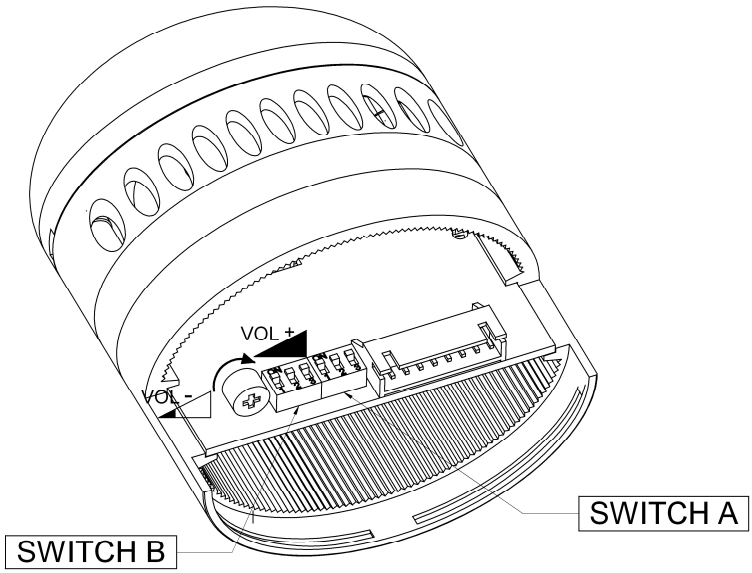


Modello \ Switch	ON 1 2 OFF-OFF	ON 1 2 ON-OFF	ON 1 2 OFF - ON	ON 1 2 ON - ON
Steady / Multi-Function Connection Base	1 FLASH	2 FLASH	3 FLASH	5 FLASH
Preassembled Signal Tower RGB	STEADY	1 FLASH	3 FLASH	RANDOM

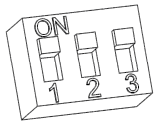
PIEZOELECTRIC ALARM - MAGNETODYNAMIC ALARM

ATTENZIONE: I moduli Piezoeletric Alarm e Magnetodynamic Alarm occupano 2 dei 7 canali presenti sulla morsettiera della base

Piezoelectric Alarm	Magnetodynamic Alarm
C ÷ 1: Suono intermittente	C ÷ 1: Suono SWITCH A
C ÷ 2: Suono continuo	C ÷ 2: Suono SWITCH B
⚠ C ÷ 2 ha priorità su C ÷ 1	



ESEMPIO DI IMPOSTAZIONE



ON=1
OFF=0

1 1 1

SWITCH A: BI-TONE
SWITCH B: LINEAR

SWITCH A SOUNDS							
N°	TONE	TONE TYPE	F (Hz)	TIMES	DIP SWITCH		
1	SIMULATED BELL		2600	0,1s	0	0	0
2	MODULATED		2000-2800	CICLE 0,5s	1	0	0
3	SWEEP X 3		500-1200	0.5s ON/0.5s OFF X 3 1.5s OFF	0	1	0
4	SWEEP		500-1200	3.5s ON/0.5s OFF	1	1	0
5	INTERMITTENT		970	1s ON/1s OFF	0	0	1
6	SWEEP		1500-2700	CICLE 0.35s	1	0	1
7	INTERMITTENT X 3		2600	0.5s ON/0.5s OFF X 3 - 1.5s OFF	0	1	1
8	BI-TONE		490-610	0.5s/0.5s	1	1	1

SWITCH B SOUNDS							
N°	TONE	TONE TYPE	F (Hz)	TIMES	DIP SWITCH		
1	SWEEP		2700-1500	CICLE 0.35s	0	0	0
2	LINEAR		2500	-	1	0	0
3	BI-TONE		2300-2600	0.465s/0.465s	0	1	0
4	BI-TONE		1000-2000	0.25s/0.25s	1	1	0
5	INTERMITTENT		490	0.5 ON/1s OFF	0	0	1
6	MODULATED		2800-2000	CICLE 0.5s	1	0	1
7	PLURI-TONE		500-1200	0.5s ON X 3 - 0.5s OFF	0	1	1
8	LINEAR		970	-	1	1	1

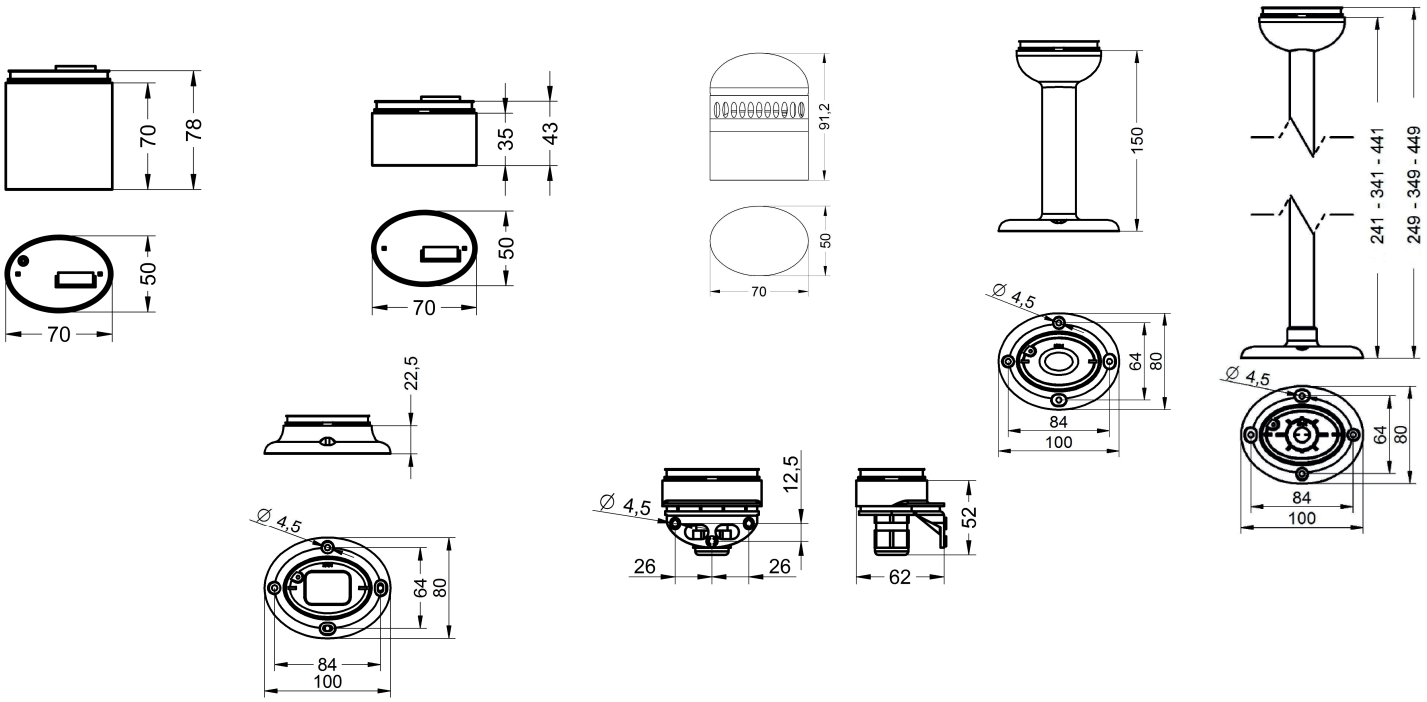
ELLYPTICAL LIGHT TOWER

INSTALLATION AND USE INSTRUCTIONS

EN

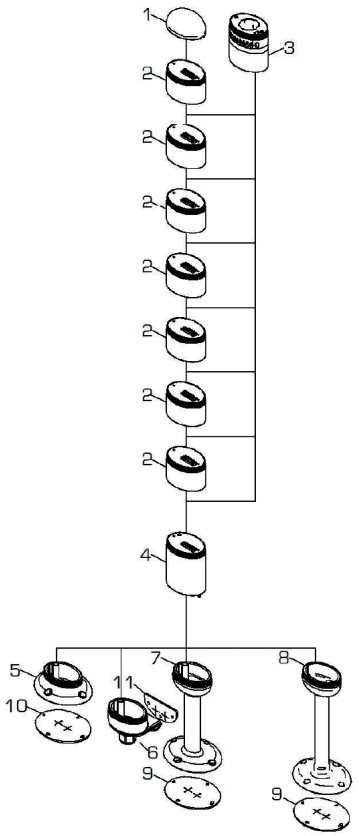
APPROVALS

DIMENSIONS



COMPONENTS

- **1.** Cover
- **2.** Light Module
- **3.** Sound Module
- **4.** Connection Base
- **5.** Surface Mount Flat Base
- **6.** Wall Mount Base
- **7.** 150mm Extended Base
- **8.** Metal Tube Extended Base (200/300/400mm)
- **9.** Gasket
- **10.** Gasket



TECHNICAL DATA

T	-30°C +60°C	IP LIGHT MODULE	66	IP ACOUSTIC MODULE	65
Maximum Surrounding air temperature 50°C					

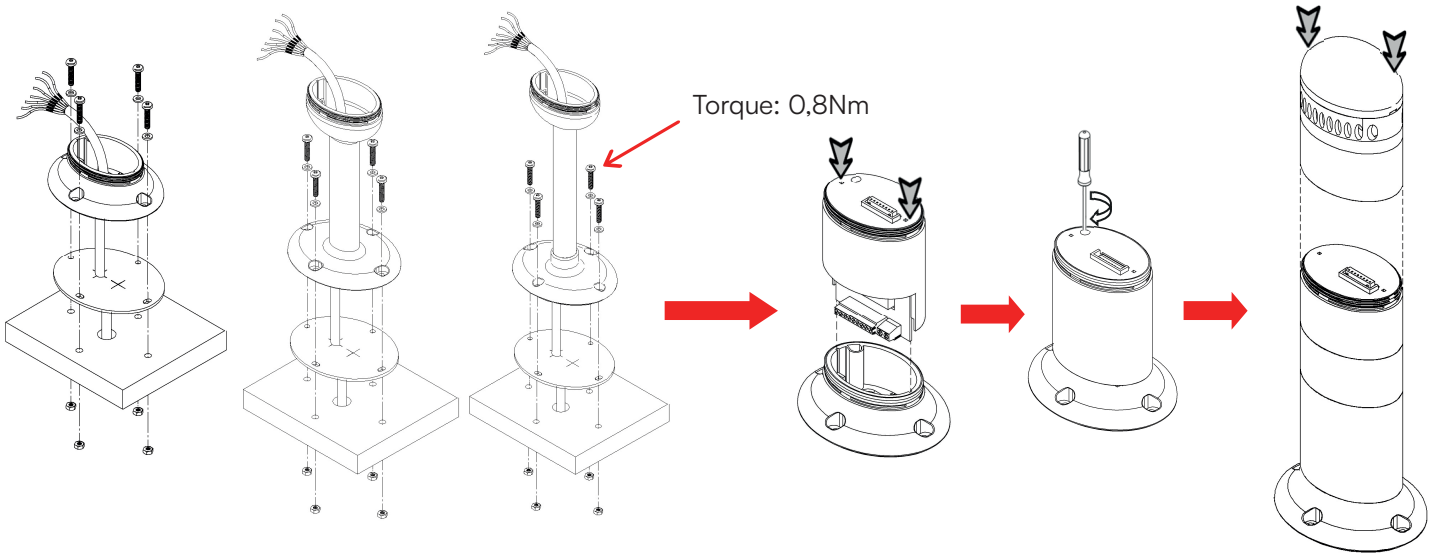
LIGHT MODULE						
Version / V	12 ⎓	12 ∿50/60Hz	24 ⎓	24 ∿50/60Hz	120 ∿50/60Hz	240∿50/60Hz
STEADY LIGHT CONNECTION BASE	40mA	60mA	35mA	75mA	30mA	25mA
MULTI-FUNCTION CONNECTION BASE	55mA	120mA	50mA	110mA	30mA	25mA

RGB MODULE						
Version / V	12 ⎓	12 ∿50/60Hz	24 ⎓	24 ∿50/60Hz	120 ∿50/60Hz	240∿50/60Hz
STEADY LIGHT CONNECTION BASE	70mA	105mA	75mA	155mA	35mA	25mA
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PIEZOLETRIC ALARM												
Version / V	12 ⎓		12 ∿50/60Hz		24 ⎓		24 ∿50/60Hz		120 ∿50/60Hz		240∿50/60Hz	
	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA
STEADY LIGHT CONNECTION BASE	70	20	77	40	87	50	87	120	87	30	87	25
MULTI-FUNCTION CONNECTION BASE	67	30	77	80	87	65	87	130	87	30	87	25

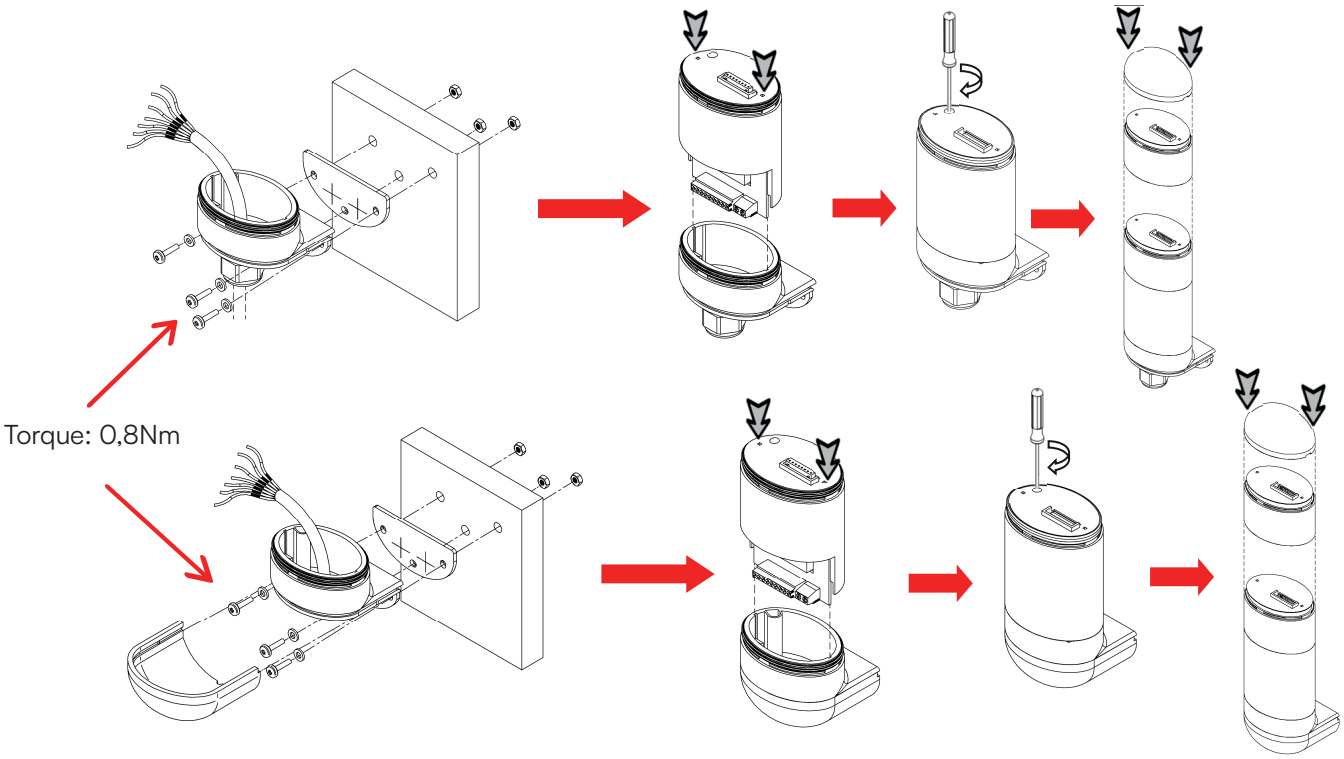
MAGNETODYNAMIC ALARM												
Version / V	12 ⎓		12 ∿50/60Hz		24 ⎓		24 ∿50/60Hz		120 ∿50/60Hz		240∿50/60Hz	
	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA
STEADY LIGHT CONNECTION BASE	87	100	87	200	90	200	90	450	90	100	90	50
MULTI-FUNCTION CONNECTION BASE	87	150	87	390	90	200	90	450	90	100	90	50

INSTALLATION



SAFETY INSTRUCTIONS

⚠	INSTALLATION MUST BE MADE BY TRAINED PERSONNEL
⚠	ENSURE THAT THE POWER SUPPLY VOLTAGE OF THE MODULE IS THE SAME AS THAT OF THE NETWORK
⚠	ON THE POWER SUPPLY LINE USE APPROPRIATE TIME-LAG FUSES ACCORDING TO THE VOLTAGE



ATTENTION: The Acoustic Module occupies 1 or 2 of the 7 channels on the terminal of the base. The acoustic module must always be fitted at the top of the tower.

ELECTRICAL WIRING

2 - 3 - 4 COLOUR LIGHT TOWER STEADY 12/24V ACDC

C: GREY WIRE
1-2-3-4: BLACK WIRE (LIGHT MODULE)

2 - 3 - 4 COLOUR LIGHT TOWER MULTI-EFFECT 12/24V ACDC

L: RED WIRE
N: BLACK WIRE
BL: GREEN WIRE
1-2-3-4: BLACK WIRE (LIGHT MODULE)

2 - 3 - 4 COLOUR LIGHT TOWER STEADY 120/240V AC

L: BROWN WIRE
N: BLUE WIRE
C: GREY WIRE
1-2-3-4: BLACK WIRE (LIGHT MODULE)

2 - 3 - 4 COLOUR LIGHT TOWER MULTI-EFFECT 120/240V AC

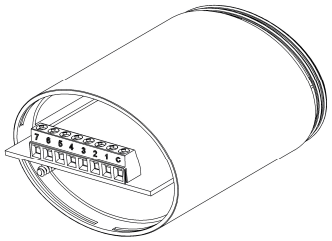
L: BROWN WIRE
N: BLUE WIRE
BL: GREEN WIRE
C: GREY WIRE
1-2-3-4: BLACK WIRE (LIGHT MODULE)

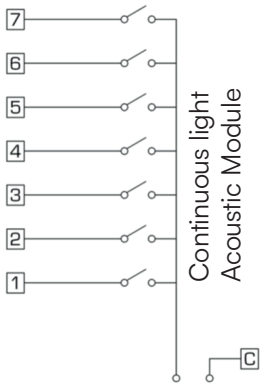
1 - 2 PREASSEMBLED SIGNAL TOWER RGB 12/24V ACDC

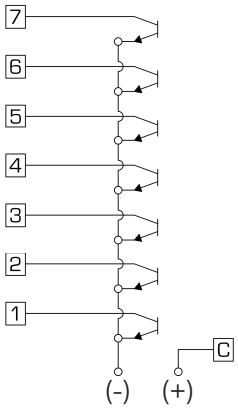
C: GREY WIRE
1-2-3: BLACK WIRE (FIRST MODULE RGB FUNCTIONS)MÓDULO FUNCIONES RGB)
4-5-6: BLACK WIRE (FUNCTIONS ACCORDING TO RGB MODULE)

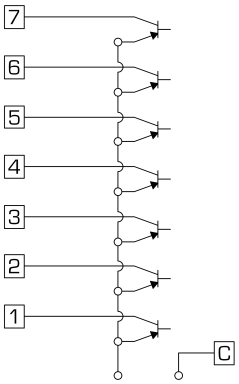
ATTENTION: The recommended section of the power supply cable is 0,5 mm
AWG range: 14 - 30 SOL and STR or equivalent

STEADY LIGHT CONNECTION BASE - 12/24V ACDC

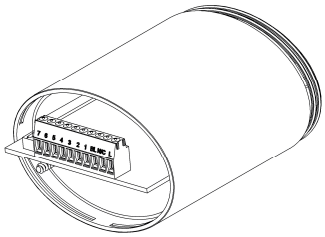




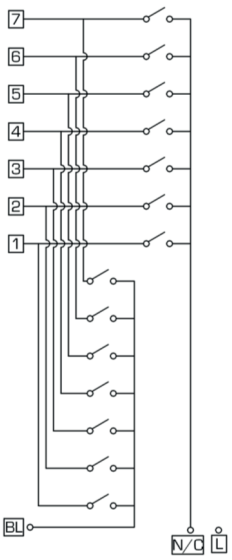


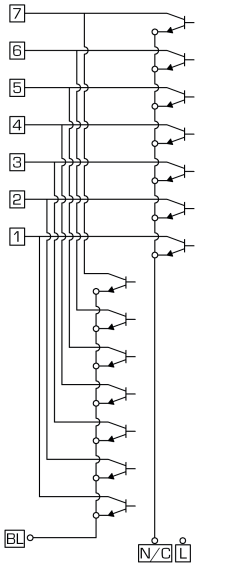


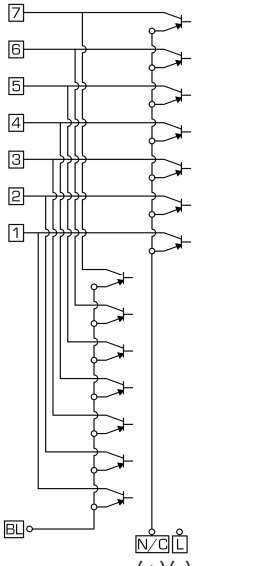
MULTI-FUNCTION CONNECTION BASE - 12/24V ACDC



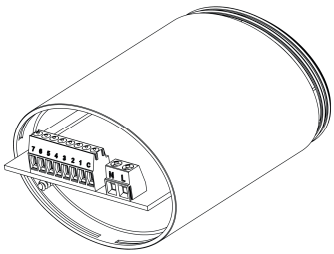
- BL: Flashing light - Only for Light Module
- N/C: Continuous light - Acoustic module

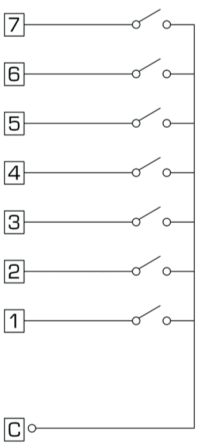




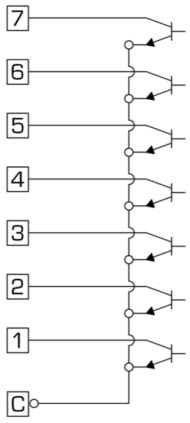


STEADY LIGHT CONNECTION BASE - 120/240V AC



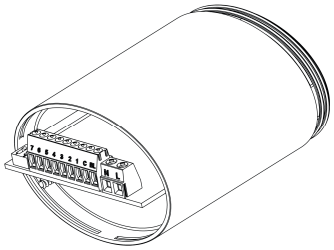


120/240V AC N Power supply
L (Non polarized)

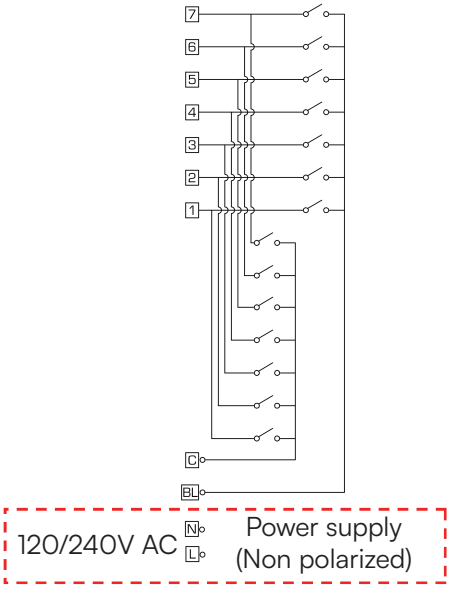


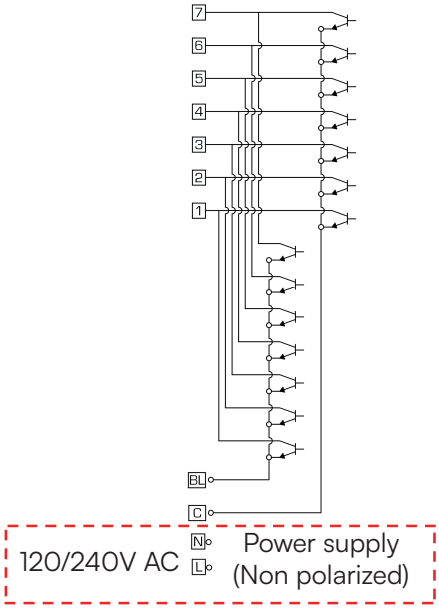
120/240V AC N Power supply
L (Non polarized)

MULTI-FUNCTION CONNECTION BASE - 120/240V AC



- BL: Flashing light - Only for Light Module
- N/C: Continuous light - Acoustic module





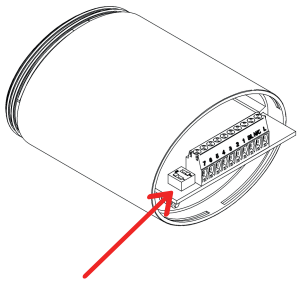
RGB MODULE

ATTENTION: The RGB module occupies 3 of the 7 channels on the terminal of the base
ATTENTION: Peassembled Signal Tower RGB with Steady Light Connection Base works only in NPN mode

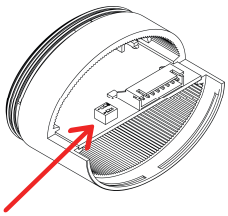
Channel / Colour	Red	Green	Blue	Violet	Yellow	Cyan	White
CH1	X			X	X		X
CH2		X		X		X	X
CH3			X		X	X	X

FLASHING MODE

Steady Light Connection Base
Multi-Function Connection Base



RGB Module

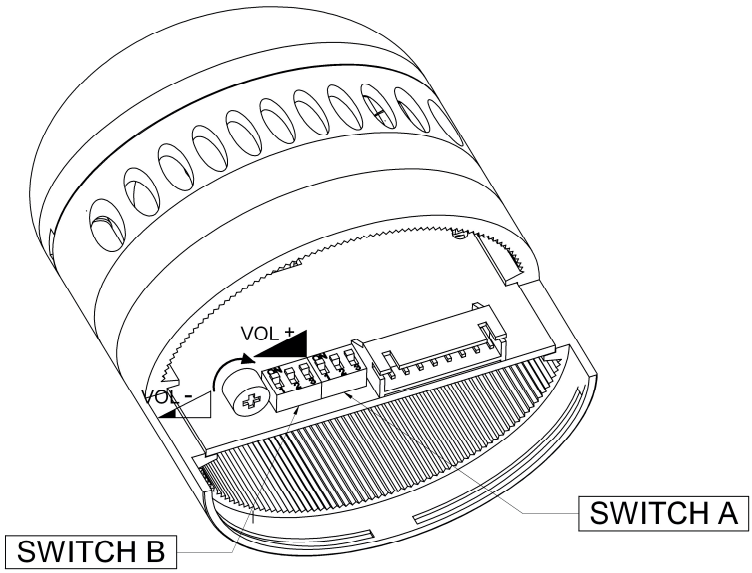


Model / Switch	ON 1 2 OFF-OFF	ON 1 2 ON-OFF	ON 1 2 OFF - ON	ON 1 2 ON - ON
Steady / Multi-Function Connection Base	1 FLASH	2 FLASH	3 FLASH	5 FLASH
Preassembled Signal Tower RGB	STEADY	1 FLASH	3 FLASH	RANDOM

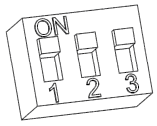
PIEZOELECTRIC ALARM - MAGNETODYNAMIC ALARM

ATTENTION: The Piezoeletric Alarm e Magnetodynamic Alarm module occupies 1 or 2 of the 7 channels on the terminal of the ELYPS base

Piezoelectric Alarm	Magnetodynamic Alarm
C ÷ 1: Intermittent sound	C ÷ 1: SWITCH A sound
C ÷ 2: Continuous sound	C ÷ 2: SWITCH B sound
⚠ C ÷ 2 has priority over C ÷ 1	



SETTING EXAMPLE



ON=1
OFF=0

1 1 1

SWITCH A: BI-TONE
SWITCH B: LINEAR

SWITCH A SOUNDS							
N°	TONE	TONE TYPE	F (Hz)	TIMES	DIP SWITCH		
1	SIMULATED BELL		2600	0,1s	0	0	0
2	MODULATED		2000-2800	CICLE 0,5s	1	0	0
3	SWEEP X 3		500-1200	0.5s ON/0.5s OFF X 3 1.5s OFF	0	1	0
4	SWEEP		500-1200	3.5s ON/0.5s OFF	1	1	0
5	INTERMITTENT		970	1s ON/1s OFF	0	0	1
6	SWEEP		1500-2700	CICLE 0.35s	1	0	1
7	INTERMITTENT X 3		2600	0.5s ON/0.5s OFF X 3 - 1.5s OFF	0	1	1
8	BI-TONE		490-610	0.5s/0.5s	1	1	1

SWITCH B SOUNDS							
N°	TONE	TONE TYPE	F (Hz)	TIMES	DIP SWITCH		
1	SWEEP		2700-1500	CICLE 0.35s	0	0	0
2	LINEAR		2500	-	1	0	0
3	BI-TONE		2300-2600	0.465s/0.465s	0	1	0
4	BI-TONE		1000-2000	0.25s/0.25s	1	1	0
5	INTERMITTENT		490	0.5 ON/1s OFF	0	0	1
6	MODULATED		2800-2000	CICLE 0.5s	1	0	1
7	PLURI-TONE		500-1200	0.5s ON X 3 - 0.5s OFF	0	1	1
8	LINEAR		970	-	1	1	1

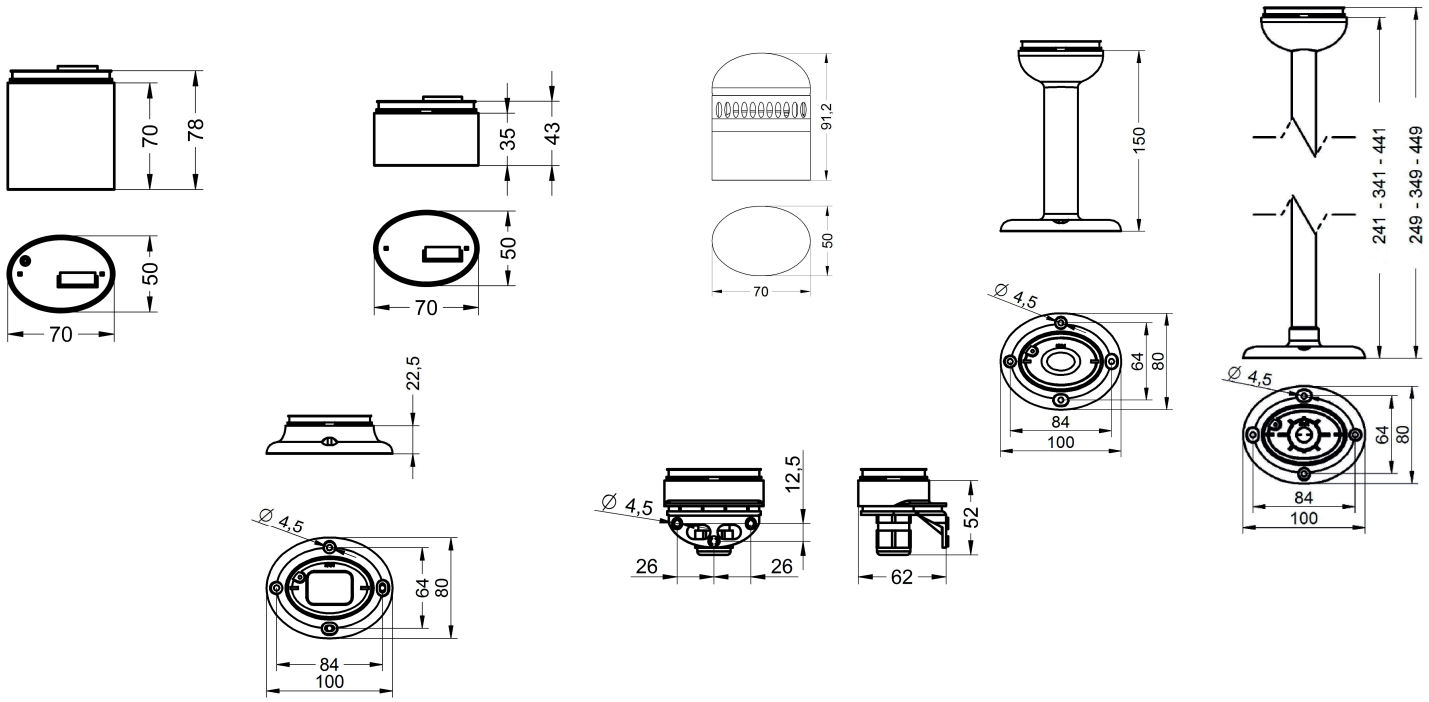
ELLYPTICAL LIGHT TOWER

INSTRUCTIONS D'INSTALLATION ET D'UTILISATION

FR

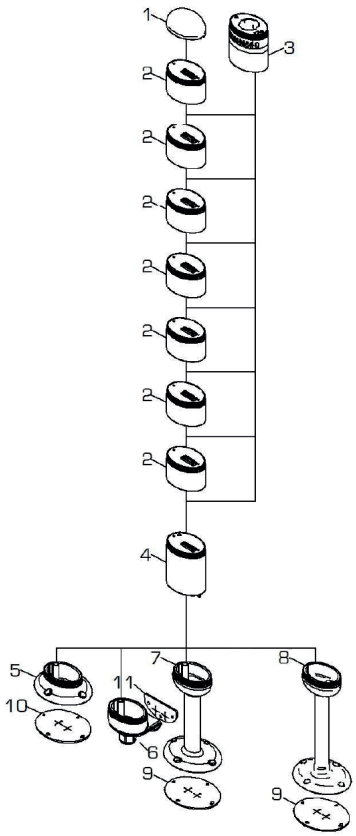
APPROBATIONS

DIMENSIONNEL



COMPOSANTS

- **1.** Couvercle
- **2.** Light Module
- **3.** Sound Module
- **4.** Connection Base
- **5.** Surface Mount Flat Base
- **6.** Wall Mount Base
- **7.** 150mm Extended Base
- **8.** Metal Tube Extended Base (200/300/400mm)
- **9.** Joint
- **10.** Joint



DONNÉES TECHNIQUES

T	-30°C +60°C	IP LIGHT MODULE	66	IP ACOUSTIC MODULE	65
Température maximale de l'air ambiant 50°C					

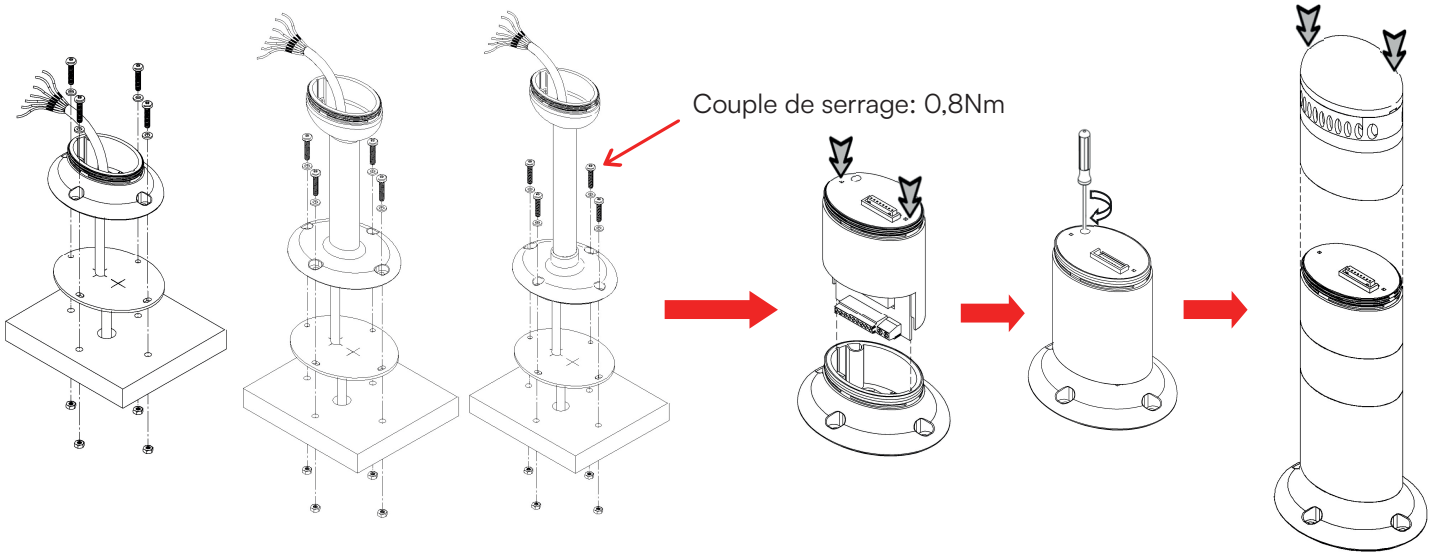
LIGHT MODULE						
Version / V	12 ⎓	12 ∿50/60Hz	24 ⎓	24 ∿50/60Hz	120 ∿50/60Hz	240∿50/60Hz
STEADY LIGHT CONNECTION BASE	40mA	60mA	35mA	75mA	30mA	25mA
MULTI-FUNCTION CONNECTION BASE	55mA	120mA	50mA	110mA	30mA	25mA

RGB MODULE						
Version / V	12 ⎓	12 ∿50/60Hz	24 ⎓	24 ∿50/60Hz	120 ∿50/60Hz	240∿50/60Hz
STEADY LIGHT CONNECTION BASE	70mA	105mA	75mA	155mA	35mA	25mA
MULTI-FUNCTION CONNECTION BASE	84mA	145mA	90mA	180mA	40mA	25mA

PIEZOLETRIC ALARM												
Version / V	12 ⎓		12 ∿50/60Hz		24 ⎓		24 ∿50/60Hz		120 ∿50/60Hz		240∿50/60Hz	
	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA
STEADY LIGHT CONNECTION BASE	70	20	77	40	87	50	87	120	87	30	87	25
MULTI-FUNCTION CONNECTION BASE	67	30	77	80	87	65	87	130	87	30	87	25

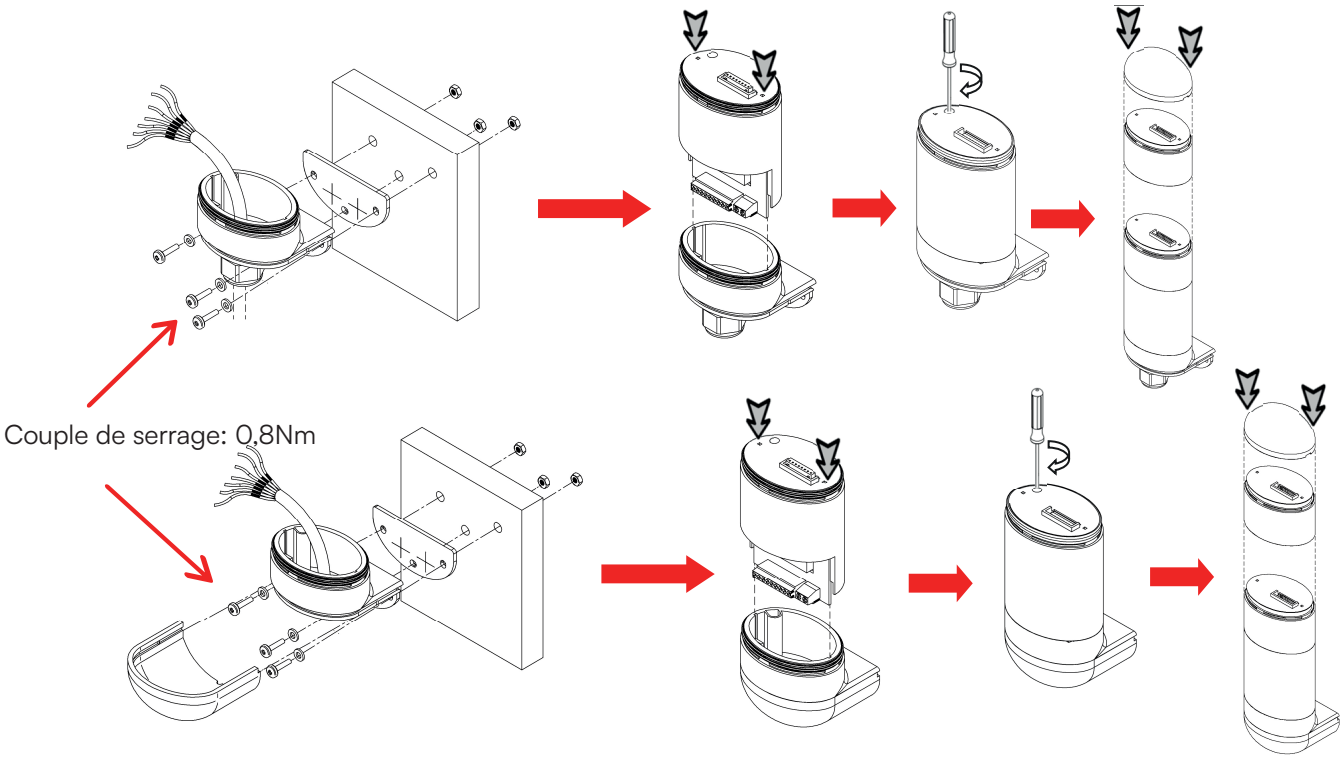
MAGNETODYNAMIC ALARM												
Version / V	12 ⎓		12 ∿50/60Hz		24 ⎓		24 ∿50/60Hz		120 ∿50/60Hz		240∿50/60Hz	
	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA
STEADY LIGHT CONNECTION BASE	87	100	87	200	90	200	90	450	90	100	90	50
MULTI-FUNCTION CONNECTION BASE	87	150	87	390	90	200	90	450	90	100	90	50

INSTALLATION



CONSIGNES DE SÉCURITÉ

⚠	L'INSTALLATION DOIT ÊTRE EFFECTUÉE PAR DES PROFESSIONNELS
⚠	VEILLER À CE QUE LA TENSION D'ALIMENTATION DES ÉLÉMENTS DE SIGNALISATION CORRESPOND À LA TENSION DU RÉSEAU
⚠	SUR LA LIGNE D'ALIMENTATION UTILISER DES FUSIBLES RETARDÉS DIMENSIONNÉS SELON LA TENSION



ATTENTION: Le Module acoustique occupe 1 ou 2 des 7 voies de la borne de la base. L'élément acoustique doit toujours être monté au sommet de la colonne.

RACCORDEMENT ELECTRIQUE

2 - 3 - 4 COLOUR LIGHT TOWER STEADY 12/24V ACDC

C: FIL GRIS
1-2-3-4: FIL NOIR (ELEMENT LUMINEUX)

2 - 3 - 4 COLOUR LIGHT TOWER MULTI-EFFECT 12/24V ACDC

L: FIL ROUGE
N: FIL NOIR
BL: FIL VERT
1-2-3-4: FIL NOIR (ELEMENT LUMINEUX)

2 - 3 - 4 COLOUR LIGHT TOWER STEADY 120/240V AC

L: FIL MARRON
N: FIL BLEU
C: FIL GRIS
1-2-3-4: FIL NOIR (ELEMENT LUMINEUX)

2 - 3 - 4 COLOUR LIGHT TOWER MULTI-EFFECT 120/240V AC

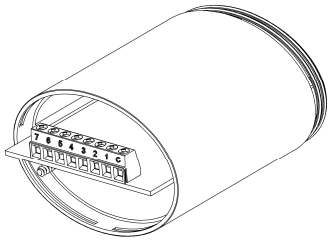
L: FIL MARRON
N: FIL BLEU
BL: FIL VERT
C: FIL GRIS
1-2-3-4: FIL NOIR (ELEMENT LUMINEUX)

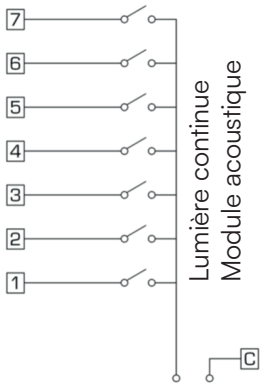
1 - 2 PREASSEMBLED SIGNAL TOWER RGB 12/24V ACDC

C: FIL GRIS
1-2-3: FIL NOIR (FONCTIONS RGB DU PREMIER MODULE)
4-5-6: FIL NOIR (FONCTIONS SELON LE MODULE RGB)

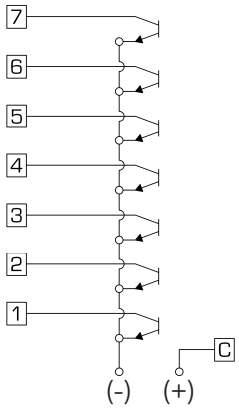
ATTENTION: La section recommandée du cable d'alimentation est 0,5mm
AWG range: 14 - 30 SOL et STR ou équivalent

STEADY LIGHT CONNECTION BASE - 12/24V ACDC

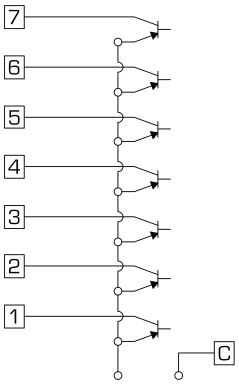




Source de courant
(non polarisé)

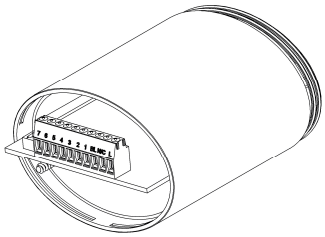


Source de courant

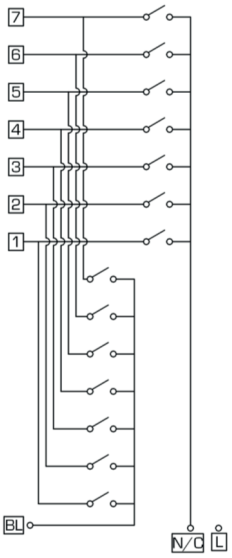


Source de courant

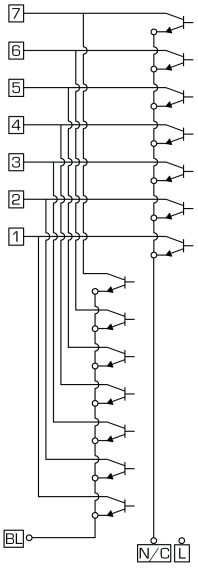
MULTI-FUNCTION CONNECTION BASE - 12/24V ACDC



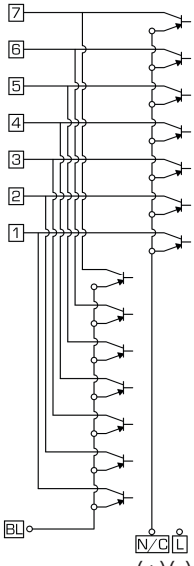
- BL: Lumière clignotante - Seulement pour Light Module
- N/C: Lumière fixe — Élément acoustique



Source de courant
(non polarisé)

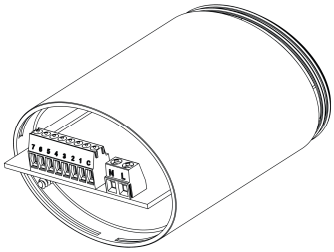


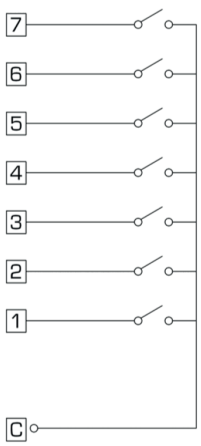
Source de courant



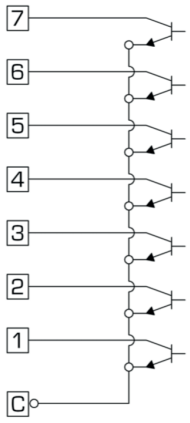
Source de courant

STEADY LIGHT CONNECTION BASE - 120/240V AC



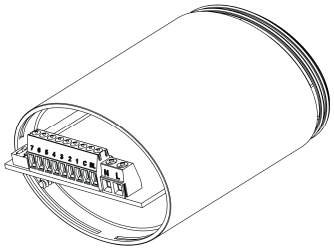


120/240V AC
N Source de courant
L (non polarisé)

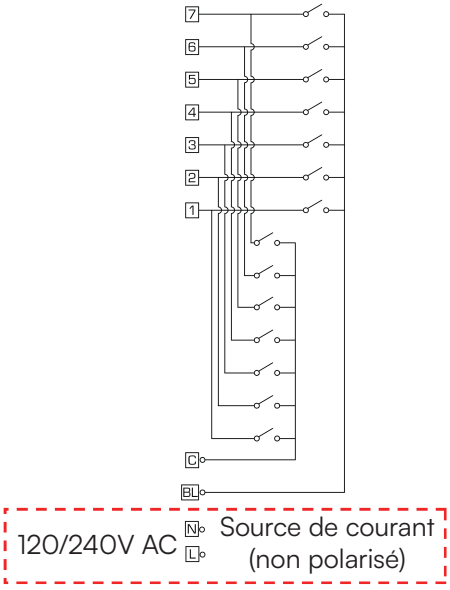


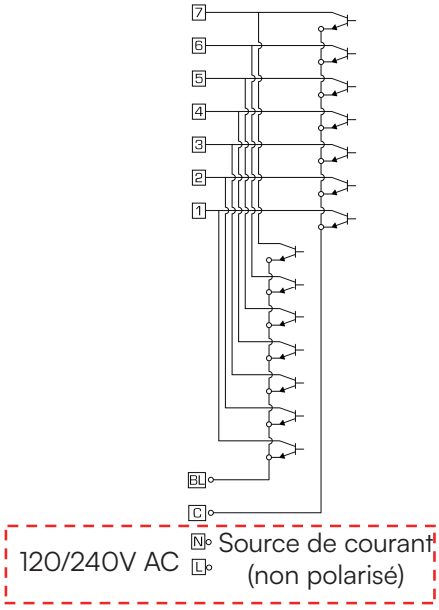
120/240V AC
N Source de courant
L (non polarisé)

MULTI-FUNCTION CONNECTION BASE - 120/240V AC



- BL: Lumière clignotante - Seulement pour Light Module
- N/C: Lumière fixe — Élément acoustique





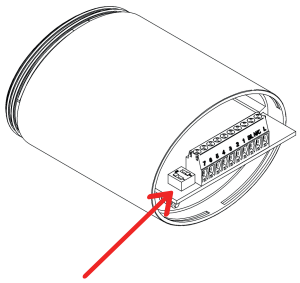
RGB MODULE

ATTENTION: Le module RGB occupe 1 ou 2 des 7 voies de la borne de la base
ATTENTION: Peassembled Signal Tower RGB con Steady Light Connection Base fonctionne uniquement en mode NPN

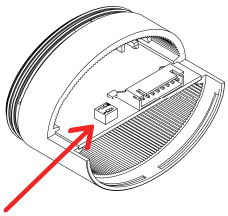
Canal \ Couleur	Rouge	Vert	Bleu	Violet	Jaune	Cyan	Blanc
CH1	X			X	X		X
CH2		X		X		X	X
CH3			X		X	X	X

MODE CLIGNOTANT

Steady Light Connection Base
Multi-Function Connection Base



RGB Module

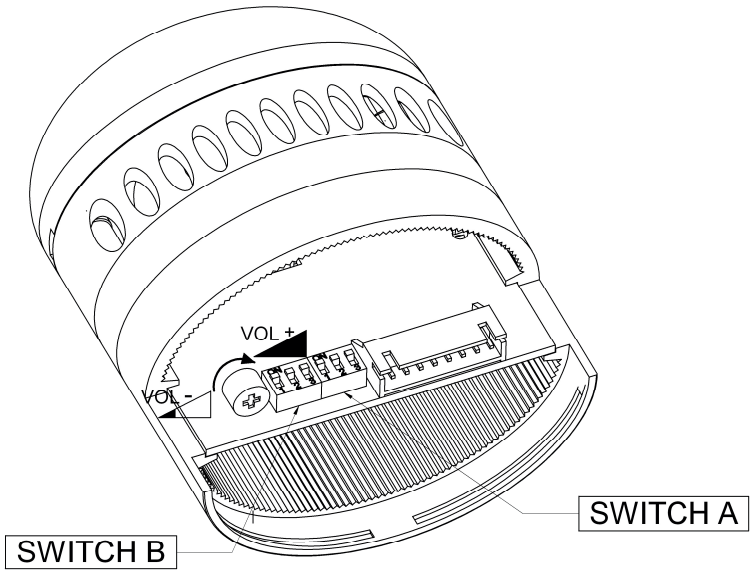


Modèle \ Switch	ON 1 2 OFF-OFF	ON 1 2 ON-OFF	ON 1 2 OFF - ON	ON 1 2 ON - ON
Steady / Multi-Function Connection Base	1 FLASH	2 FLASH	3 FLASH	5 FLASH
Preassembled Signal Tower RGB	STEADY	1 FLASH	3 FLASH	RANDOM

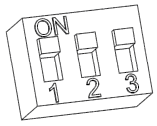
PIEZOELECTRIC ALARM - MAGNETODYNAMIC ALARM

ATTENTION: Le module Piezoeletric Alarm e Magnetodynamic Alarm occupe 1 ou 2 des 7 voies de la borne de la base.

Piezoelectric Alarm	Magnetodynamic Alarm
C ÷ 1: Son intermittent	C ÷ 1: Son SWITCH A
C ÷ 2: Son continu	C ÷ 2: Son SWITCH B
⚠ C ÷ 2 est prioritaire sur C ÷ 1	



EXEMPLE DE RÉGLAGE



ON=1
OFF=0

1 1 1

SWITCH A: BI-TONE
SWITCH B: LINEAR

SWITCH A SOUNDS							
N°	TONE	TONE TYPE	F (Hz)	TIMES	DIP SWITCH		
1	SIMULATED BELL		2600	0,1s	0	0	0
2	MODULATED		2000-2800	CICLE 0,5s	1	0	0
3	SWEEP X 3		500-1200	0.5s ON/0.5s OFF X 3 1.5s OFF	0	1	0
4	SWEEP		500-1200	3.5s ON/0.5s OFF	1	1	0
5	INTERMITTENT		970	1s ON/1s OFF	0	0	1
6	SWEEP		1500-2700	CICLE 0.35s	1	0	1
7	INTERMITTENT X 3		2600	0.5s ON/0.5s OFF X 3 - 1.5s OFF	0	1	1
8	BI-TONE		490-610	0.5s/0.5s	1	1	1

SWITCH B SOUNDS							
N°	TONE	TONE TYPE	F (Hz)	TIMES	DIP SWITCH		
1	SWEEP		2700-1500	CICLE 0.35s	0	0	0
2	LINEAR		2500	-	1	0	0
3	BI-TONE		2300-2600	0.465s/0.465s	0	1	0
4	BI-TONE		1000-2000	0.25s/0.25s	1	1	0
5	INTERMITTENT		490	0.5 ON/1s OFF	0	0	1
6	MODULATED		2800-2000	CICLE 0.5s	1	0	1
7	PLURI-TONE		500-1200	0.5s ON X 3 - 0.5s OFF	0	1	1
8	LINEAR		970	-	1	1	1

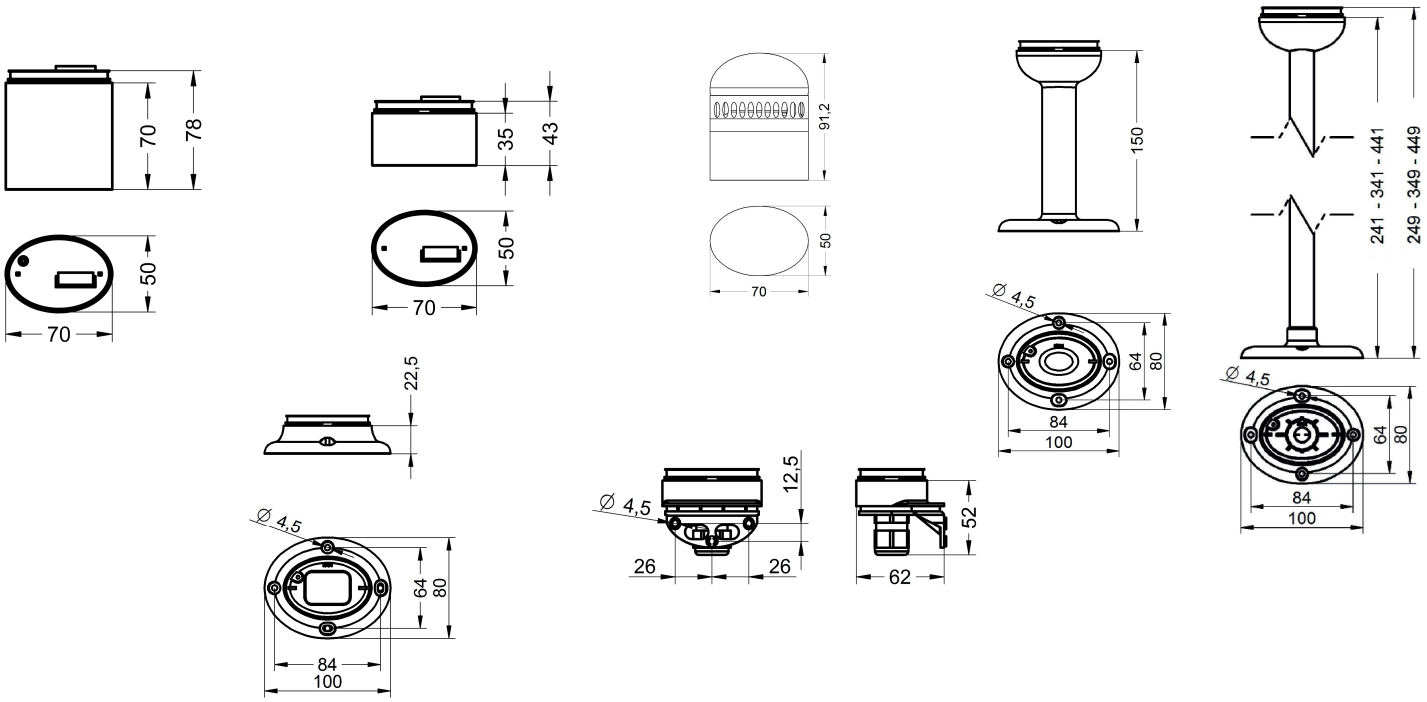
ELLYPTICAL LIGHT TOWER

INSTALLATIONS- UND GEBRAUCHSANLEITUNG

D

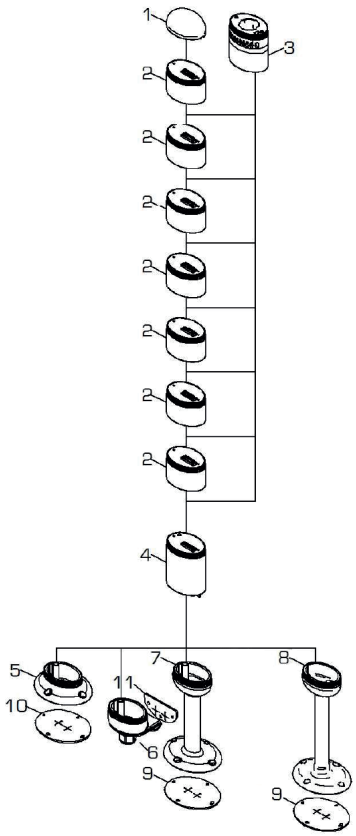
ZULASSUNGEN

DIMENSIONAL



KOMPONENTEN

- **1.** Deckel
- **2.** Light Module
- **3.** Sound Module
- **4.** Connection Base
- **5.** Surface Mount Flat Base
- **6.** Wall Mount Base
- **7.** 150mm Extended Base
- **8.** Metal Tube Extended Base (200/300/400mm)
- **9.** Dichtung
- **10.** Dichtung



TECHNISCHE DATEN

T	-30°C +60°C	IP LIGHT MODULE	66	IP ACOUSTIC MODULE	65
Maximale Umgebungslufttemperatur 50°C					

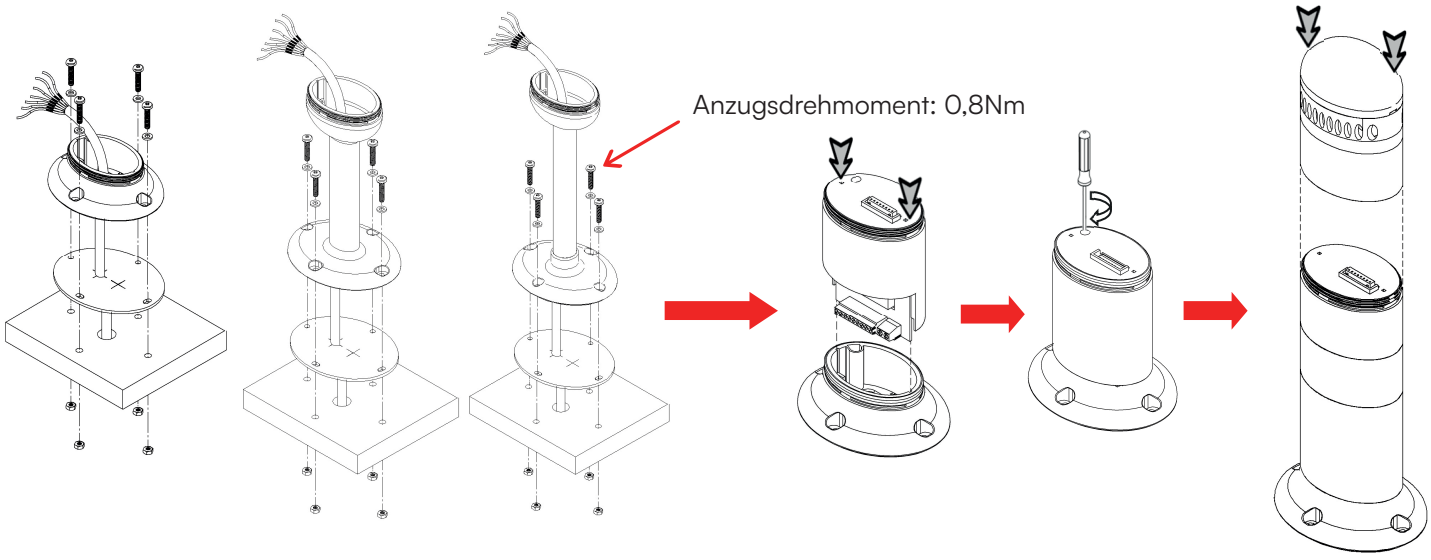
LIGHT MODULE						
Version / V	12 ⎓	12 ∿50/60Hz	24 ⎓	24 ∿50/60Hz	120 ∿50/60Hz	240∿50/60Hz
STEADY LIGHT CONNECTION BASE	40mA	60mA	35mA	75mA	30mA	25mA
MULTI-FUNCTION CONNECTION BASE	55mA	120mA	50mA	110mA	30mA	25mA

RGB MODULE						
Version / V	12 ⎓	12 ∿50/60Hz	24 ⎓	24 ∿50/60Hz	120 ∿50/60Hz	240∿50/60Hz
STEADY LIGHT CONNECTION BASE	70mA	105mA	75mA	155mA	35mA	25mA
MULTI-FUNCTION CONNECTION BASE	84mA	145mA	90mA	180mA	40mA	25mA

PIEZOLETRIC ALARM												
Version / V	12 ⎓		12 ∿50/60Hz		24 ⎓		24 ∿50/60Hz		120 ∿50/60Hz		240∿50/60Hz	
	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA
STEADY LIGHT CONNECTION BASE	70	20	77	40	87	50	87	120	87	30	87	25
MULTI-FUNCTION CONNECTION BASE	67	30	77	80	87	65	87	130	87	30	87	25

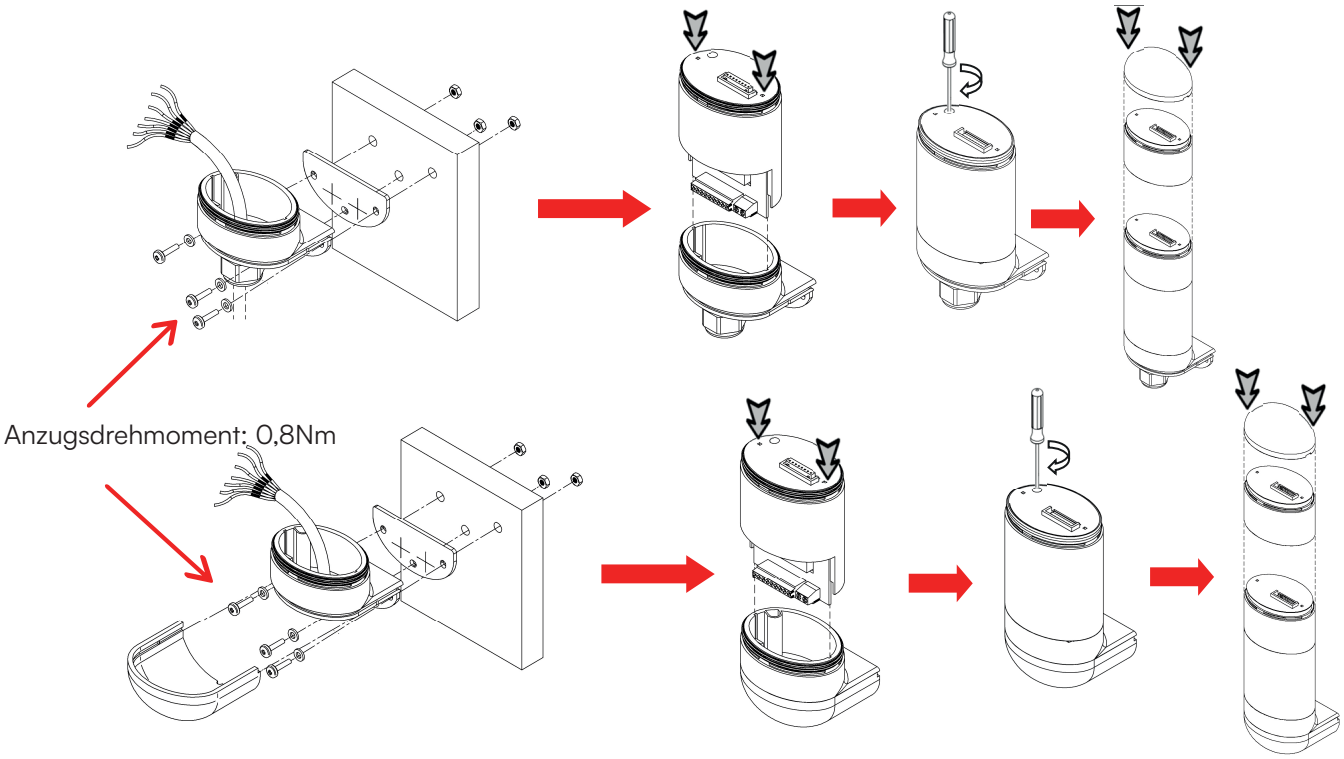
MAGNETODYNAMIC ALARM												
Version / V	12 ⎓		12 ∿50/60Hz		24 ⎓		24 ∿50/60Hz		120 ∿50/60Hz		240∿50/60Hz	
	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA
STEADY LIGHT CONNECTION BASE	87	100	87	200	90	200	90	450	90	100	90	50
MULTI-FUNCTION CONNECTION BASE	87	150	87	390	90	200	90	450	90	100	90	50

INSTALLATION



SICHERHEITSHINWEISE

⚠	INSTALLATION NUR DURCH FACHLEUTE
⚠	ACHTEN SIE AUF GLEICHE VERSORGUNGSPANNUNG VON NETZ UND SIGNALELEMENTE
⚠	FÜR DIE ZULEITUNG TRÄGE SICHERUNGEN VERWENDEN, DIE NACH DER SPANNUNG ZU BEMESSEN SIND



ACHTUNG: Das Akustikmodul belegt 1 oder 2 der 7 Kanäle am Basisklemmenblock. Das Akustikmodul muss immer oben am Lichtmast montiert werden.

ELEKTRISCHE VERBINDUNG

2 - 3 - 4 COLOUR LIGHT TOWER STEADY 12/24V ACDC

C: GRAY LEITUNG
1-2-3-4: SCHWARZE LEITUNG (LICHTELEMENT)

2 - 3 - 4 COLOUR LIGHT TOWER MULTI-EFFECT 12/24V ACDC

L: ROTE LEITUNG
N: SCHWARZE LEITUNG
BL: GRÜN LEITUNG
1-2-3-4: SCHWARZE LEITUNG (LICHTELEMENT)

2 - 3 - 4 COLOUR LIGHT TOWER STEADY 120/240V AC

L: BRAUN LEITUNG
N: BLAUE LEITUNG
C: GRAY LEITUNG
1-2-3-4: SCHWARZE LEITUNG (LICHTELEMENT)

2 - 3 - 4 COLOUR LIGHT TOWER MULTI-EFFECT 120/240V AC

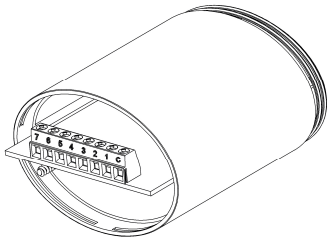
L: BRAUN LEITUNG
N: BLAUE LEITUNG
BL: GRÜN LEITUNG
C: GRAY LEITUNG
1-2-3-4: SCHWARZE LEITUNG (LICHTELEMENT)

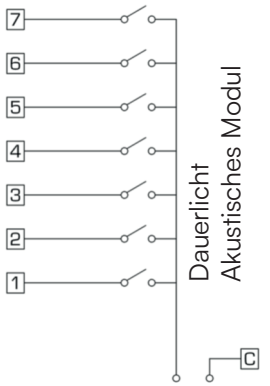
1 - 2 PREASSEMBLED SIGNAL TOWER RGB 12/24V ACDC

C: GRAY LEITUNG
1-2-3: SCHWARZE LEITUNG (ERSTES MODUL RGB-FUNKTIONEN)
4-5-6: SCHWARZE LEITUNG (FUNKTIONEN NACH RGB-MODUL)

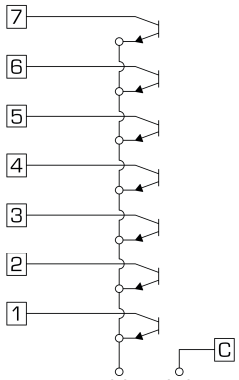
ACHTUNG: Die empfohlene Schnitt des Stromversorgungskabel ist 0,5 mm
AWG Bereich: 14 - 30 SOL und STR oder gleichwertiger

STEADY LIGHT CONNECTION BASE - 12/24V ACDC

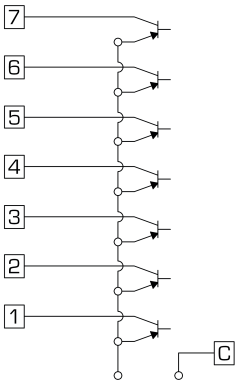




Stromversorgung
(unpolarisiert)

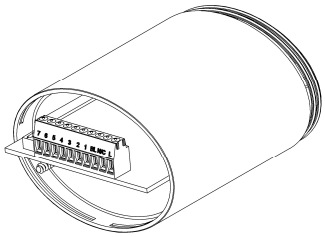


Stromversorgung

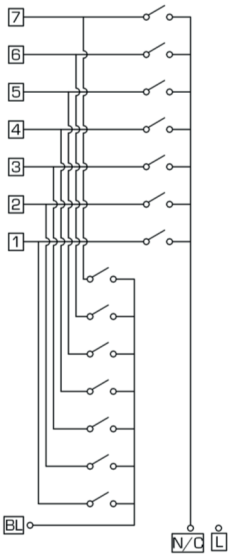


Stromversorgung

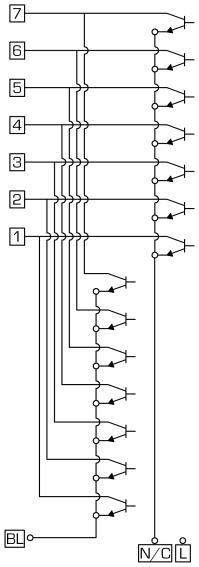
MULTI-FUNCTION CONNECTION BASE - 12/24V ACDC



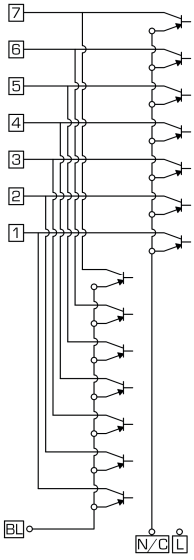
- BL: Blink Licht - Nur für Light Module
- N/C: Dauer Licht — Akustische-Element



Stromversorgung
(unpolarisiert)

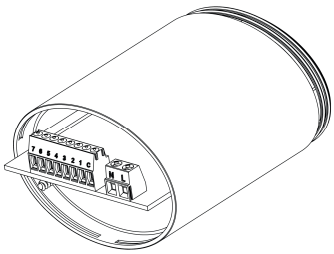


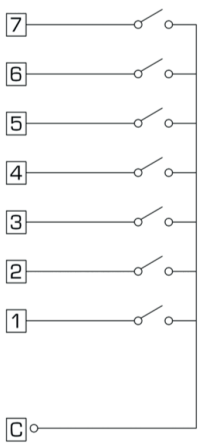
Stromversorgung



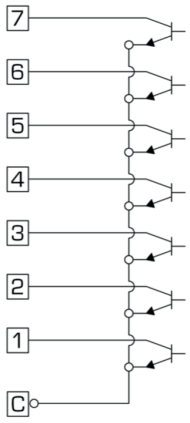
Stromversorgung

STEADY LIGHT CONNECTION BASE - 120/240V AC



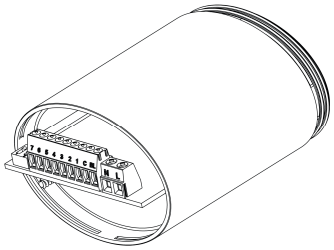


120/240V AC
N Stromversorgung
L (unpolarisiert)

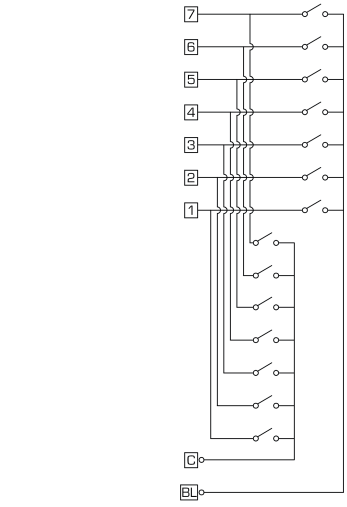


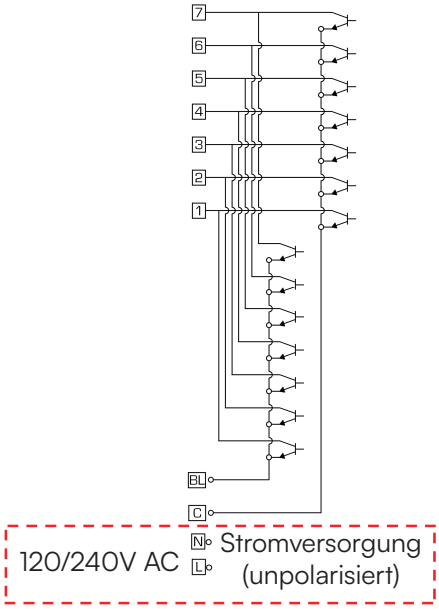
120/240V AC
N Stromversorgung
L (unpolarisiert)

MULTI-FUNCTION CONNECTION BASE - 120/240V AC



- BL: Blink Licht - Light Module
- N/C: Dauer Licht — Akustische-Element





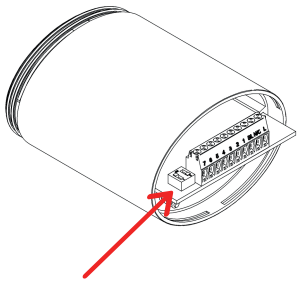
RGB MODULE

ACHTUNG: Ein oder zwei der Sieben Polen der Sockel-Klemmleiste sind vom RGB Element genutzt.
ACHTUNG: Peassembled Signal Tower RGB con Steady Light Connection Base funktioniert nur im NPN-Modus

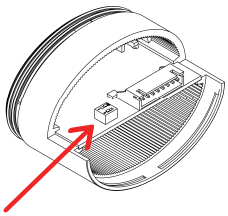
Kanal / Farbe	Rot	Grün	Blau	Violett	Gelb	Cyan	Weiß
CH1	X			X	X		X
CH2		X		X		X	X
CH3			X		X	X	X

BLINKMODUS

Steady Light Connection Base
Multi-Function Connection Base



RGB Module

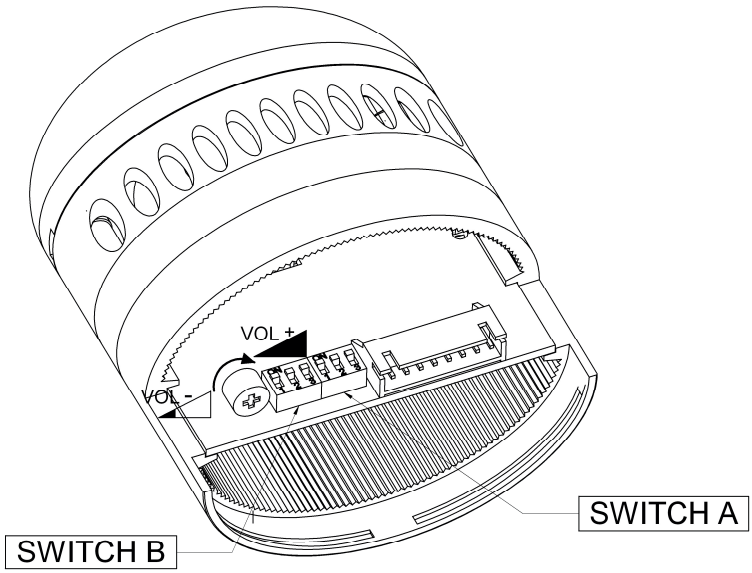


Modell / Switch	ON 1 2 OFF-OFF	ON 1 2 ON-OFF	ON 1 2 OFF - ON	ON 1 2 ON - ON
Steady / Multi-Function Connection Base	1 FLASH	2 FLASH	3 FLASH	5 FLASH
Preassembled Signal Tower RGB	STEADY	1 FLASH	3 FLASH	RANDOM

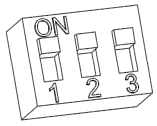
PIEZOELECTRIC ALARM - MAGNETODYNAMIC ALARM

ACHTUNG: Ein oder zwei der Sieben Polen der Sockel-Klemmleiste sind vom Piezoeletric Alarm e Magnetodynamic Alarm Element genutzt.

Piezoelectric Alarm	Magnetodynamic Alarm
C ÷ 1: Unterbrochene Tonfolge	C ÷ 1: Ton SWITCH A
C ÷ 2: Dauernde Tonfolge	C ÷ 2: Ton SWITCH B
⚠ C ÷ 2 hat die Priorität auf C ÷ 1	



EINSTELLUNGSBEISPIEL



ON=1
OFF=0

1 1 1

SWITCH A: BI-TONE
SWITCH B: LINEAR

SWITCH A SOUNDS							
N°	TONE	TONE TYPE	F (Hz)	TIMES	DIP SWITCH		
1	SIMULATED BELL		2600	0,1s	0	0	0
2	MODULATED		2000-2800	CICLE 0,5s	1	0	0
3	SWEEP X 3		500-1200	0.5s ON/0.5s OFF X 3 1.5s OFF	0	1	0
4	SWEEP		500-1200	3.5s ON/0.5s OFF	1	1	0
5	INTERMITTENT		970	1s ON/1s OFF	0	0	1
6	SWEEP		1500-2700	CICLE 0.35s	1	0	1
7	INTERMITTENT X 3		2600	0.5s ON/0.5s OFF X 3 - 1.5s OFF	0	1	1
8	BI-TONE		490-610	0.5s/0.5s	1	1	1

SWITCH B SOUNDS							
N°	TONE	TONE TYPE	F (Hz)	TIMES	DIP SWITCH		
1	SWEEP		2700-1500	CICLE 0.35s	0	0	0
2	LINEAR		2500	-	1	0	0
3	BI-TONE		2300-2600	0.465s/0.465s	0	1	0
4	BI-TONE		1000-2000	0.25s/0.25s	1	1	0
5	INTERMITTENT		490	0.5 ON/1s OFF	0	0	1
6	MODULATED		2800-2000	CICLE 0.5s	1	0	1
7	PLURI-TONE		500-1200	0.5s ON X 3 - 0.5s OFF	0	1	1
8	LINEAR		970	-	1	1	1

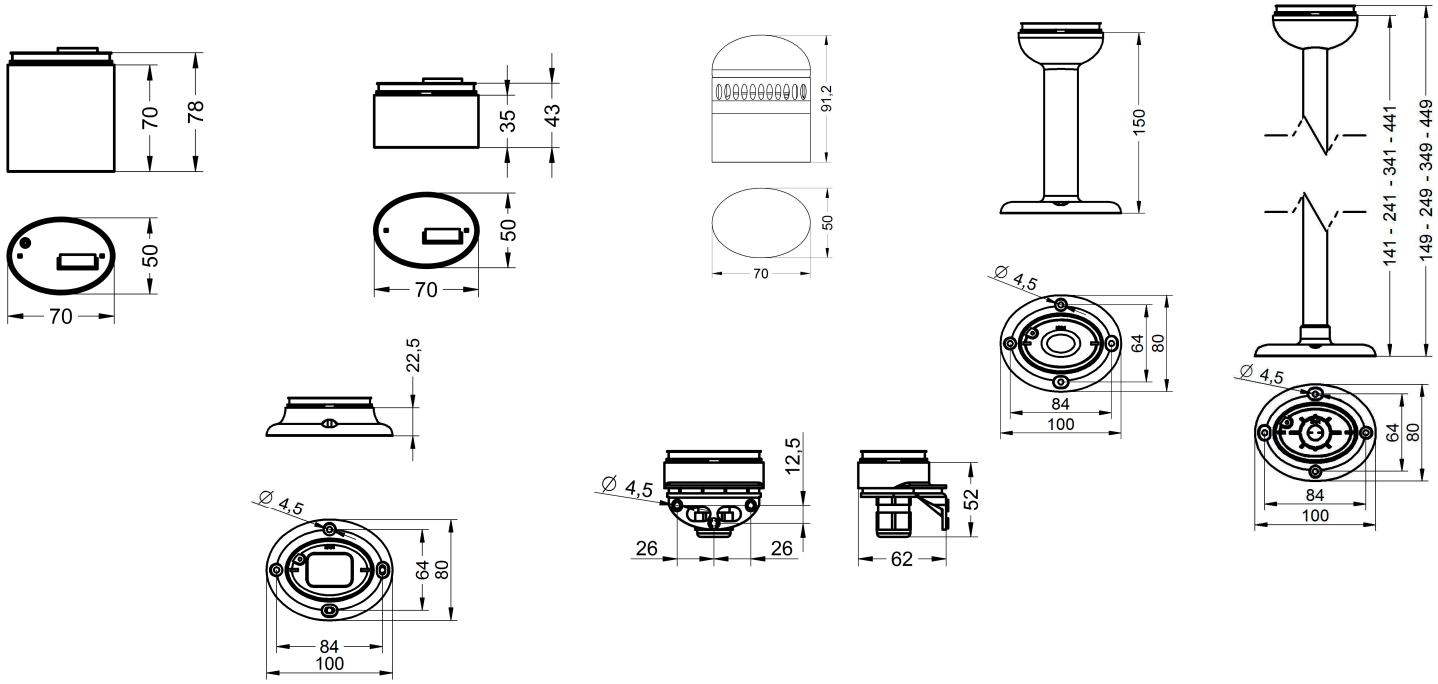
ELLYPTICAL LIGHT TOWER

INSTRUCCIONES DE INSTALACIÓN Y USO

ES

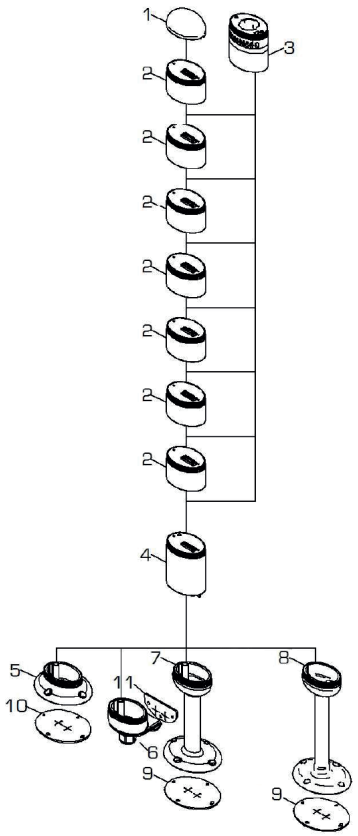
APROBACIONES

DIMENSIONAL



COMPONENTES

- **1.** Tapa
- **2.** Light Module
- **3.** Sound Module
- **4.** Connection Base
- **5.** Surface Mount Flat Base
- **6.** Wall Mount Base
- **7.** 150mm Extended Base
- **8.** Metal Tube Extended Base (200/300/400mm)
- **9.** Junta
- **10.** Junta



DATOS TÉCNICOS

T	-30°C +60°C	IP LIGHT MODULE	66	IP ACOUSTIC MODULE	65
Temperatura máxima del aire circundante 50°C					

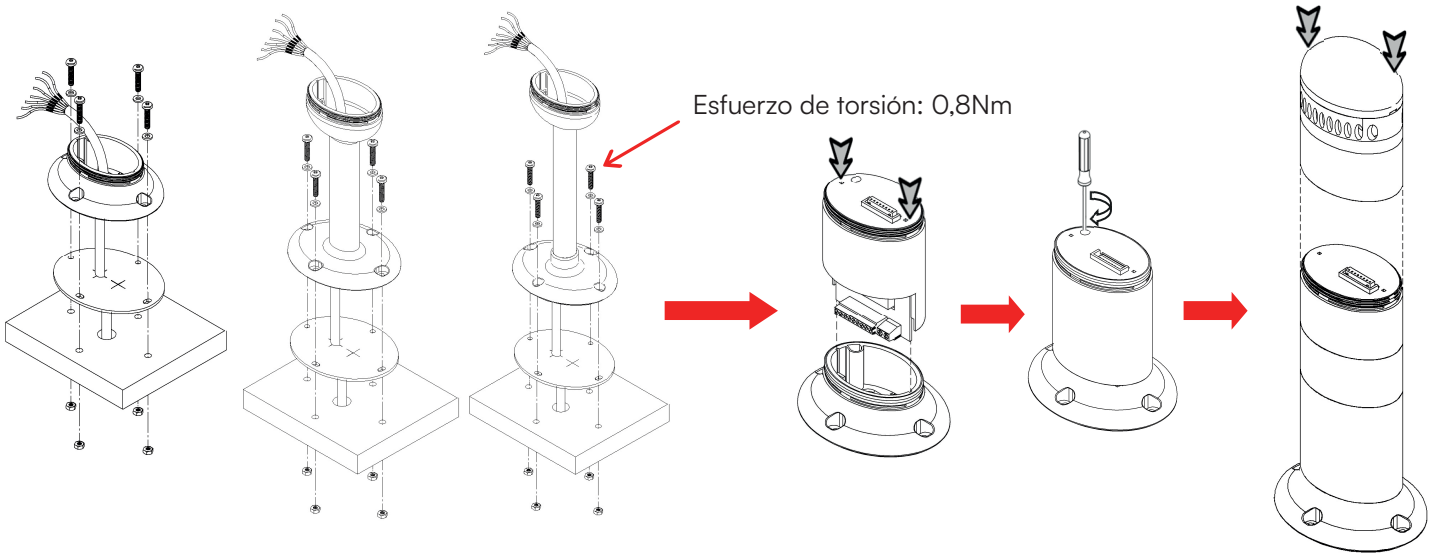
LIGHT MODULE						
Versión / V	12 ⎓	12 ∿50/60Hz	24 ⎓	24 ∿50/60Hz	120 ∿50/60Hz	240∿50/60Hz
STEADY LIGHT CONNECTION BASE	40mA	60mA	35mA	75mA	30mA	25mA
MULTI-FUNCTION CONNECTION BASE	55mA	120mA	50mA	110mA	30mA	25mA

RGB MODULE						
Versión / V	12 ⎓	12 ∿50/60Hz	24 ⎓	24 ∿50/60Hz	120 ∿50/60Hz	240∿50/60Hz
STEADY LIGHT CONNECTION BASE	70mA	105mA	75mA	155mA	35mA	25mA
MULTI-FUNCTION CONNECTION BASE	84mA	145mA	90mA	180mA	40mA	25mA

PIEZOLETRIC ALARM												
Versión / V	12 ⎓		12 ∿50/60Hz		24 ⎓		24 ∿50/60Hz		120 ∿50/60Hz		240∿50/60Hz	
	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA
STEADY LIGHT CONNECTION BASE	70	20	77	40	87	50	87	120	87	30	87	25
MULTI-FUNCTION CONNECTION BASE	67	30	77	80	87	65	87	130	87	30	87	25

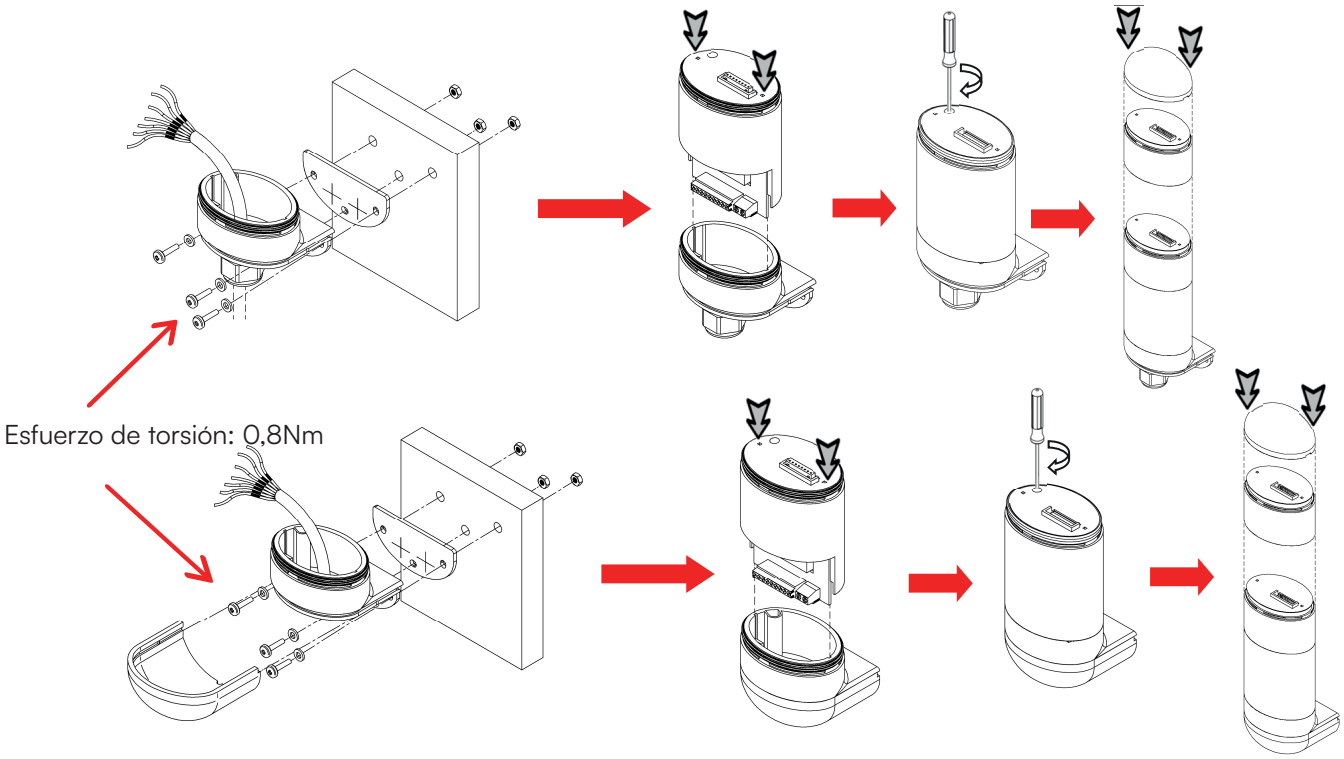
MAGNETODYNAMIC ALARM												
Versión / V	12 ⎓		12 ∿50/60Hz		24 ⎓		24 ∿50/60Hz		120 ∿50/60Hz		240∿50/60Hz	
	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA	dB(A)	mA
STEADY LIGHT CONNECTION BASE	87	100	87	200	90	200	90	450	90	100	90	50
MULTI-FUNCTION CONNECTION BASE	87	150	87	390	90	200	90	450	90	100	90	50

INSTALACIÓN



INSTRUCCIONES DE SEGURIDAD

⚠	LA INSTALACIÓN TIENE QUE SER EFECTUADA POR PERSONAL ESPECIALIZADO
⚠	VERIFICAR QUE LA TENSIÓN DE ALIMENTACIÓN DE LOS MÓDULOS DE SEÑALACIÓN SEA LA MISMA DE LA RED
⚠	EN LA LÍNEA DE ALIMENTACIÓN EMPLEAR FUSIBLES LENTOS ADECUADOS SEGÚN EL VOLTAJE



ATENCIÓN: El Módulo Acústico ocupa 1 o 2 de los 7 canales de la bornera de la base. El módulo acústico tiene que ser colocado siempre por encima de la columna luminosa.

CONEXIÓN ELÉCTRICA

2 - 3 - 4 COLOUR LIGHT TOWER STEADY 12/24V ACDC

C: CABLE GRIS
1-2-3-4: CABLE NEGRO (MÓDULO LUMINOSO)

2 - 3 - 4 COLOUR LIGHT TOWER MULTI-EFFECT 12/24V ACDC

L: CABLE ROJO
N: CABLE NEGRO
BL: CABLE VERDE
1-2-3-4: CABLE NEGRO (MÓDULO LUMINOSO)

2 - 3 - 4 COLOUR LIGHT TOWER STEADY 120/240V AC

L: CABLE MARRÓN
N: CABLE AZUL
C: CABLE GRIS
1-2-3-4: CABLE NEGRO (MÓDULO LUMINOSO)

2 - 3 - 4 COLOUR LIGHT TOWER MULTI-EFFECT 120/240V AC

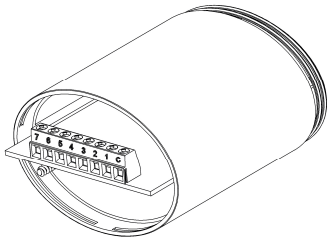
L: CABLE MARRÓN
N: CABLE AZUL
BL: CABLE VERDE
C: CABLE GRIS
1-2-3-4: CABLE NEGRO (MÓDULO LUMINOSO)

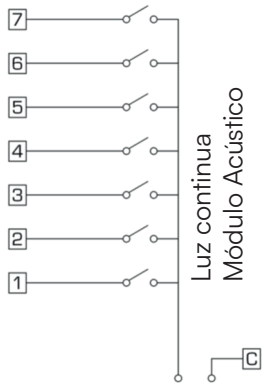
1 - 2 PREASSEMBLED SIGNAL TOWER RGB 12/24V ACDC

C: CABLE GRIS
1-2-3: CABLE NEGRO (PRIMER MÓDULO FUNCIONES RGB)
4-5-6: CABLE NEGRO (FUNCIONES SEGÚN MÓDULO RGB)

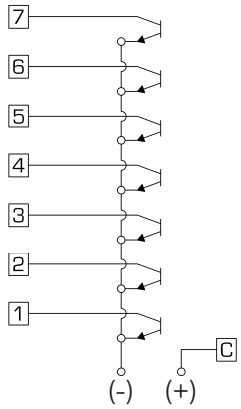
ATENCIÓN: La sección recomendada del cable de alimentación es 0,5 mm AWG range: 14 — 30 SOL y STR o equivalente

STEADY LIGHT CONNECTION BASE - 12/24V ACDC

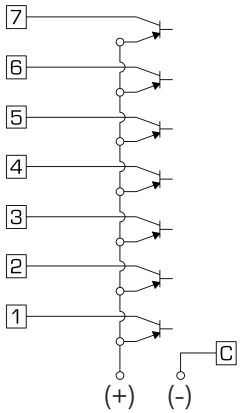




Fuente de alimentación (no polarizado)

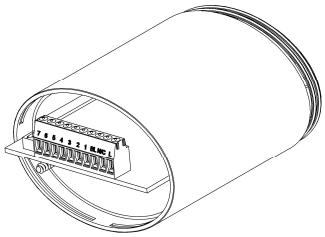


Fuente de alimentación

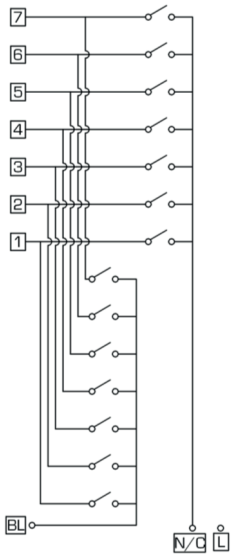


Fuente de alimentación

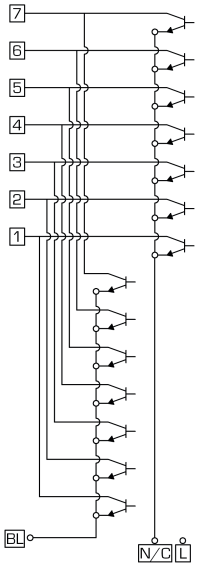
MULTI-FUNCTION CONNECTION BASE - 12/24V ACDC



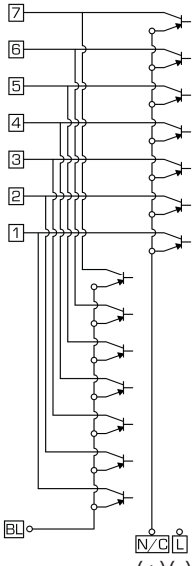
- BL: Luz intermitente - Sólo para Light Module
- N/C: Luz fija — Módulo acústico



Fuente de alimentación (no polarizado)

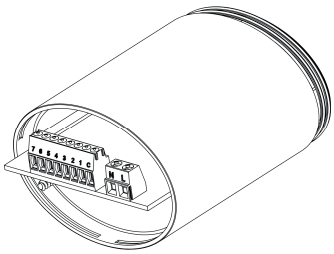


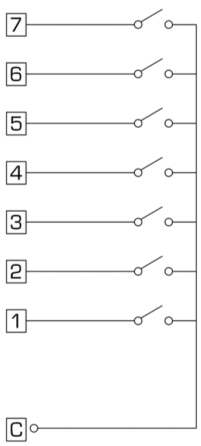
Fuente de alimentación



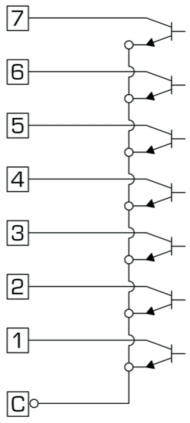
Fuente de alimentación

STEADY LIGHT CONNECTION BASE - 120/240V AC



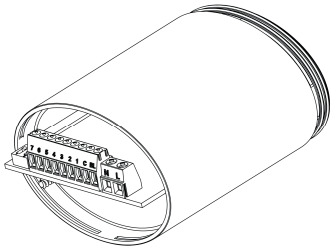


120/240V AC N L Fuente de alimentación (no polarizado)

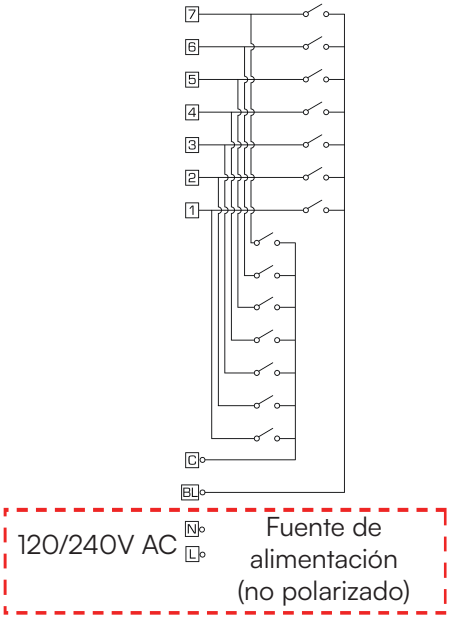


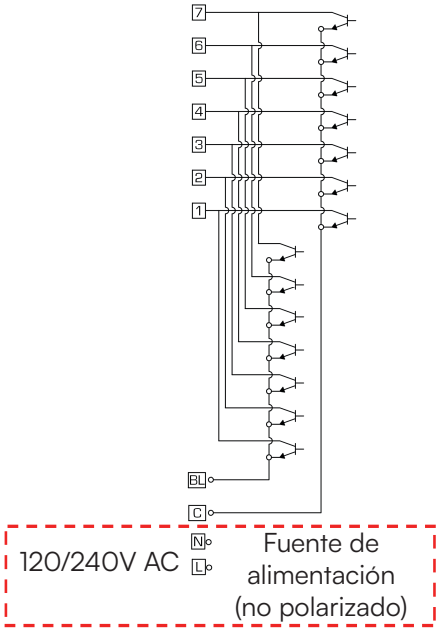
120/240V AC N L Fuente de alimentación (no polarizado)

MULTI-FUNCTION CONNECTION BASE - 120/240V AC



- BL: Luz intermitente - Sólo para Light Module
- N/C: Luz fija — Módulo acústico





RGB MODULE

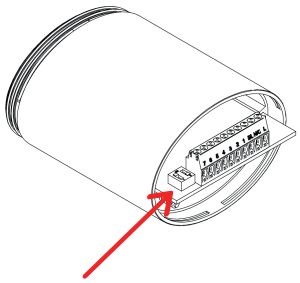
ATENCIÓN: El módulo RGB ocupa 1 o 2 de los 7 canales de la bornera de la base

ATENCIÓN: Peassembled Signal Tower RGB con Steady Light Connection Base funciona solo en modo NPN

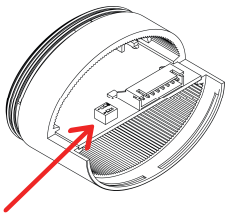
Canal \ Color	Rojo	Verde	Azul	Violeta	Amarillo	Cian	Blanco
CH1	X			X	X		X
CH2		X		X		X	X
CH3			X		X	X	X

MODO INTERMITENTE

Steady Light Connection Base
Multi-Function Connection Base



RGB Module

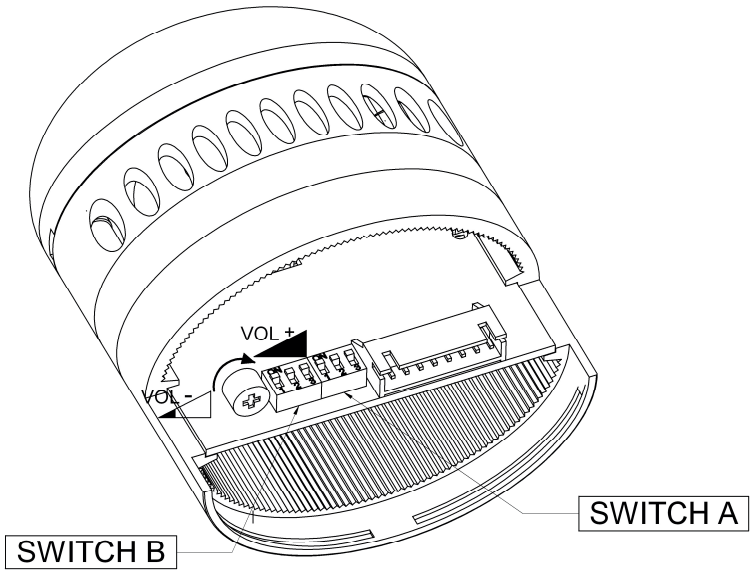


Switch / Modelo	ON 1 2 OFF-OFF	ON 1 2 ON-OFF	ON 1 2 OFF - ON	ON 1 2 ON - ON
Steady / Multi-Function Connection Base	1 FLASH	2 FLASH	3 FLASH	5 FLASH
Preassembled Signal Tower RGB	STEADY	1 FLASH	3 FLASH	RANDOM

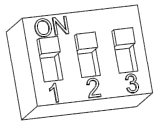
PIEZOELECTRIC ALARM - MAGNETODYNAMIC ALARM

ATENCIÓN: El módulo Piezoeletric Alarm e Magnetodynamic Alarm ocupa 1 o 2 de los 7 canales de la bornera de la base.

Piezoelectric Alarm	Magnetodynamic Alarm
C ÷ 1: Sonido intermitente	C ÷ 1: Sonido SWITCH A
C ÷ 2: Sonido fijo	C ÷ 2: Sonido SWITCH B
⚠ C ÷ 2 tiene prioridad en C ÷ 1	



EJEMPLO DE AJUSTE



ON=1
OFF=0

1 1 1

SWITCH A: BI-TONE
SWITCH B: LINEAR

SWITCH A SOUNDS							
N°	TONE	TONE TYPE	F (Hz)	TIMES	DIP SWITCH		
1	SIMULATED BELL		2600	0,1s	0	0	0
2	MODULATED		2000-2800	CICLE 0,5s	1	0	0
3	SWEEP X 3		500-1200	0.5s ON/0.5s OFF X 3 1.5s OFF	0	1	0
4	SWEEP		500-1200	3.5s ON/0.5s OFF	1	1	0
5	INTERMITTENT		970	1s ON/1s OFF	0	0	1
6	SWEEP		1500-2700	CICLE 0.35s	1	0	1
7	INTERMITTENT X 3		2600	0.5s ON/0.5s OFF X 3 - 1.5s OFF	0	1	1
8	BI-TONE		490-610	0.5s/0.5s	1	1	1

SWITCH B SOUNDS							
N°	TONE	TONE TYPE	F (Hz)	TIMES	DIP SWITCH		
1	SWEEP		2700-1500	CICLE 0.35s	0	0	0
2	LINEAR		2500	-	1	0	0
3	BI-TONE		2300-2600	0.465s/0.465s	0	1	0
4	BI-TONE		1000-2000	0.25s/0.25s	1	1	0
5	INTERMITTENT		490	0.5 ON/1s OFF	0	0	1
6	MODULATED		2800-2000	CICLE 0.5s	1	0	1
7	PLURI-TONE		500-1200	0.5s ON X 3 - 0.5s OFF	0	1	1
8	LINEAR		970	-	1	1	1