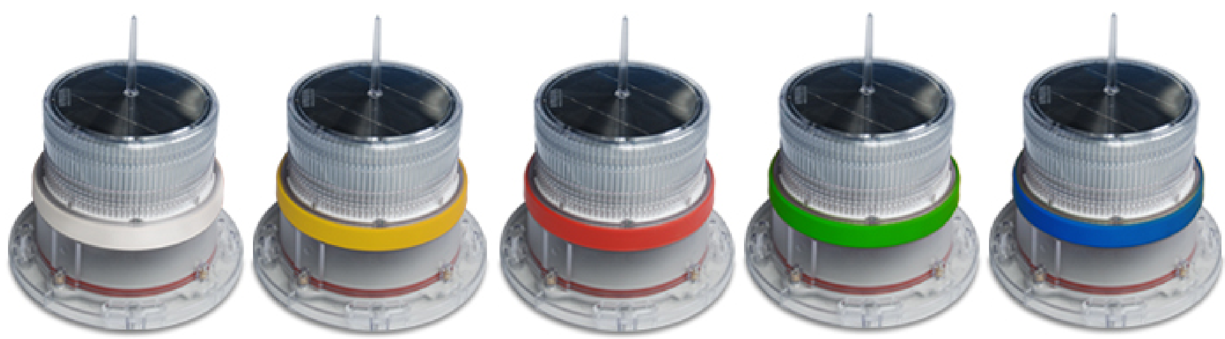
ML201A

Lampa de balizaj maritime alimentata cu energie solara

Descriere:
Lampa de balizaj Aexio ML201A, este ideala pentru marcarea obstacolelor marine, acvacultura, navigatie, iluminarea perimetrului si pentru multe alte aplicatii.

Caracteristici:

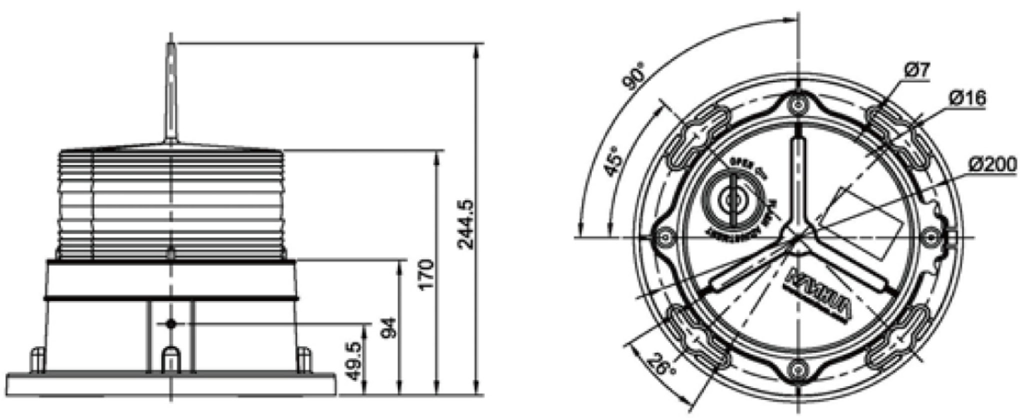
- Intensitate 10cd
- Spectru vizibi >2.5 nm
- Culori disponibile: rosu, galben, verde, albastru, alb
- Radiatie pe orizontala 360gr
- Radiatie pe verticala >9gr
- Sursa luminoasa: LED
- Autonomie: >20 zile (12 ore intuneric, 12,5% ciclu de folosire}
- Dotata cu controler amurg/zori: pornit/oprit 300lux +/- 100lux
- Rata de flash: conforma cu recomandarile IALA, in total 256 (disponibila si cu lumina continua}
- Modul solar de tipul: Multicristalin
- Putere: 1,8 Wati
- Baterie: NiMH – ecologica
- Capacitate baterie: 3,6V/ 8 AH
- Carcasa:UV rezistenta
- Protectie: IP68
- Greutate: 1,7 KG
- Temperatura ambientala: -30 gr C + 70 gr C
- Dimensiuni: H: 170 mm, D: 228 mm
- Personalizate: alimentare externa sau/sau control cu infrarosu
- Disponibile cu alimentare externa si/sau control infrarosu



Functii & Caracteristici

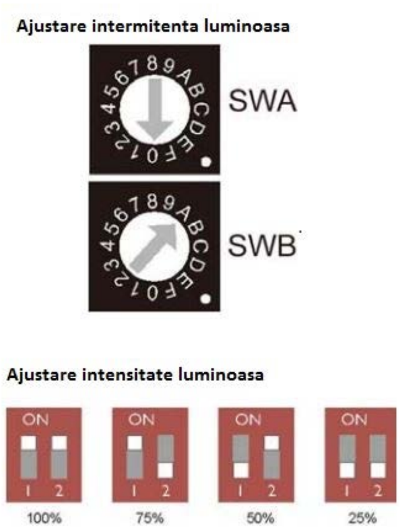
- Bazate pe tehnologie LED si colorit in conformitate cu recomandarile IALA E-200-1
- Design integrat, care permite o sigilare robusta sii complete, impenetrabila, rezistenta la o imersiune profunda (IP68)
- Carcasa de plastic, rezistenta UV, la socuri si coroziune
- Cu tepusa contra pasarilor
- 256 rate de flash, conforme cu IALA
- Intensitatea poate fi ajustata 25%, 50%, 75% sau 100% din intensitatea totala
- Cu celula foto
- Carcasa asigurata cu fir de otel pentru a preveni caderea la montaj sau setare
- Dotata cu baterie NiMH, usor de inlocuit
- Extrem de fiabile, salveaza costuri la intretinere

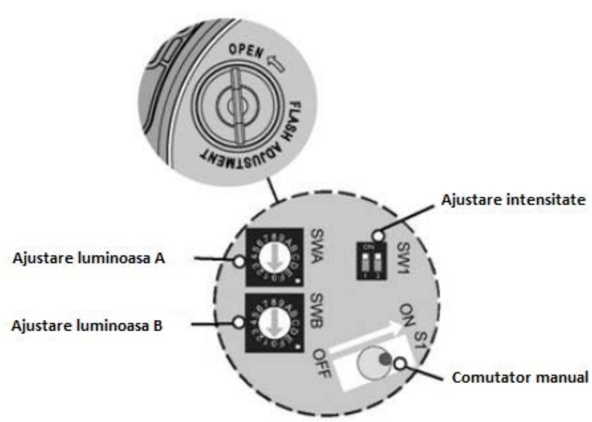
Dimensiuni mecanice



Pentru montare este nevoie de suruburi 4xM6

Reglaje





Comutatorul de deschis inchis se regleaza prin comutarea lui in lateral spre On sau Off. Cand este in starea On, lampa de balizaj va functiona doar cand iluminatul exterior va fi ≤ 300 lx ± 100lx.
Reglarea ratei luminoase: prin ajustarea comutatoarelor SWA si SWB fiecare grup de reglare corespunde unui tip de iluminare, corespunzand celor 250 de moduri de iluminare conform celor 6 anexe.

Cod Luminos	Definitie
F	fix
FL	Flashing in rate fixe, de exemplu: FL (2) 5.5 S doua intermitente la fiecare 5.5 secunde
Q	Intermitent
VQ	Intermitent rapid
OC	Iluminat sis tins, timpul de iluminat mai mare decat cel stins
ISO	Iluminat egal, timpul de iluminat egal cu cel de stins
LFL	Timp indelungat, intermitenta lunga
MO	Semnal morse, inclusive litere

Instructiuni si operare

Cititi manualul de utilizare inainte de folosirea produsului.
Lampa de balizaj trebuie montata intr-un loc unde lumina solara poate fi receptionata in intregime, pentru a asigura o functionare continua.
Fixati lampa perpendicular pe suprafata de montare care trebuie sa fie neteda si suficient de rezistenta mecanic.
Daca la prima montare lampa nu va functiona sau va avea intensitate scazuta in mediul intunecos, trebuie sa expuneti lampa la lumina solara pentru cel putin 12 ore si atunci ea va functiona in mod correct.
Daca stocati lamp ape o perioada mai mare de timp, trebuie sa treceti comutatorul manual pe pozitia OFF, sa o tineti intr-un mediu cu umiditate scazuta si loc uscat. La fiecare jumatate de an expuneti lampa la lumina soarelui pentru 5 zile pentru a asigura capacitatea bateriei.
Comutatorul manual instalat in partea de jos, pentru a proteja bacteria in timpul transportului si al depozitarii, este setat la iesirea din fabrica pe pozitia Off, Codul Flash – FL3S, SWA=1, SWB=B, intensitate 75%. Comutati pe On inainte de instalare sau test, apoi ajustati intensitatea su intermitenta.
Pentru intrebari legate de functionare va rugam sa ne contactati.

Aplicatii

SWITCH		FLASH CODE	ON	OFF
SWA	**SWB**			
0	0	F (Steady light)		
0	1	VQ 0.5 S	0.2	0.3
0	2	VQ 0.6 S	0.2	0.4
0	3	VQ 0.6 S	0.3	0.3
0	4	Q 1 S	0.2	0.8
0	5	Q 1 S	0.3	0.7
0	6	Q 1 S	0.4	0.6
0	7	Q 1 S	0.5	0.5
0	8	Q 1 S	0.8	0.2
0	9	Q 1.2 S	0.3	0.9
0	A	Q 1.2 S	0.5	0.7
0	B	Q 1.2 S	0.6	0.6
0	C	FL 1.5 S	0.2	1.3
0	D	FL 1.5 S	0.3	1.2
0	E	FL 1.5 S	0.4	1.1
0	F	FL 1.5 S	0.5	1
1	0	FL 2 S	0.2	1.8
1	1	FL 2 S	0.3	1.7
1	2	FL 2 S	0.4	1.6
1	3	FL 2 S	0.5	1.5
1	4	FL 2 S	0.7	1.3
1	5	FL 2 S	0.8	1.2
1	6	ISO 2 S	1	1
1	7	FL 2.5 S	0.3	2.2
1	8	FL 2.5 S	0.5	2
1	9	FL 2.5 S	1	1.5
1	A	FL 3 S	0.2	2.8
1	B	FL 3 S	0.3	2.7
1	C	FL 3 S	0.4	2.6
1	D	FL 3 S	0.5	2.5
1	E	FL 3 S	0.6	2.4
1	F	FL 3 S	0.7	2.3

SWITCH		FLASH CODE	ON	OFF
SWA	**SWB**			
4	0	FL 6 S	0.6	5.4
4	1	FL 6 S	1	5
4	2	FL 6 S	1.2	4.8
4	3	FL 6 S	1.5	4.5
4	4	ISO 6 S	3	3
4	5	LFL 6 S	2	4
4	6	OC 6 S	4	2
4	7	OC 6 S	4.5	1.5
4	8	OC 6 S	5	1
4	9	FL 7 S	1	6
4	A	FL 7 S	2	5
4	B	OC 7 S	4.5	2.5
4	C	FL 7.5 S	0.5	7
4	D	FL 7.5 S	0.8	6.7
4	E	FL 8 S	0.5	7.5
4	F	FL 8 S	1	7
5	0	ISO 8 S	4	4
5	1	LFL 8 S	2	6
5	2	OC 8 S	5	3
5	3	LFL 8 S	3	5
5	4	FL 9 S	0.9	8.1
5	5	FL 9 S	1	8
5	6	OC 9 S	6	3
5	7	FL 10 S	0.2	9.8
5	8	FL 10 S	0.3	9.7
5	9	FL 10 S	0.5	9.5
5	A	FL 10 S	0.8	9.2
5	B	FL 10 S	1	9
5	C	FL 10 S	1.5	8.5
5	D	LFL 10 S	2	8
5	E	LFL 10 S	3	7
5	F	ISO 10 S	5	5

SWITCH		FLASH CODE	ON	OFF
SWA	**SWB**			
2	0	FL 3 S	1	2
2	1	ISO 3 S	1.5	1.5
2	2	OC 3 S	2	1
2	3	OC 3 S	2.5	0.5
2	4	OC 3.5 S	2.5	1
2	5	FL 4 S	0.2	3.8
2	6	FL 4 S	0.3	3.7
2	7	FL 4 S	0.4	3.6
2	8	FL 4 S	0.5	3.5
2	9	FL 4 S	0.6	3.4
2	A	FL 4 S	0.8	3.2
2	B	FL 4 S	1	3
2	C	FL 4 S	1.5	2.5
2	D	ISO 4 S	2	2
2	E	OC 4 S	2.5	1.5
2	F	OC 4 S	3	1
3	0	FL 4.3 S	1.3	3
3	1	FL 5 S	0.2	4.8
3	2	FL 5 S	0.3	4.7
3	3	FL 5 S	0.5	4.5
3	4	FL 5 S	0.9	4.1
3	5	FL 5 S	1	4
3	6	FL 5 S	1.5	3.5
3	7	ISO 5 S	2.5	2.5
3	8	LFL 5 S	2	3
3	9	OC 5 S	3	2
3	A	OC 5 S	4	1
3	B	OC 5 S	4.5	0.5
3	C	FL 6 S	0.2	5.8
3	D	FL 6 S	0.3	5.7
3	E	FL 6 S	0.4	5.6
3	F	FL 6 S	0.5	5.5

SWITCH		FLASH CODE	ON	OFF
SWA	**SWB**			
6	0	LFL 10 S	4	6
6	1	OC 10 S	6	4
6	2	OC 10 S	7	3
6	3	OC 10 S	7.5	2.5
6	4	FL 12 S	1.2	10.8
6	5	FL 12 S	2.5	9.5
6	6	LFL 12 S	2	10
6	7	FL 15 S	1	14
6	8	LFL 15 S	4	11
6	9	OC 15 S	10	5
6	A	LFL 20 S	2	18
6	B	FL 26 S	1	25

SWITCH		*FLASH CODE*	*ON*	*OFF*	*ON*	*OFF*
SWA	**SWB**					
6	C	FL (2) 4 S	0.5	1	0.5	2
6	D	VQ (2) 4 S	0.2	1	0.2	2.6
6	E	FL (2) 4.5 S	0.3	1	0.3	2.9
6	F	FL (2) 4.5 S	0.4	1	0.4	2.7
7	0	FL (2) 4.5 S	0.5	1	0.5	2.5
7	1	FL (2) 5 S	0.2	0.8	0.2	3.8
7	2	FL (2) 5 S	0.2	1.2	0.2	3.4
7	3	FL (2) 5 S	0.4	0.6	0.4	3.6
7	4	FL (2) 5 S	0.5	1	0.5	3
7	5	FL (2) 5 S	1	1	1	2
7	6	Q (2) 5 S	0.3	0.7	0.3	3.7
7	7	Q (2) 5 S	0.5	0.5	0.5	3.5
7	8	FL (2) 5.5 S	0.4	1.4	0.4	3.3
7	9	FL (2) 6 S	0.3	0.6	1	4.1
7	A	FL (2) 6 S	0.3	0.9	0.3	4.5
7	B	FL (2) 6 S	0.3	1	0.3	4.4
7	C	FL (2) 6 S	0.4	1	0.4	4.2
7	D	FL (2) 6 S	0.5	1	0.5	4
7	E	FL (2) 6 S	0.8	1.2	0.8	3.2
7	F	FL (2) 6 S	1	1	1	3
8	0	Q (2) 6 S	0.3	0.7	0.3	4.7
8	1	FL (2) 7 S	1	1	1	4
8	2	FL (2) 8 S	0.4	0.6	2	5
8	3	FL (2) 8 S	0.4	1	0.4	6.2
8	4	FL (2) 8 S	0.5	1	0.5	6
8	5	FL (2) 8 S	0.8	1.2	2.4	3.6
8	6	FL (2) 8 S	1	1	1	5
8	7	OC (2) 8 S	3	2	1	2
8	8	OC (2) 8 S	5	1	1	1
8	9	VQ (2) 8 S	0.2	1	0.2	6.6
8	A	FL (2) 10 S	0.4	1.6	0.4	7.6
8	B	FL (2) 10 S	0.5	0.5	1.5	7.5
8	C	FL (2) 10 S	0.5	1	0.5	8
8	D	FL (2) 10 S	0.5	1.5	0.5	7.5
8	E	FL (2) 10 S	0.5	2	0.5	7
8	F	FL (2) 10 S	0.8	1.2	0.8	7.2

SWITCH		FLASH CODE	ON	OFF	ON	OFF
SWA	**SWB**					
6	C	FL (2) 4 S	0.5	1	0.5	2
6	D	VQ (2) 4 S	0.2	1	0.2	2.6
6	E	FL (2) 4.5 S	0.3	1	0.3	2.9
6	F	FL (2) 4.5 S	0.4	1	0.4	2.7
7	0	FL (2) 4.5 S	0.5	1	0.5	2.5
7	1	FL (2) 5 S	0.2	0.8	0.2	3.8
7	2	FL (2) 5 S	0.2	1.2	0.2	3.4
7	3	FL (2) 5 S	0.4	0.6	0.4	3.6
7	4	FL (2) 5 S	0.5	1	0.5	3
7	5	FL (2) 5 S	1	1	1	2
7	6	Q (2) 5 S	0.3	0.7	0.3	3.7
7	7	Q (2) 5 S	0.5	0.5	0.5	3.5
7	8	FL (2) 5.5 S	0.4	1.4	0.4	3.3
7	9	FL (2) 6 S	0.3	0.6	1	4.1
7	A	FL (2) 6 S	0.3	0.9	0.3	4.5
7	B	FL (2) 6 S	0.3	1	0.3	4.4
7	C	FL (2) 6 S	0.4	1	0.4	4.2
7	D	FL (2) 6 S	0.5	1	0.5	4
7	E	FL (2) 6 S	0.8	1.2	0.8	3.2
7	F	FL (2) 6 S	1	1	1	3
8	0	Q (2) 6 S	0.3	0.7	0.3	4.7
8	1	FL (2) 7 S	1	1	1	4
8	2	FL (2) 8 S	0.4	0.6	2	5
8	3	FL (2) 8 S	0.4	1	0.4	6.2
8	4	FL (2) 8 S	0.5	1	0.5	6
8	5	FL (2) 8 S	0.8	1.2	2.4	3.6
8	6	FL (2) 8 S	1	1	1	5
8	7	OC (2) 8 S	3	2	1	2
8	8	OC (2) 8 S	5	1	1	1
8	9	VQ (2) 8 S	0.2	1	0.2	6.6
8	A	FL (2) 10 S	0.4	1.6	0.4	7.6
8	B	FL (2) 10 S	0.5	0.5	1.5	7.5
8	C	FL (2) 10 S	0.5	1	0.5	8
8	D	FL (2) 10 S	0.5	1.5	0.5	7.5
8	E	FL (2) 10 S	0.5	2	0.5	7
8	F	FL (2) 10 S	0.8	1.2	0.8	7.2

SWITCH		FLASH CODE	ON	OFF	ON	OFF	ON	OFF
SWA	**SWB**							
9	B	Q (3) 5 S	0.5	0.5	0.5	0.5	0.5	2.5
9	C	VQ (3) 5 S	0.2	0.3	0.2	0.3	0.2	3.8
9	D	VQ (3) 5 S	0.3	0.2	0.3	0.2	0.3	3.7
9	E	VQ (3) 5 S	0.3	0.3	0.3	0.3	0.3	3.5
9	F	FL (3) 6 S	0.5	1	0.5	1	0.5	2.5
A	0	FL (2+1) 6 S	0.3	0.4	0.3	1.2	0.3	3.5
A	1	Q (3) 6 S	0.3	0.7	0.3	0.7	0.3	3.7
A	2	FL (3) 8 S	0.5	1	0.5	1	0.5	4.5
A	3	FL (3) 9 S	0.3	1	0.3	1	0.3	6.1
A	4	FL (3) 9 S	0.8	1.2	0.8	1.2	0.8	4.2
A	5	FL (3) 10 S	0.3	0.7	0.3	0.7	0.9	7.1
A	6	FL (3) 10 S	0.4	0.6	0.4	0.6	1.2	6.8
A	7	FL (3) 10 S	0.5	0.5	0.5	0.5	0.5	7.5
A	8	FL (3) 10 S	0.5	1.5	0.5	1.5	0.5	5.5
A	9	FL (3) 10 S	0.6	0.6	0.6	0.6	0.6	7
A	A	FL (3) 10 S	1	1	1	1	1	5
A	B	FL (2+1) 10 S	0.5	0.7	0.5	2.1	0.5	5.7
A	C	OC (3) 10 S	5	1	1	1	1	1
A	D	Q (3) 10 S	0.3	0.7	0.3	0.7	0.3	7.7
A	E	FL (2 + 1) 10 S	0.5	0.5	0.5	0.5	1.5	6.5
A	F	FL (3) 12 S	0.5	1.5	0.5	1.5	0.5	7.5
B	0	FL (3) 12 S	0.5	2	0.5	2	0.5	6.5
B	1	FL (3) 12 S	0.8	1.2	0.8	1.2	0.8	7.2
B	2	FL (3) 12 S	1	1	1	3	1	5
B	3	FL (2+1) 12 S	0.8	1.2	0.8	2.4	0.8	6
B	4	FL (2+1) 12 S	1	1	1	4	1	4
B	5	FL (2+1) 13.5 S	1	1	1	4	1	5.5
B	6	FL (3) 15 S	0.3	1.7	0.3	1.7	0.3	10.7
B	7	FL (3) 15 S	0.4	1	0.4	1	0.4	11.8
B	8	FL (3) 15 S	0.5	1.5	0.5	1.5	0.5	10.5
B	9	FL (2+1) 15 S	0.6	0.3	0.6	0.3	1.4	11.8
B	A	FL (2+1) 15 S	0.7	0.5	0.7	0.5	1.9	10.7
B	B	FL (2+1) 15 S	0.7	0.7	0.7	0.7	2.1	10.1
B	C	FL (2+1) 15 S	1	2	1	5	1	5
B	D	VQ (3) 15 S	0.1	0.5	0.1	0.5	0.1	13.7
B	E	FL (3) 20 S	0.5	3	0.5	3	0.5	12.5
B	F	FL (3) 20 S	0.5	1.5	0.5	1.5	0.5	15.5
C	0	FL (3) 20 S	0.8	1.2	0.8	1.2	0.8	15.2
C	1	FL (3) 20 S	1	1	1	1	1	15

SWITCH		FLASH CODE	ON	OFF	ON	OFF	ON	OFF
SWA	**SWB**							
9	B	Q (3) 5 S	0.5	0.5	0.5	0.5	0.5	2.5
9	C	VQ (3) 5 S	0.2	0.3	0.2	0.3	0.2	3.8
9	D	VQ (3) 5 S	0.3	0.2	0.3	0.2	0.3	3.7
9	E	VQ (3) 5 S	0.3	0.3	0.3	0.3	0.3	3.5
9	F	FL (3) 6 S	0.5	1	0.5	1	0.5	2.5
A	0	FL (2+1) 6 S	0.3	0.4	0.3	1.2	0.3	3.5
A	1	Q (3) 6 S	0.3	0.7	0.3	0.7	0.3	3.7
A	2	FL (3) 8 S	0.5	1	0.5	1	0.5	4.5
A	3	FL (3) 9 S	0.3	1	0.3	1	0.3	6.1
A	4	FL (3) 9 S	0.8	1.2	0.8	1.2	0.8	4.2
A	5	FL (3) 10 S	0.3	0.7	0.3	0.7	0.9	7.1
A	6	FL (3) 10 S	0.4	0.6	0.4	0.6	1.2	6.8
A	7	FL (3) 10 S	0.5	0.5	0.5	0.5	0.5	7.5
A	8	FL (3) 10 S	0.5	1.5	0.5	1.5	0.5	5.5
A	9	FL (3) 10 S	0.6	0.6	0.6	0.6	0.6	7
A	A	FL (3) 10 S	1	1	1	1	1	5
A	B	FL (2+1) 10 S	0.5	0.7	0.5	2.1	0.5	5.7
A	C	OC (3) 10 S	5	1	1	1	1	1
A	D	Q (3) 10 S	0.3	0.7	0.3	0.7	0.3	7.7
A	E	FL (2 + 1) 10 S	0.5	0.5	0.5	0.5	1.5	6.5
A	F	FL (3) 12 S	0.5	1.5	0.5	1.5	0.5	7.5
B	0	FL (3) 12 S	0.5	2	0.5	2	0.5	6.5
B	1	FL (3) 12 S	0.8	1.2	0.8	1.2	0.8	7.2
B	2	FL (3) 12 S	1	1	1	3	1	5
B	3	FL (2+1) 12 S	0.8	1.2	0.8	2.4	0.8	6
B	4	FL (2+1) 12 S	1	1	1	4	1	4
B	5	FL (2+1) 13.5 S	1	1	1	4	1	5.5
B	6	FL (3) 15 S	0.3	1.7	0.3	1.7	0.3	10.7
B	7	FL (3) 15 S	0.4	1	0.4	1	0.4	11.8
B	8	FL (3) 15 S	0.5	1.5	0.5	1.5	0.5	10.5
B	9	FL (2+1) 15 S	0.6	0.3	0.6	0.3	1.4	11.8
B	A	FL (2+1) 15 S	0.7	0.5	0.7	0.5	1.9	10.7
B	B	FL (2+1) 15 S	0.7	0.7	0.7	0.7	2.1	10.1
B	C	FL (2+1) 15 S	1	2	1	5	1	5
B	D	VQ (3) 15 S	0.1	0.5	0.1	0.5	0.1	13.7
B	E	FL (3) 20 S	0.5	3	0.5	3	0.5	12.5
B	F	FL (3) 20 S	0.5	1.5	0.5	1.5	0.5	15.5
C	0	FL (3) 20 S	0.8	1.2	0.8	1.2	0.8	15.2
C	1	FL (3) 20 S	1	1	1	1	1	15

SWITCH		FLASH CODE	ON	OFF	ON	OFF	ON	OFF
SWA	**SWB**							
9	B	Q (3) 5 S	0.5	0.5	0.5	0.5	0.5	2.5
9	C	VQ (3) 5 S	0.2	0.3	0.2	0.3	0.2	3.8
9	D	VQ (3) 5 S	0.3	0.2	0.3	0.2	0.3	3.7
9	E	VQ (3) 5 S	0.3	0.3	0.3	0.3	0.3	3.5
9	F	FL (3) 6 S	0.5	1	0.5	1	0.5	2.5
A	0	FL (2+1) 6 S	0.3	0.4	0.3	1.2	0.3	3.5
A	1	Q (3) 6 S	0.3	0.7	0.3	0.7	0.3	3.7
A	2	FL (3) 8 S	0.5	1	0.5	1	0.5	4.5
A	3	FL (3) 9 S	0.3	1	0.3	1	0.3	6.1
A	4	FL (3) 9 S	0.8	1.2	0.8	1.2	0.8	4.2
A	5	FL (3) 10 S	0.3	0.7	0.3	0.7	0.9	7.1
A	6	FL (3) 10 S	0.4	0.6	0.4	0.6	1.2	6.8
A	7	FL (3) 10 S	0.5	0.5	0.5	0.5	0.5	7.5
A	8	FL (3) 10 S	0.5	1.5	0.5	1.5	0.5	5.5
A	9	FL (3) 10 S	0.6	0.6	0.6	0.6	0.6	7
A	A	FL (3) 10 S	1	1	1	1	1	5
A	B	FL (2+1) 10 S	0.5	0.7	0.5	2.1	0.5	5.7
A	C	OC (3) 10 S	5	1	1	1	1	1
A	D	Q (3) 10 S	0.3	0.7	0.3	0.7	0.3	7.7
A	E	FL (2 + 1) 10 S	0.5	0.5	0.5	0.5	1.5	6.5
A	F	FL (3) 12 S	0.5	1.5	0.5	1.5	0.5	7.5
B	0	FL (3) 12 S	0.5	2	0.5	2	0.5	6.5
B	1	FL (3) 12 S	0.8	1.2	0.8	1.2	0.8	7.2
B	2	FL (3) 12 S	1	1	1	3	1	5
B	3	FL (2+1) 12 S	0.8	1.2	0.8	2.4	0.8	6
B	4	FL (2+1) 12 S	1	1	1	4	1	4
B	5	FL (2+1) 13.5 S	1	1	1	4	1	5.5
B	6	FL (3) 15 S	0.3	1.7	0.3	1.7	0.3	10.7
B	7	FL (3) 15 S	0.4	1	0.4	1	0.4	11.8
B	8	FL (3) 15 S	0.5	1.5	0.5	1.5	0.5	10.5
B	9	FL (2+1) 15 S	0.6	0.3	0.6	0.3	1.4	11.8
B	A	FL (2+1) 15 S	0.7	0.5	0.7	0.5	1.9	10.7
B	B	FL (2+1) 15 S	0.7	0.7	0.7	0.7	2.1	10.1
B	C	FL (2+1) 15 S	1	2	1	5	1	5
B	D	VQ (3) 15 S	0.1	0.5	0.1	0.5	0.1	13.7
B	E	FL (3) 20 S	0.5	3	0.5	3	0.5	12.5
B	F	FL (3) 20 S	0.5	1.5	0.5	1.5	0.5	15.5
C	0	FL (3) 20 S	0.8	1.2	0.8	1.2	0.8	15.2
C	1	FL (3) 20 S	1	1	1	1	1	15

SWITCH		FLASH CODE	ON	OFF	ON	OFF	ON	OFF	ON	OFF
SWA	**SWB**									
C	2	VQ (4) 4 S	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.9
C	3	Q (4) 6 S	0.3	0.7	0.3	0.7	0.3	0.7	0.3	2.7
C	4	Q (4) 6 S	0.4	0.6	0.4	0.6	0.4	0.6	0.4	2.6
C	5	FL (4) 10 S	0.5	1	0.5	1	0.5	1	0.5	5
C	6	FL (4) 10 S	0.8	1.2	0.8	1.2	0.8	1.2	0.8	3.2
C	7	Q (4) 10 S	0.3	0.7	0.3	0.7	0.3	0.7	0.3	6.7
C	8	FL (4) 12 S	0.3	1.7	0.3	1.7	0.3	1.7	0.3	5.7
C	9	FL (4) 12 S	0.5	0.5	0.5	0.5	0.5	0.5	0.5	8.5
C	A	FL (4) 12 S	0.5	1.5	0.5	1.5	0.5	1.5	0.5	5.5
C	B	FL (4) 12 S	0.8	1.2	0.8	1.2	0.8	1.2	0.8	5.2
C	C	Q (4) 12 S	0.3	0.7	0.3	0.7	0.3	0.7	0.3	8.7
C	D	FL (4) 15 S	0.5	1.5	0.5	1.5	0.5	1.5	0.5	8.5
C	E	FL (4) 15 S	1	1	1	1	1	1	1	8
C	F	FL (4) 15 S	1.5	0.5	0.5	0.5	0.5	0.5	0.5	10.5
D	0	FL (4) 16 S	0.5	1.5	0.5	1.5	0.5	1.5	0.5	9.5
D	1	FL (4) 20 S	0.3	3	0.3	3	0.3	3	0.3	9.8
D	2	FL (4) 20 S	0.5	1.5	0.5	1.5	0.5	1.5	0.5	13.5
D	3	FL (4) 20 S	0.5	1.5	0.5	1.5	0.5	4.5	0.5	10.5
D	4	FL (4) 20 S	1.5	1.5	1.5	1.5	1.5	1.5	1.5	9.5
D	5	Q (4) 20 S	0.5	0.5	0.5	0.5	0.5	0.5	0.5	16.5
D	6	Q (4) 28 S	0.5	0.5	0.5	0.5	0.5	0.5	0.5	24.5
D	7	FL (4) 30 S	0.5	0.5	0.5	0.5	0.5	0.5	0.5	26.5

SWITCH		FLASH CODE	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
SWA	**SWB**											
D	8	Q (5) 7 S	0.3	0.7	0.3	0.7	0.3	0.7	0.3	0.7	0.3	2.7
D	9	Q (5) 10 S	0.3	0.7	0.3	0.7	0.3	0.7	0.3	0.7	0.3	5.7
D	A	FL (5) 16.5 S	5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	3.5
D	B	FL (5) 20 S	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	15.5
D	C	FL (5) 20 S	0.8	1.2	0.8	1.2	0.8	1.2	0.8	1.2	0.8	11.2
D	D	FL (5) 20 S	1	1	1	1	1	1	1	1	1	11

SWITCH		FLASH CODE	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
SWA	**SWB**													
D	E	Q (6) 10 S	0.3	0.7	0.3	0.7	0.3	0.7	0.3	0.7	0.3	0.7	0.3	4.7
D	F	FL (6) 15 S	0.3	0.7	0.3	0.7	0.3	0.7	0.3	0.7	0.3	0.7	0.3	9.7
E	0	FL (6) 15 S	0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	7
E	1	FL (6) + LFL 15 S	0.5	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	7

SWITCH		FLASH CODE	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
SWA	**SWB**															
E	2	VQ (6) + LFL 10 S	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	2	5
E	3	VQ (6) + LFL 10 S	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2	4.4
E	4	Q (6) + LFL 15 S	0.2	0.8	0.2	0.8	0.2	0.8	0.2	0.8	0.2	0.8	0.2	0.8	2	7
E	5	Q (6) + LFL 15 S	0.3	0.7	0.3	0.7	0.3	0.7	0.3	0.7	0.3	0.7	0.3	0.7	2	7
E	6	Q (6) + LFL 15 S	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	2	5.8
E	7	VQ (6) + LFL 15 S	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2	9.4

SWITCH		FLASH CODE	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
SWA	**SWB**															
E	2	VQ (6) + LFL 10 S	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.3	2	5
E	3	VQ (6) + LFL 10 S	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2	4.4
E	4	Q (6) + LFL 15 S	0.2	0.8	0.2	0.8	0.2	0.8	0.2	0.8	0.2	0.8	0.2	0.8	2	7
E	5	Q (6) + LFL 15 S	0.3	0.7	0.3	0.7	0.3	0.7	0.3	0.7	0.3	0.7	0.3	0.7	2	7
E	6	Q (6) + LFL 15 S	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	2	5.8
E	7	VQ (6) + LFL 15 S	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2	9.4

SWITCH		FLASH CODE	ON	OFF	ON	OFF	ON	OFF	ON	OFF
SWA	**SWB**									
MORSE CODE ( ) INDICATIE LITERE										
E	D	MO (A) 6 S	0.3	0.6	1	4.1				
E	E	MO (A) 8 S	0.4	0.6	2	5				
E	F	MO (A) 8 S	0.8	1.2	2.4	3.6				
F	0	MO (U) 10 S	0.3	0.7	0.3	0.7	0.9	7.1		
F	1	MO (U) 10 S	0.4	0.6	0.4	0.6	1.2	6.8		
F	2	MO (U) 10 S	0.5	0.5	0.5	0.5	1.5	6.5		
F	3	MO (A) 10 S	0.5	0.5	1.5	7.5				
F	4	MO (D) 10 S	5	1	1	1	1	1		
F	5	MO (A) 15 S	0.5	1.5	2	11				
F	6	MO (U) 15 S	0.6	0.3	0.6	0.3	1.4	11.8		
F	7	MO (U) 15 S	0.7	0.5	0.7	0.5	1.9	10.7		
F	8	MO (U) 15 S	0.7	0.7	0.7	0.7	2.1	10.1		
F	9	MO (B) 15 S	1.5	0.5	0.5	0.5	0.5	0.5	0.5	10.5
F	A	MO (F) 15 S	0.5	0.5	0.5	0.5	1.5	0.5	0.5	10.5