



CO.SIME.
EQUIPMENT FOR ATEX



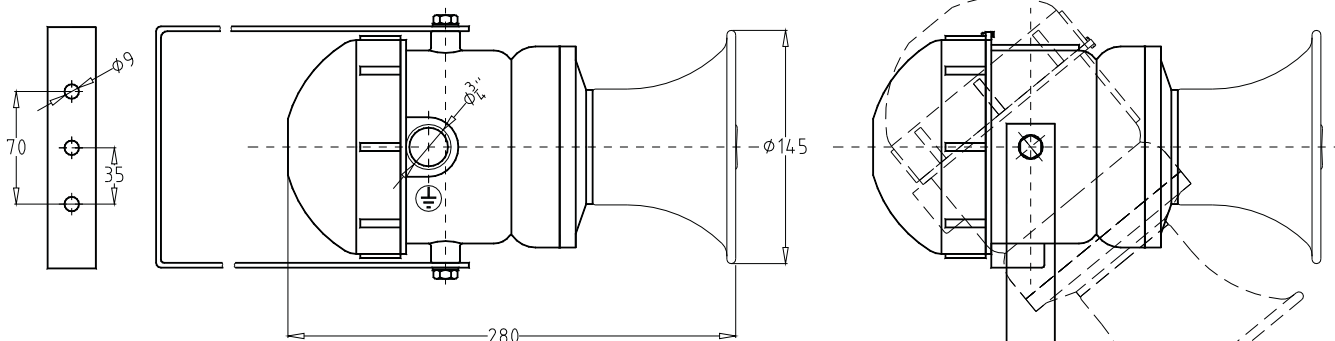


GAS	II2G Ex d IIB+H₂ T6 ÷ T5	Gb
GAS	II2G Ex d IIC T6 ÷ T5	Gb
DUST	II2D Ex tb IIIC T85°C ÷ T100°C	Db

IP66	Zone 1 - Zone 21 - Zone 2 - Zone 22
IP66	Zone 1 - Zone 21 - Zone 2 - Zone 22
IP66	❄ -20°C ÷ ☀ +40°C ❄ -40°C ÷ ☀ +60°C

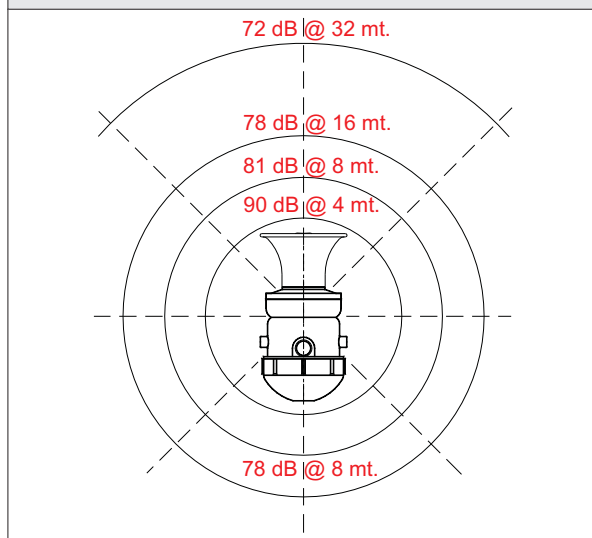
Materiale : Corpo, coperchio e tromba di lega leggera
Installazione : Con staffa orientabile in acciaio zincato
Viti : In acciaio inox
Guarnizioni : EPDM
Ingresso : N° 1 ø3/4"
Suono : 5 toni selezionabili

Material : Light alloy body, cover and horn cone
Installation : Adjustable galvanized steel lugs
Hardware : Stainless steel
Gaskets : EPDM
Cable entry : N° 1 ø3/4"
Sound : 5 tones



Codice Code	Tensione Voltage [V]	Potenza Power [W]	Livello sonoro 1 mt. 1 mt. level sound [Db]	Peso Weight [kg]
ETH 20MD24	24 Vac/dc	4	101 ÷ 104	3,3
ETH 20MD48	48 Vac/dc	10	101 ÷ 104	3,3
ETH 20MD110	110 Vac	10	101 ÷ 104	3,3
ETH 20MD230	230 Vac	10	101 ÷ 104	3,3

Diagramma polare di distribuzione sonora in aria libera
Outdoor loudness distribution polar diagram



Toni selezionabili
Selectable tones

Bitonale : 550 Hz / 0,1 sec. + 440 Hz / 0,4 sec. (impostazione standard di fabbrica)
Singolo : 440 Hz
Intermittente : 550 Hz / 1 sec. ON / 1 sec. OFF
WAIL : rampa salita / discesa lenta
YELP : rampa salita / discesa veloce

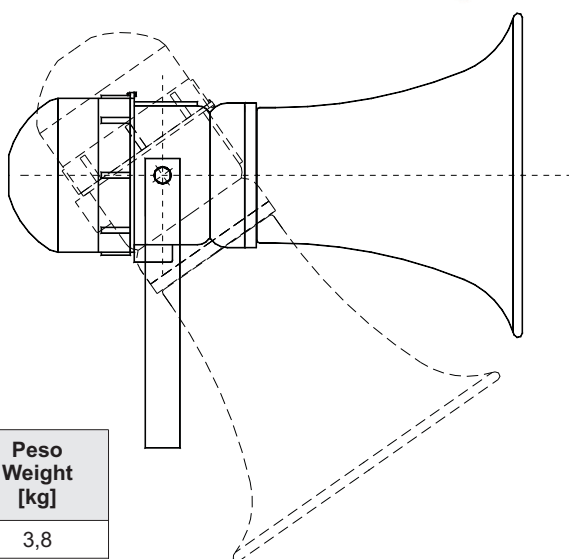
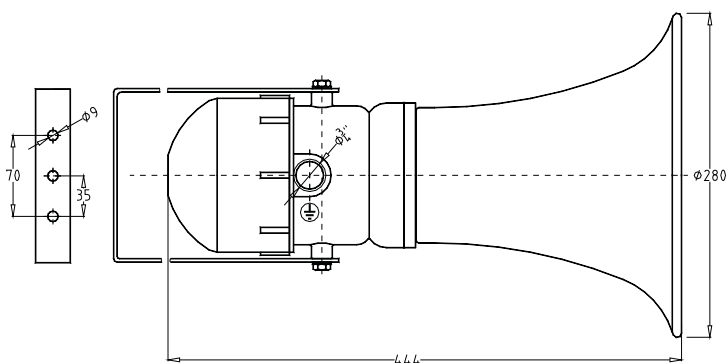
Bitonale : 550 Hz / 0,1 sec. + 440 Hz / 0,4 sec. (factory standard set)
Single tone : 440 Hz
Intermittent : 550 Hz / 1 sec. ON / 1 sec. OFF
WAIL : Sweeping slow
YELP : Sweeping fast



GAS	II2G Ex d IIB+H₂ T6 ÷ T5	Gb	IP66	Zone 1 - Zone 21 - Zone 2 - Zone 22
GAS	II2G Ex d IIC T6 ÷ T5	Gb	IP66	Zone 1 - Zone 21 - Zone 2 - Zone 22
DUST	II2D Ex tb IIIC T85°C ÷ T100°C	Db	IP66	❄ -20°C ÷ ☀ +40°C ❄ -40°C ÷ ☀ +60°C

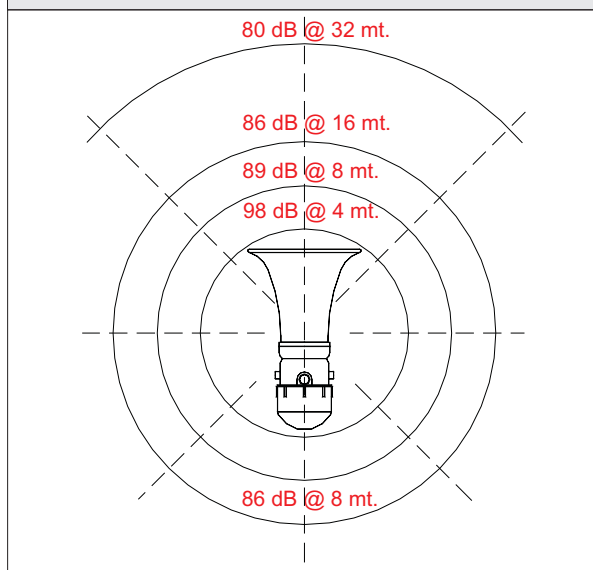
Materiale : Corpo, coperchio e tromba di lega leggera
Installazione : Con staffa orientabile in acciaio zincato
Viti : In acciaio inox
Guarnizioni : EPDM
Ingresso : N° 1 ø3/4"
Suono : 5 toni selezionabili

Material : Light alloy body, cover and horn cone
Installation : Adjustable galvanized steel lugs
Hardware : Stainless steel
Gaskets : EPDM
Cable entry : N° 1 ø3/4"
Sound : 5 tones



Codice Code	Tensione Voltage [V]	Potenza Power [W]	Livello sonoro 1 mt. 1 mt. level sound [Db]	Peso Weight [kg]
ETH 20MD2410	24 Vac/dc	4	109 ÷ 112	3,8
ETH 20MD4810	48 Vac/dc	10	109 ÷ 112	3,8
ETH 20MD11010	110 Vac	10	109 ÷ 112	3,8
ETH 20MD23010	230 Vac	10	109 ÷ 112	3,8

Diagramma polare di distribuzione sonora in aria libera
Outdoor loudness distribution polar diagram



Toni selezionabili
Selectable tones

Bitonale : 550 Hz / 0,1 sec. + 440 Hz / 0,4 sec. (impostazione standard di fabbrica)
Singolo : 440 Hz
Intermittente : 550 Hz / 1 sec. ON / 1 sec. OFF
WAIL : rampa salita / discesa lenta
YELP : rampa salita / discesa veloce

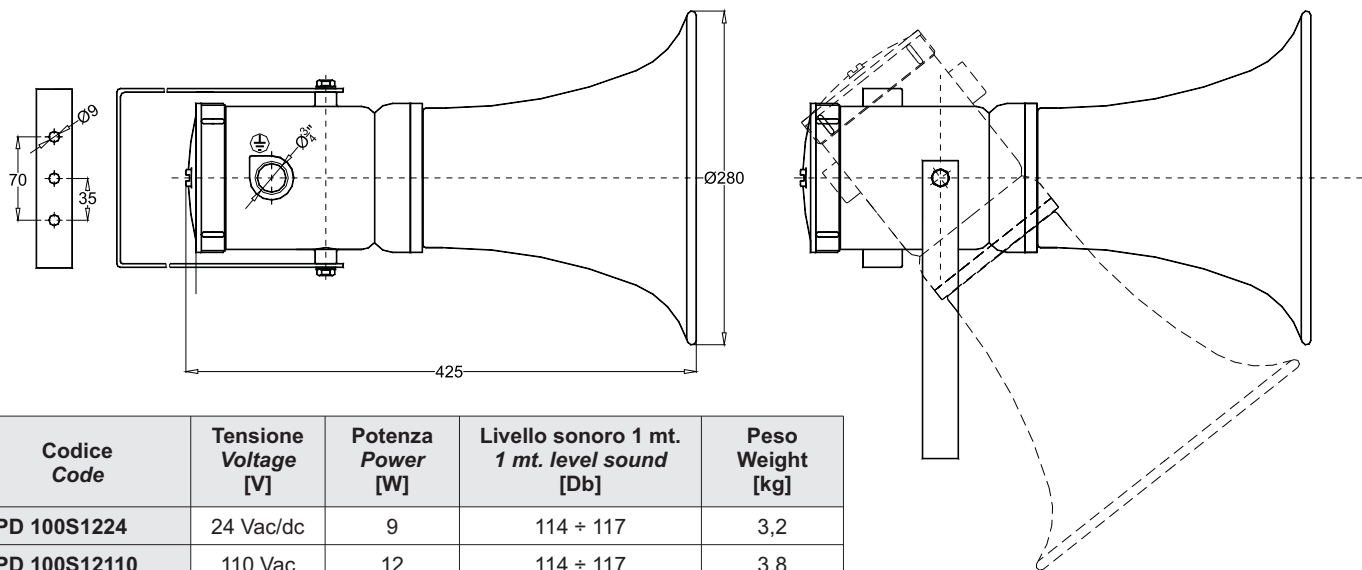
Bitonale : 550 Hz / 0,1 sec. + 440 Hz / 0,4 sec. (factory standard set)
Single tone : 440 Hz
Intermittent : 550 Hz / 1 sec. ON / 1 sec. OFF
WAIL : Sweeping slow
YELP : Sweeping fast



GAS	II2G Ex d IIB+H₂ T4 ÷ T3	Gb	IP66	Zone 1 - Zone 21 - Zone 2 - Zone 22
DUST	II2D Ex tb IIIC T130°C+T200°C	Db	IP66	❄ -20°C ÷ ☀ +40°C ❄ -40°C ÷ ☀ +60°C

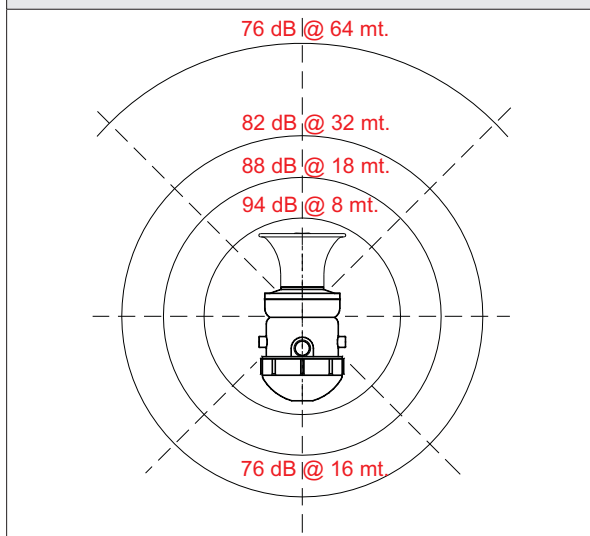
Materiale : Corpo, coperchio e tromba di lega leggera
Installazione : Con staffa orientabile in acciaio zincato
Viti : In acciaio inox
Guarnizioni : EPDM
Ingresso : N° 1 ø3/4", a richiesta N° 2 ø3/4"
Suono : 5 toni selezionabili

Material : Light alloy body, cover and horn cone
Installation : Adjustable galvanized steel lugs
Hardware : Stainless steel
Gaskets : EPDM
Cable entry : N° 1 ø3/4", on demand N° 2 ø3/4"
Sound : 5 tones



Codice Code	Tensione Voltage [V]	Potenza Power [W]	Livello sonoro 1 mt. 1 mt. level sound [Db]	Peso Weight [kg]
APD 100S1224	24 Vac/dc	9	114 ÷ 117	3,2
APD 100S12110	110 Vac	12	114 ÷ 117	3,8
APD 100S12230	230 Vac	12	114 ÷ 117	3,8

Diagramma polare di distribuzione sonora in aria libera
Outdoor loudness distribution polar diagram



Toni selezionabili
Selectable tones

Bitonale :	550 Hz / 0,1 sec. + 440 Hz / 0,4 sec. (impostazione standard di fabbrica)
Singolo :	550 Hz
Intermittente :	550 Hz / 1 sec. ON / 1 sec. OFF
WAIL :	rampa salita / discesa lenta 600 ÷ 1500 Hz
YELP :	rampa salita / discesa veloce 600 ÷ 1500 Hz
Bitonale :	550 Hz / 0,1 sec. + 440 Hz / 0,4 sec. (factory standard set)
Single tone :	440 Hz
Intermittent :	550 Hz / 1 sec. ON / 1 sec. OFF
WAIL :	Sweeping slow 600 ÷ 1500 Hz
YELP :	Sweeping fast 600 ÷ 1500 Hz



GAS

II2G Ex d IIB+H₂ T4 ÷ T3

Gb

IP66

Zone 1 - Zone 21 - Zone 2 - Zone 22

DUST

II2D Ex tb IIIC T130°C÷T200°C

Db

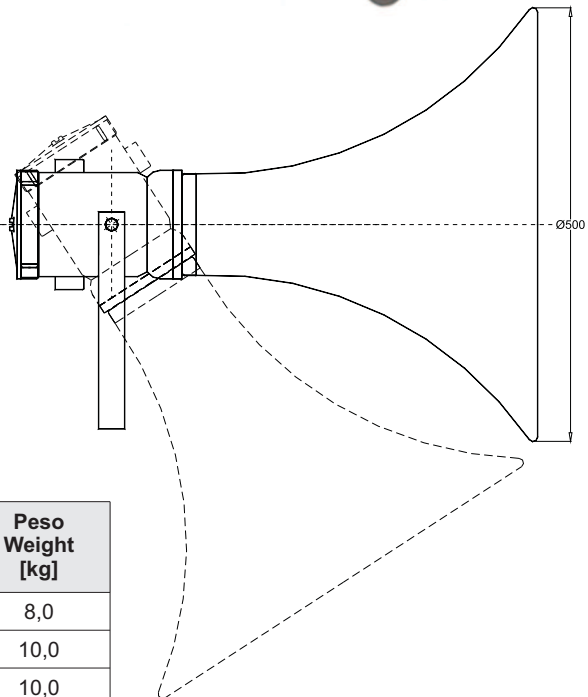
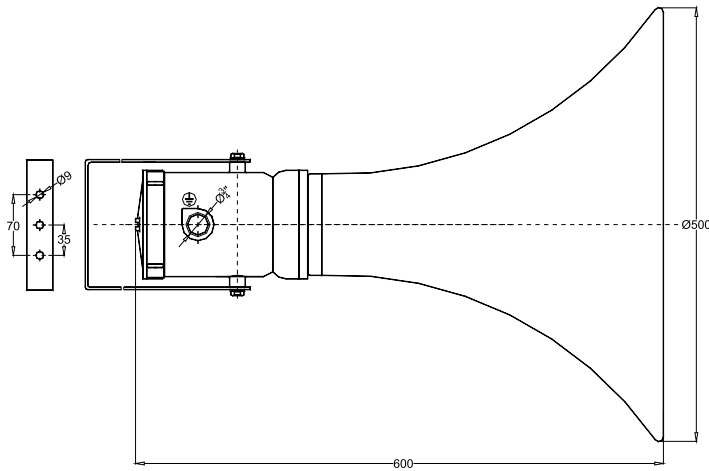
IP66

❄ -20°C ÷ ☀ +40°C

❄ -40°C ÷ ☀ +60°C

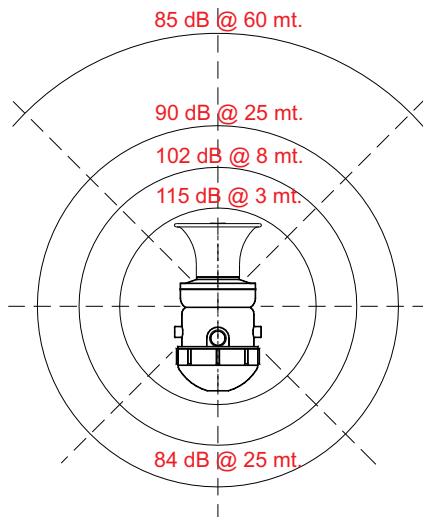
Materiale : Corpo, coperchio e tromba di lega leggera
Installazione : Con staffa orientabile in acciaio zincato
Viti : In acciaio inox
Guarnizioni : EPDM
Ingresso : N° 1 ø3/4", a richiesta N° 2 ø3/4"
Suono : 5 toni selezionabili

Material : Light alloy body, cover and horn cone
Installation : Adjustable galvanized steel lugs
Hardware : Stainless steel
Gaskets : EPDM
Cable entry : N° 1 ø3/4", on demand N° 2 ø3/4"
Sound : 5 tones



Codice Code	Tensione Voltage [V]	Potenza Power [W]	Livello sonoro 1 mt. 1 mt. level sound [Db]	Peso Weight [kg]
APD 100S3024	24 Vac/dc	25	117 ÷ 125	8,0
APD 100S30110	110 Vac	30	117 ÷ 125	10,0
APD 100S30230	230 Vac	30	117 ÷ 125	10,0

Diagramma polare di distribuzione sonora in aria libera
Outdoor loudness distribution polar diagram



Toni selezionabili
Selectable tones

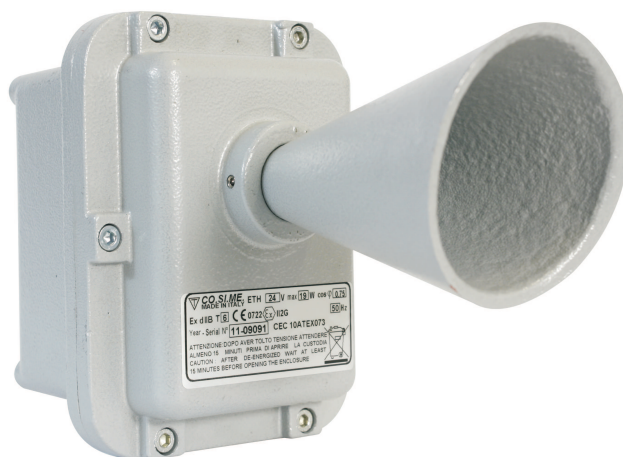
Bitonale :	550 Hz / 0,1 sec. + 440 Hz / 0,4 sec. (impostazione standard di fabbrica)
Singolo :	550 Hz
Intermittente :	550 Hz / 1 sec. ON / 1 sec. OFF
WAIL :	rampa salita / discesa lenta 600 ÷ 1500 Hz
YELP :	rampa salita / discesa veloce 600 ÷ 1500 Hz
Bitonale :	550 Hz / 0,1 sec. + 440 Hz / 0,4 sec. (factory standard set)
Single tone :	440 Hz
Intermittent :	550 Hz / 1 sec. ON / 1 sec. OFF
WAIL :	Sweeping slow 600 ÷ 1500 Hz
YELP :	Sweeping fast 600 ÷ 1500 Hz



GAS	II2G Ex d IIB T6 ÷ T5	Gb	IP6X	Zone 1 - Zone 21 - Zone 2 - Zone 22
DUST	II2D Ex tb IIIC T80°C÷T95°C	Db	IP6X	❄ -20°C ÷ ☀ +40°C ❄ -50°C ÷ ☀ +60°C

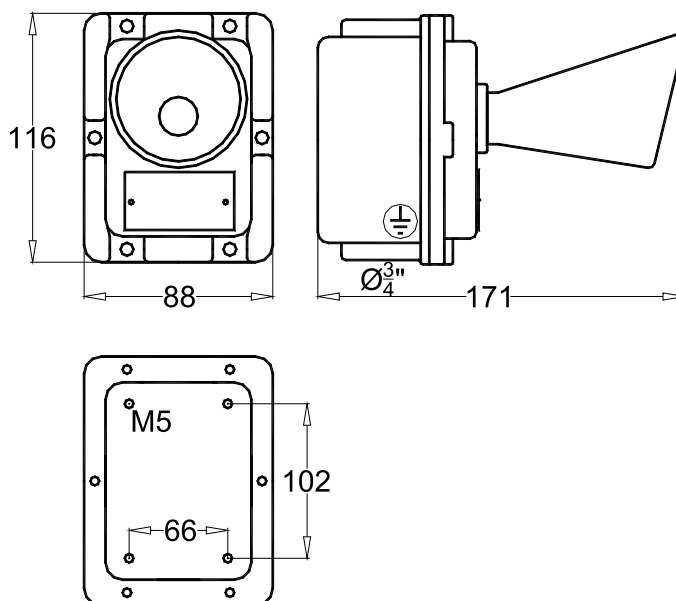
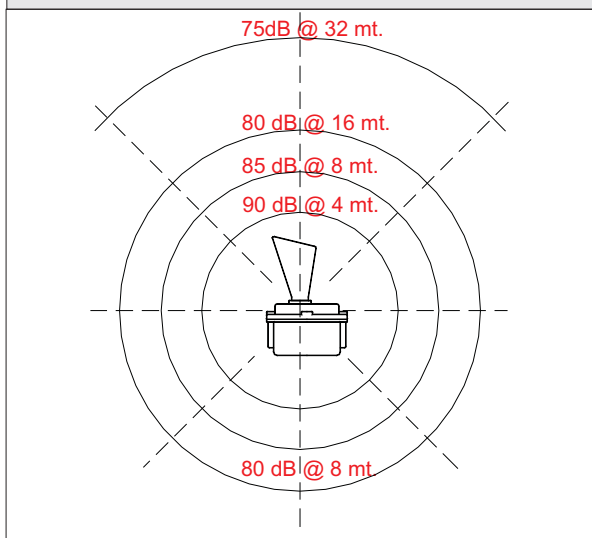
Materiale : Corpo, coperchio e tromba di lega leggera
Installazione : a parete
Viti : In acciaio zincato a richiesta acciaio inox
Ingresso : N° 1 ø3/4"

Material : Light alloy body, cover and horn cone
Installation : wall
Hardware : galvanized steel, on demand stainless steel
Cable entry : N°1 ø3/4"



Codice Code	Tensione Voltage [V]	Potenza Power [VA]	Frequenza Frequency [Hz]	Livello sonoro 1 mt. 1 mt. level sound [Db]	Peso Weight [kg]
ETH 12CA	12 Vac	35	50 ÷ 60	95 ÷ 110	2,2
ETH 24CA	24 Vac	115	50 ÷ 60	95 ÷ 110	2,2
ETH 48CA	48 Vac	110	50 ÷ 60	95 ÷ 110	2,2
ETH 110CA	110 Vac	70	50 ÷ 60	95 ÷ 110	2,2
ETH 220CA	230 Vac	75	50 ÷ 60	95 ÷ 110	2,2

Diagramma polare di distribuzione sonora in aria libera
Outdoor loudness distribution polar diagram





GAS

II2G Ex d IIB

T6 ÷ T5

Gb

IP6X

Zone 1 - Zone 21 - Zone 2 - Zone 22

DUST

II2D Ex tb IIIC

T80°C÷T95°C

Db

IP6X

❄ -20°C ÷ ☀ +40°C

❄ -50°C ÷ ☀ +60°C

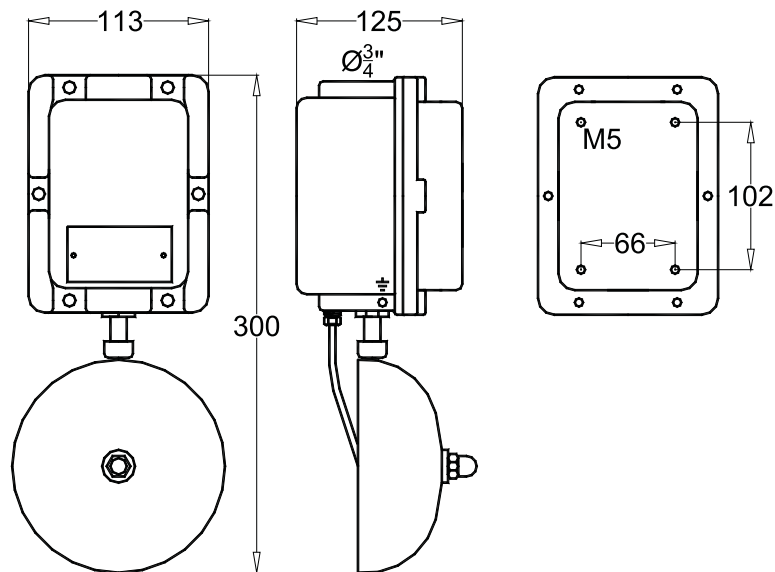
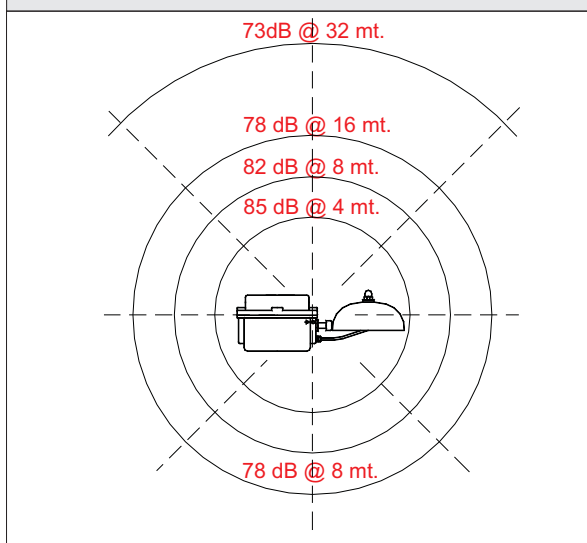
Materiale : Corpo, coperchio e campana di lega leggera
Installazione : a parete
Viti : In acciaio zincato a richiesta acciaio inox
Ingresso : N° 1 Ø3/4"

Material : Light alloy body, cover and bell
Installation : wall
Hardware : galvanized steel, on demand stainless steel
Cable entry : N°1 Ø3/4"



Codice Code	Tensione Voltage [V]	Potenza Power [VA]	Frequenza Frequency [Hz]	Livello sonoro 1 mt. 1 mt. level sound [Db]	Peso Weight [kg]
ETR 12CA	12 Vac	35	50 ÷ 60	90 ÷ 105	2,5
ETR 24CA	24 Vac	55	50 ÷ 60	90 ÷ 105	2,5
ETR 48CA	48 Vac	70	50 ÷ 60	90 ÷ 105	2,5
ETR 110CA	110 Vac	40	50 ÷ 60	90 ÷ 105	2,5
ETR 220CA	230 Vac	40	50 ÷ 60	90 ÷ 105	2,5

Diagramma polare di distribuzione sonora in aria libera
Outdoor loudness distribution polar diagram





GAS	II2G Ex d IIB+H₂ T6 ÷ T5	Gb	IP66	Zone 1 - Zone 21 - Zone 2 - Zone 22
GAS	II2G Ex d IIC T6 ÷ T5	Gb	IP66	Zone 1 - Zone 21 - Zone 2 - Zone 22
DUST	II2D Ex tb IIIC T85°C ÷ T100°C	Db	IP66	❄ -20°C ÷ ☀ +40°C ❄ -40°C ÷ ☀ +60°C

Materiale : Corpo, coperchio e tromba di lega leggera
 Installazione : Con staffa orientabile in acciaio zincato
 Viti : In acciaio inox
 Guarnizioni : EPDM
 Ingresso : N° 1 ø3/4"
 Peso : 3,5 kg

Material : Light alloy body, cover and horn cone
 Installation : Adjustable galvanized steel lugs
 Hardware : Stainless steel
 Gaskets : EPDM
 Cable entry : N° 1 ø3/4"
 weight : 3,5 kg

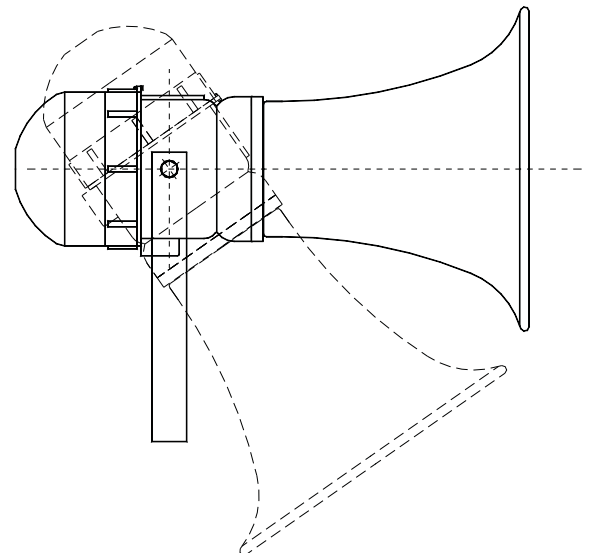
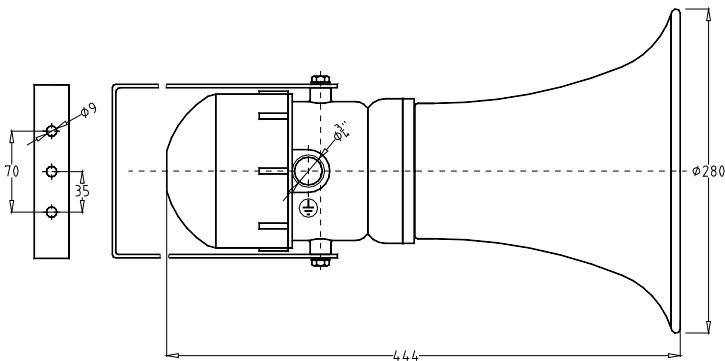
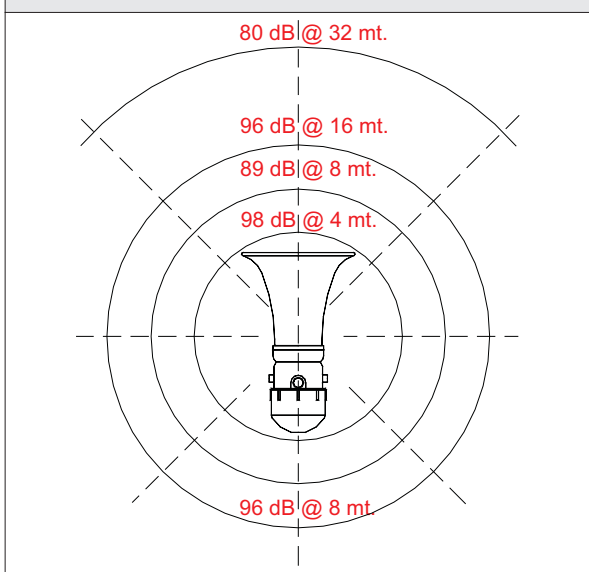


Diagramma polare di distribuzione sonora in aria libera
Outdoor loudness distribution polar diagram



Caratteristiche elettriche
Electrical features

Potenza selezionabile :	6W - 12W - 20W - 25W
Tensione nominale :	100 Volt
Linea audio :	16 Ohm
Uscita :	100÷102 dB @6W 104÷106 dB @12W 107÷108 dB @20W 109÷112 dB @25W
Frequenze :	650÷10000Hz @ 6W 450÷9000Hz @ 12W 400÷9000Hz @ 20W 350÷10000Hz @ 25W
Selectable power :	6W - 12W - 20W - 25W
Rated voltage :	100 Volt
Audio line :	16 Ohm
Output :	100÷102 dB @6W 104÷106 dB @12W 107÷108 dB @20W 109÷112 dB @25W
Frequency range :	650÷10000Hz @ 6W 450÷9000Hz @ 12W 400÷9000Hz @ 20W 350÷10000Hz @ 25W



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UNITA' OTTICO-ACUSTICA
OPTICAL AND ACOUSTIC DEVICE

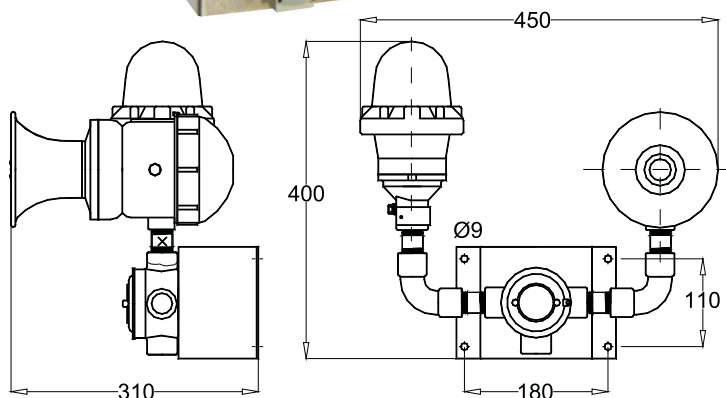
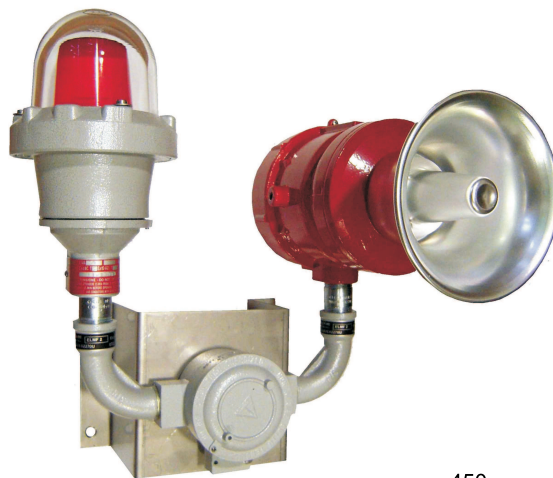
EVA+ETH



GAS	II2G Ex d IIB+H₂ T6 ÷ T5	Gb	IP66	Zone 1 - Zone 21 - Zone 2 - Zone 22
GAS	II2G Ex d IIC T6 ÷ T5	Gb	IP66	Zone 1 - Zone 21 - Zone 2 - Zone 22
DUST	II2D Ex tb IIIC T85°C ÷ T100°C	Db	IP66	❄ -20°C ÷ ☀ +40°C ❄ -40°C ÷ ☀ +60°C

Materiale : Corpo, coperchio e tromba di lega leggera
 Installazione : Con staffa orientabile in acciaio inox
 Viti : In acciaio inox
 Guarnizioni : EPDM
 Ingresso : N° 1 ø3/4"
 Suono : 5 toni selezionabili
 Flash : 6 joule

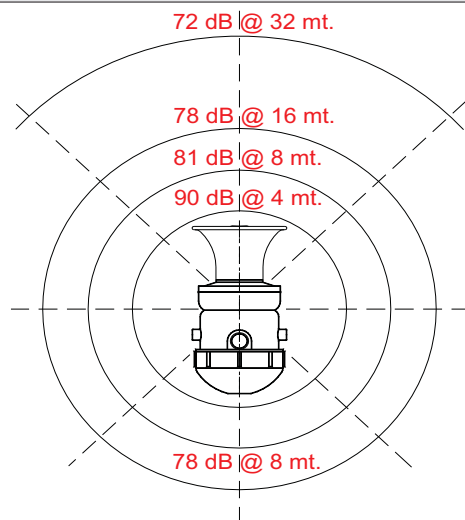
Material : Light alloy body, cover and horn cone
 Installation : Stainless steel bracket
 Hardware : Stainless steel
 Gaskets : EPDM
 Cable entry : N° 1 ø3/4"
 Sound : 5 tones
 Flash : 6 joule



Codice Code	Tensione Voltage [V]	Potenza Power [W]	Livello sonoro 1 mt. 1 mt. level sound [Db]
ETH 20MD24	24 Vac/dc	4	101 ÷ 104
ETH 20MD48	48 Vac/dc	10	101 ÷ 104
ETH 20MD110	110 Vac	10	101 ÷ 104
ETH 20MD230	230 Vac	10	101 ÷ 104

Codice Code	[Vac]	Codice Code	[Vac/dc]	Xenon Xenon	Colore Color	Funzione Function	EVA EVA size	[W]
EV 50LAX110+230 EV 50LBX110+230 EV 50LGX110+230 EV 50LRX110+230 EV 50LVX110+230	110-230	EV 50LAX12-24 EV 50LBX12-24 EV 50LGX12-24 EV 50LRX12-24 EV 50LVX12-24	12-24-48	6 JOULE 	blu- blue giallo - yellow rosso - red verde - green	luce lamp. flashing light	EVA 50	10

Diagramma polare di distribuzione sonora in aria libera
Outdoor loudness distribution polar diagram



Toni selezionabili
Selectable tones

Bitonale :	550 Hz / 0,1 sec. + 440 Hz / 0,4 sec. (impostazione standard di fabbrica)
Singolo :	440 Hz
Intermittente :	550 Hz / 1 sec. ON / 1 sec. OFF
WAIL :	rampa salita / discesa lenta
YELP :	rampa salita / discesa veloce
Bitonale :	550 Hz / 0,1 sec. + 440 Hz / 0,4 sec. (factory standard set)
Single tone :	440 Hz
Intermittent :	550 Hz / 1 sec. ON / 1 sec. OFF
WAIL :	Sweeping slow
YELP :	Sweeping fast

Y8



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