# NXL 44-A MK2

## DIFFUSORE ARRAY ATTIVO A 2-VIE

### DESCRIZIONE



Il diffusore line-array a colonna NXL 44-A MK2 è stato progettato da zero per offrire le migliori prestazioni audio a band, DJ, discoteche, locali di intrattenimento, noleggiatori e service. La perfetta combinazione di trasduttori RCF di qualità premium con un amplificatore a 2-canali da 2100 W permette
di erogare fino a 135 dB SPL con una copertura coerente di 100° x 25° sull'intera area d'ascolto. Il sistema a 2-vie include tre woofer al neodimio da 10" e un driver da 3" su guida d'onda. Il design della tromba permette una copertura accurata sull'intera area senza dover inclinare il cabinet. Il diffusore produce una risposta in frequenza estesa in grado di scendere fino a 45 Hz e può essere impiegato come unità stand-alone,montato in sospensione e accoppiato a un'altra unità NXL 44-A MK2 per ampliare la copertura verticale. L'abbinamento del diffusore con i subwoofer RCF offre una potenza full-range perfetta per concerti di medie dimensioni e sistemi DJ. Grazie agli algoritmi DSP proprietari RCF FiRPHASE e Bass Motion Control, il diffusore NXL 44-A MK2 è
perfettamente calibrato per offrire

### CARATTERISTICHE

- Fino a 135 dB di pressione sonora (SPL)
- Amplificatore in Classe D da 2100 Watt
- Copertura a direttività costante: 100° x 25°
- Driver a compressione al titanio/neodimio da 3"
- 3 woofer al neodimio da 10" ad alta potenza
- Risposta in frequenza lineare: 45 ÷ 20000 Hz
- Processing Bass Motion Control e FiRPHASE
- 8 punti di ancoraggio M8 e 8 Quick Lock
- In/Out Powercon TRUE1 TOP con grado di protezione IP

## SPECIFICHE TECNICHE

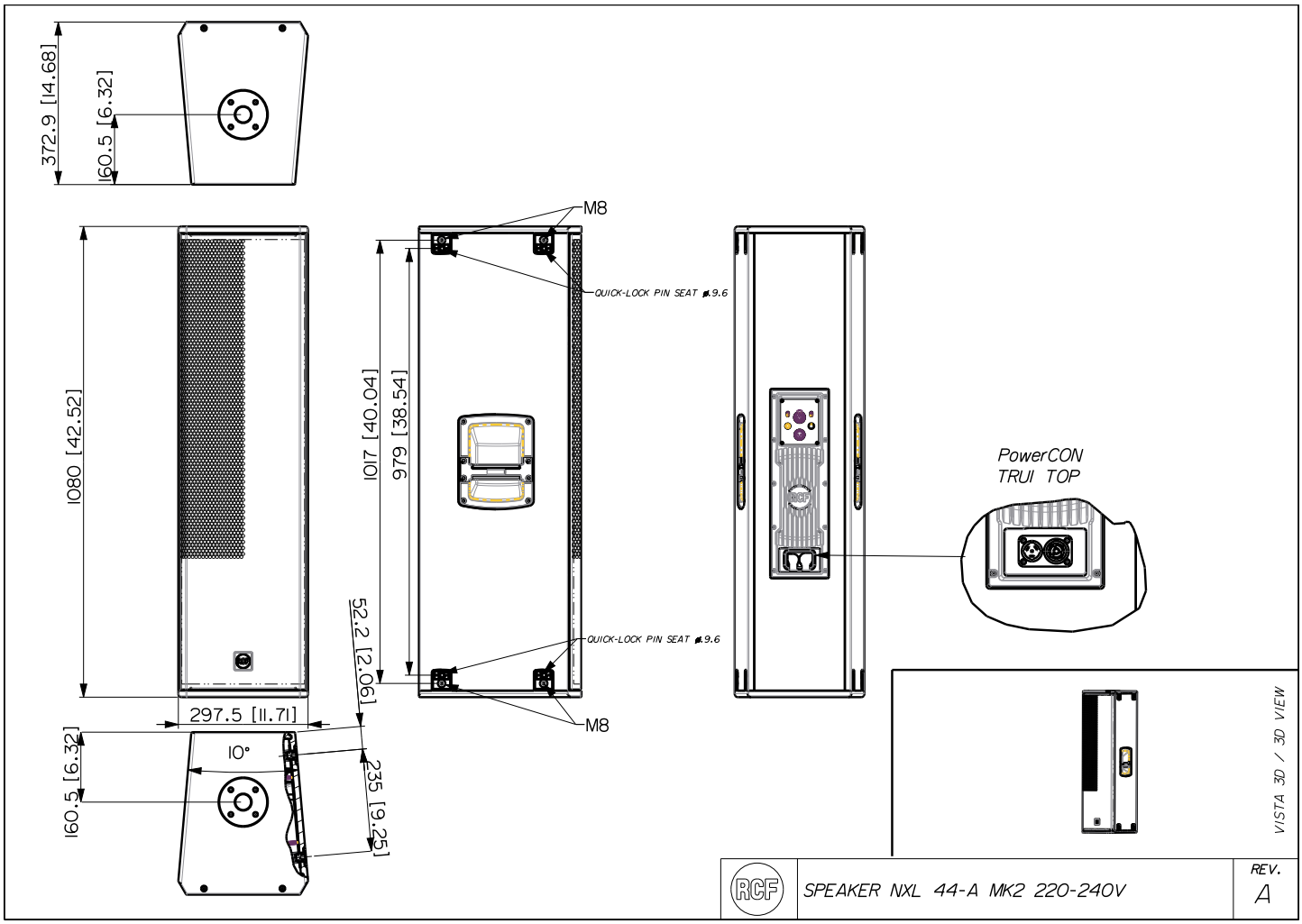
| | | |
|---|---|---|
| **Specifiche acustiche** | Risposta in Frequenza: | 45 Hz ÷ 20000 Hz |
| | Max SPL @ 1m: | 135 dB |
| | Angolo di copertura orizzontale: | 100° |
| | Angolo di copertura verticale: | 25° |
| **Trasduttori** | Driver a Compressione: | 1 x 1.4" neo, 3.0" v.c |
| | Woofer: | 3 x 10" neo, 2.5" v.c |
| **Sezione Input/Output** | Segnale di Ingresso: | bal/unbal |
| | Connettori in ingresso: | Combo XLR/Jack |
| | Connessioni di uscita: | XLR |
| | Sensibilità di ingresso: | -2 dBu/+4 dBu |
| **Sezione del processore** | Frequenze Crossover: | 800 |
| | Protezioni: | Thermal, Excurs., RMS |
| | Limiter: | Soft Limiter |
| | Controlli: | Linear, 2 Speakers, High-Pass, Volume |
| **Sezione di potenza** | Potenza Totale: | 2100 W Peak |
| | Alte Frequenze: | 700 W Peak |
| | Basse frequenze: | 1400 W Peak |
| | Raffreddamento: | Convection |
| | Connessioni: | Powercon TRUE1 TOP IN/OUT |
| **Conformità agli standard** | Safety agency: | CE compliant |
| **Specifiche fisiche** | Materiale Cabinet/Case: | Baltic birch plywood |
| | Hardware: | 8 x M8, 8 x quick lock |
| | Maniglie: | 2 side |
| | Pole mount/Cap: | Yes |
| | Griglia: | Steel |
| | Colore: | Black |
| **Dimensioni** | Altezza: | 1080 mm / 42.52 inches |
| | Larghezza: | 297.5 mm / 11.71 inches |
| | Profondità: | 373 mm / 14.69 inches |
| | Peso: | 33.4 kg / 73.63 lbs |
| **Informazioni di spedizione** | Altezza imballaggio: | 400 mm / 15.75 inches |
| | Larghezza imballaggio: | 1115 mm / 43.9 inches |
| | Profondità imballaggio: | 327 mm / 12.87 inches |
| | Peso imballaggio: | 35.5 kg / 78.26 lbs |

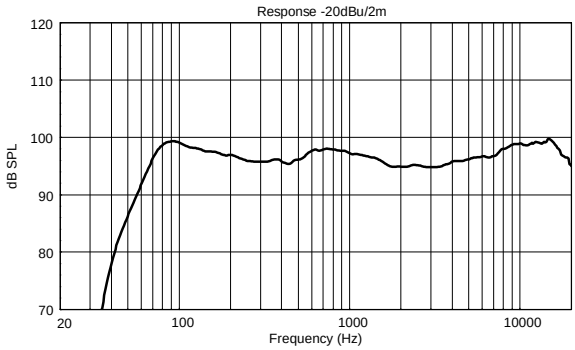
RCF products are continually improved. All specifications are therefore subject to change without notice.

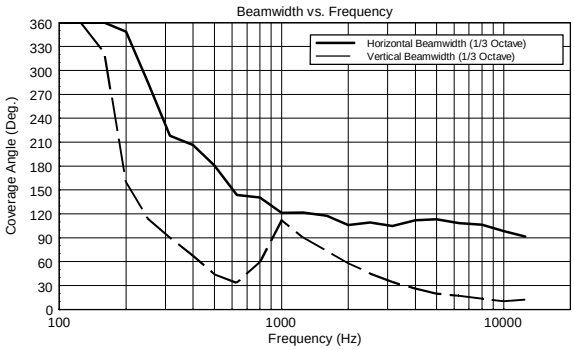
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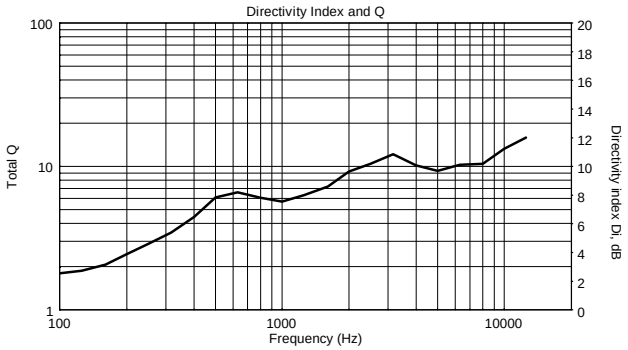
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  NXL 44-A MK2
  115V
  EAN 8024530019853
- **13000609**
  NXL 44-A MK2
  220-240V
  EAN 8024530019860

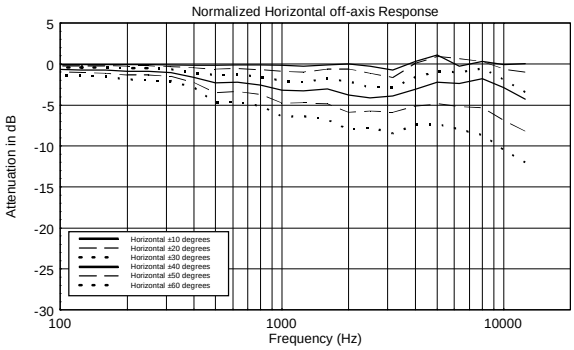
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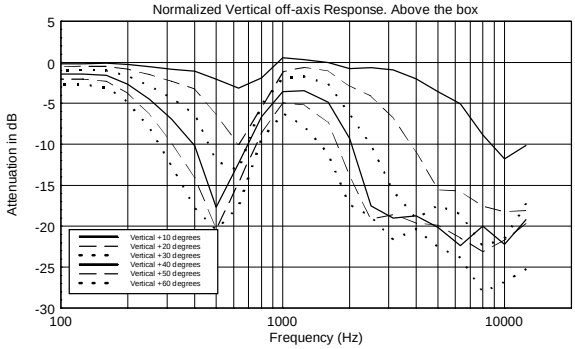

372.9 [14.68]
160.5 [6.32]
1080 [42.52]
297.5 [11.71]
160.5 [6.32]
10°
235 [9.25]
M8
QUICK-LOCK PIN SEAT ø9.6
1017 [40.04]
979 [38.54]
52.2 [2.06]
QUICK-LOCK PIN SEAT ø9.6
M8
PowerCON
TRUI TOP
VISTA 3D / 3D VIEW
SPEAKER NXL 44-A MK2 220-240V
REV.
A

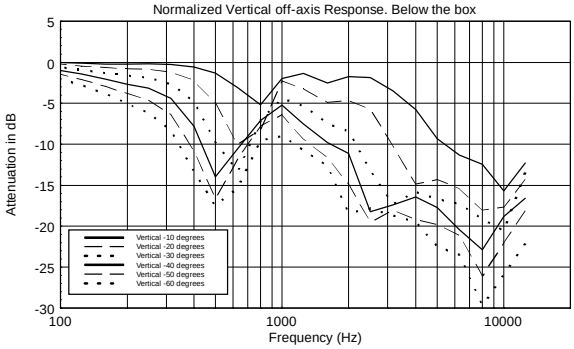

Response -20dBu/2m
dB SPL
120
110
100
90
80
70
20
100
1000
10000
Frequency (Hz)

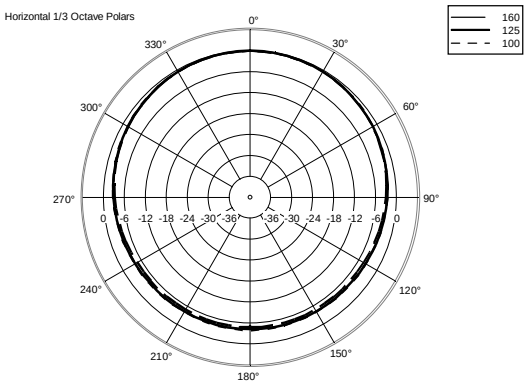

Beamwidth vs. Frequency
Coverage Angle (Deg.)
360
330
300
270
240
210
180
150
120
90
60
30
0
100
1000
10000
Frequency (Hz)
Horizontal Beamwidth (1/3 Octave)
Vertical Beamwidth (1/3 Octave)

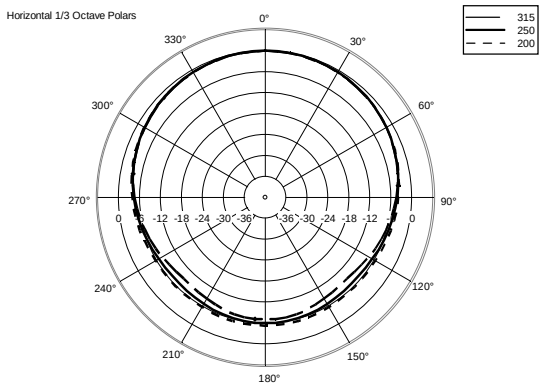

Directivity Index and Q
Total Q
Directivity index DI, dB
100
10
1
20
18
16
14
12
10
8
6
4
2
0
100
1000
10000
Frequency (Hz)

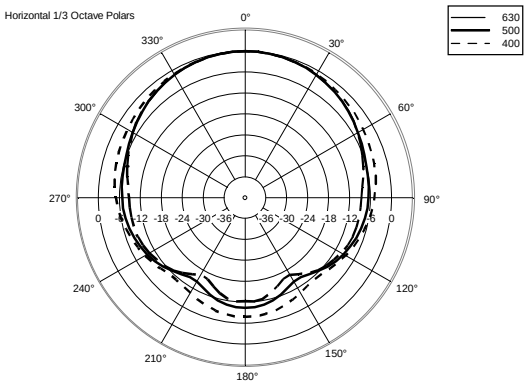

Normalized Horizontal off-axis Response
Attenuation in dB
5
0
-5
-10
-15
-20
-25
-30
100
1000
10000
Frequency (Hz)
Horizontal ±10 degrees
Horizontal ±20 degrees
Horizontal ±30 degrees
Horizontal ±40 degrees
Horizontal ±50 degrees
Horizontal ±60 degrees

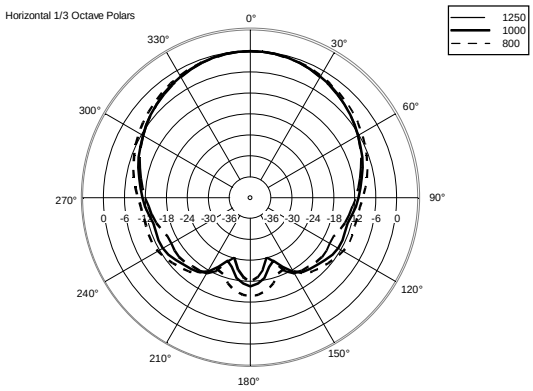

Normalized Vertical off-axis Response. Above the box
Attenuation in dB
5
0
-5
-10
-15
-20
-25
-30
100
1000
10000
Frequency (Hz)
Vertical +10 degrees
Vertical +20 degrees
Vertical +30 degrees
Vertical +40 degrees
Vertical +50 degrees
Vertical +60 degrees

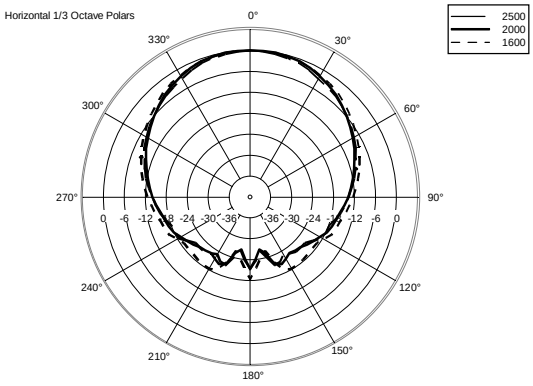

Normalized Vertical off-axis Response. Below the box
Attenuation in dB
5
0
-5
-10
-15
-20
-25
-30
100
1000
10000
Frequency (Hz)
Vertical -10 degrees
Vertical -20 degrees
Vertical -30 degrees
Vertical -40 degrees
Vertical -50 degrees
Vertical -60 degrees

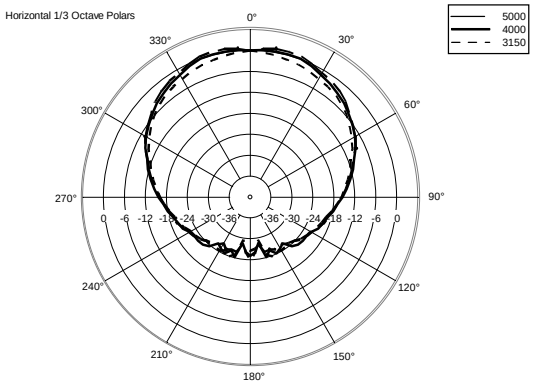

Horizontal 1/3 Octave Polars
160
125
100

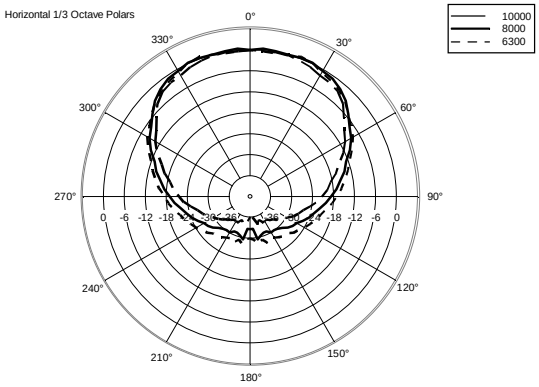

Horizontal 1/3 Octave Polars
315
250
200

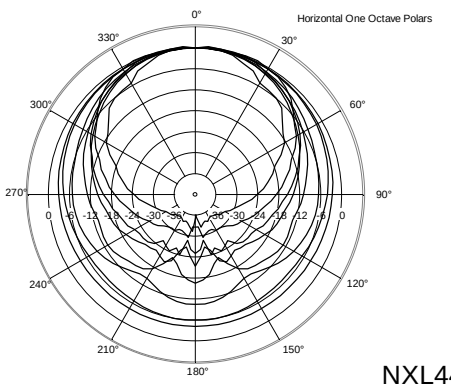

Horizontal 1/3 Octave Polars
630
500
400

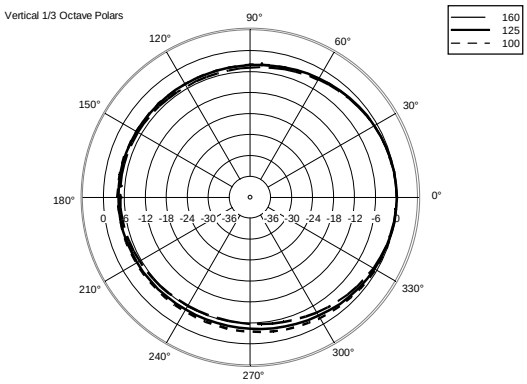

Horizontal 1/3 Octave Polars
1250
1000
800

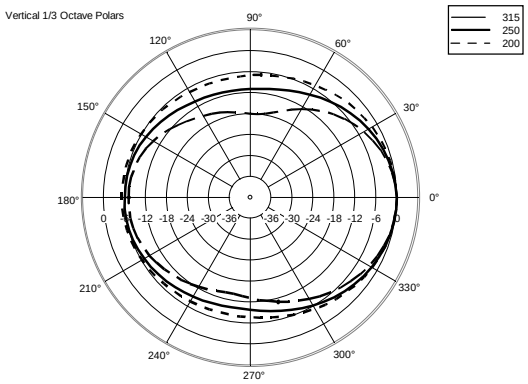

Horizontal 1/3 Octave Polars
2500
2000
1600

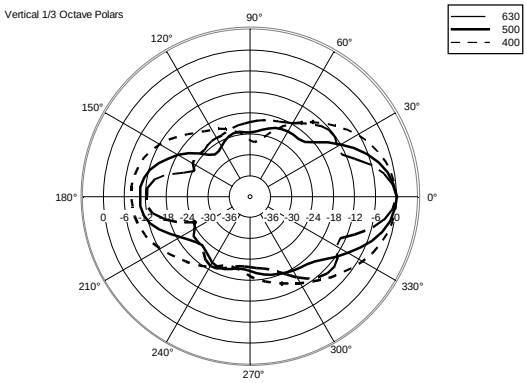

Horizontal 1/3 Octave Polars
5000
4000
3150

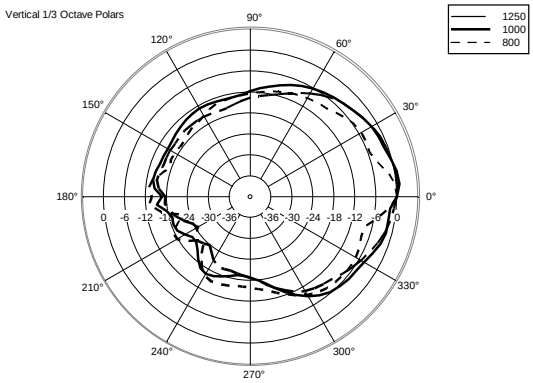

Horizontal 1/3 Octave Polars
10000
8000
6300

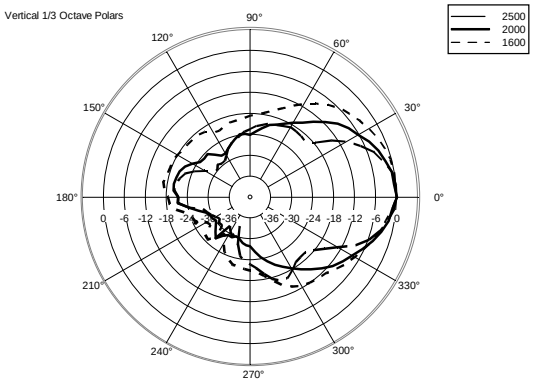

Horizontal One Octave Polars

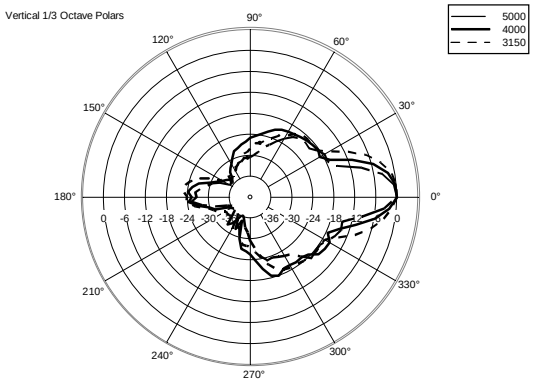

Vertical 1/3 Octave Polars
160
125
100

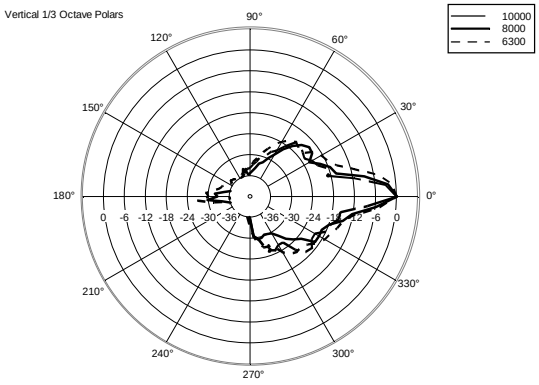

Vertical 1/3 Octave Polars
315
250
200

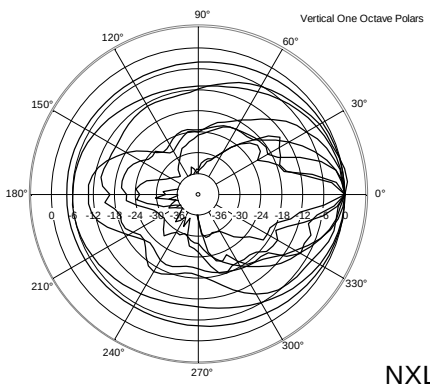

Vertical 1/3 Octave Polars
630
500
400


Vertical 1/3 Octave Polars
1250
1000
800


Vertical 1/3 Octave Polars
2500
2000
1600


Vertical 1/3 Octave Polars
5000
4000
3150


Vertical 1/3 Octave Polars
10000
8000
6300


Vertical One Octave Polars

**ACCESSORI**



AC PM-M20

CODICE **13360067**
EAN: 8024530014599



AC PMX POLE MOUNT M20

CODICE **13360232**
EAN: 8024530010058



AC PRO-FS PROFESS. LOCKING FLOOR STAND

CODICE **13360109**
EAN: 8024530006471



AC PRO-PM PROFESS. LOCKING POLE MOUNT

CODICE **13360110**
EAN: 8024530006488



FLY BAR FL-B NXL 44

CODICE **13360345**
EAN: 8024530013653



LINK BAR FL-B LINK NXL 44

CODICE **13360346**
EAN: 8024530013639



STACKING KIT 2X NXL44-A

CODICE **13360347**
EAN: 8024530013646