

MCL15-05 PA Horn Loudspeaker & Xenon Beacon

The MCL15-05 combines a 15W PA horn loudspeaker with a 5 Joule Xenon beacon. With a robust, fire retardant, IP66 & IP67 housing, the MCL15-05 is particularly suitable for harsh environments with high ambient noise levels.

Features:

- Automatic synchronised flash, or Flip-Flop alternating mode.
- Xenon tube mechanically secured against vibration.
- Continuously rated.
- Large termination area.
- Stainless steel fixings.
- Ratchet adjustable stainless steel 'U' bracket for 360° positioning.
- Duplicate cable terminations (in & out for daisy-chain installations).
- Tropicalisation available on request.

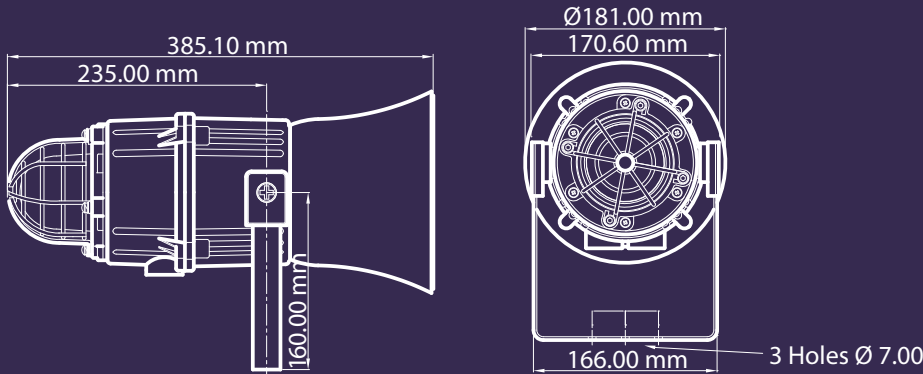
Approvals:

- GOST-R approved. Cert: POCC GB-JB05-B02228

Part codes:

Version:	Part code:
100V Line	MCL1505100V[xx]G-[yy]
70V Line	MCL150570V[xx]G-[yy]
16 Ohm	MCL150516R[xx]G-[yy]
8 Ohm	MCL15058R[xx]G-[yy]
[xx] = Beacon voltage:	12, 24, 48 V dc 115, 230V ac
[yy] = Lens colour:	AM: Amber, BL: Blue, CL: Clear GN: Green, RD: Red, YW: Yellow





Specification:

Loudspeaker:

SPL:	108dB +/-3dB @ 1w @ 1m - Pink noise 118dB +/-3dB @ 15w (rated power) @ 1m
Rated power:	15 Watts RMS
70v line tapings:	15w / 7.5w / 3w / 1w (z=336.67 Ohms / 653.33 Ohms / 1.6kOhms / 4.9kOhms)
100v line tapings:	15w / 7.5w / 3w / 1w (z=666.87 Ohms / 1.34kOhms / 3.34kOhms / 10kOhms)
Low impedance:	8 Ohm or 16 Ohm
Dispersion:	120° @ 1kHz & 32° @ 4kHz
Frequency range:	400Hz to 8000 Hz
DC Line monitoring:	2.2uF Capacitor (Transformer version) 470uF Capacitor (Impedance version)

Beacon:

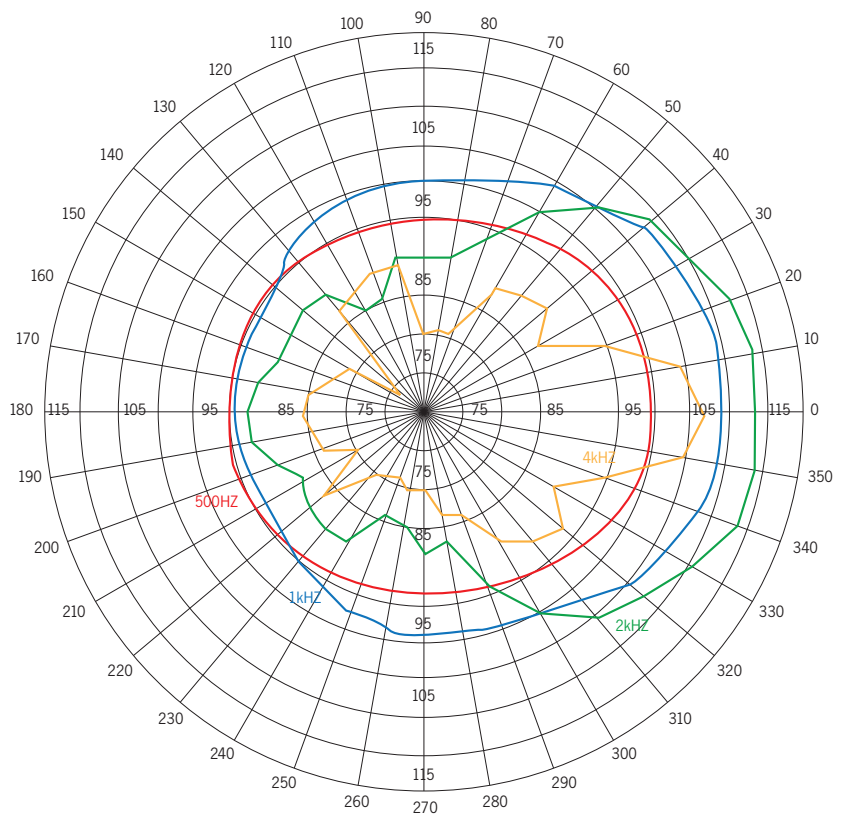
Energy:	5 Joules (5Ws)
Flash rate:	1Hz (60 fpm)
Peak Candela:	16,428 cd
Effective Intensity cd:	51 cd*
Lens colours:	Amber, Blue, Clear, Green, Red & Yellow
Tube life:	Emissions are reduced to 70% after 8 million flashes

General:

Ingress protection:	IP66 & IP67 (Third part tested)
Housing material:	High impact UL94 V0 & 5VA FR ABS
Colour:	Grey (RAL7038)
Cable entries:	2 x M20 supplied with 1 blanking plug
Lens material:	Borosilicate glass dome with PC prismatic lens cover.
Guard:	Stainless Steel dome guard as standard
Terminals:	0.5 to 4.0mm ² cables.
Operating temperature:	-25 to +55°C
Storage temperature:	-40 to +70°C
Relative humidity:	90% at 20°C.
Weight :	DC: 3.00kg AC:3.50kg

Xenon Beacon:

Version:	Voltage range:	Current mA:
12V dc	10-14V dc	550mA
24V dc	20-28V dc	300mA
48V dc	42-54V dc	180mA
115V ac	50/60Hz +/-10%	140mA
230V ac	50/60Hz +/-10%	55mA



*Candela measurements representative of performance with clear lens at optimum voltage.
*SPL data +/-3dB(A). Measured at optimum voltage.