

# Bazén nad lužánkami - šatny



Jan Čečrdle  
Schrack SECONET Praha

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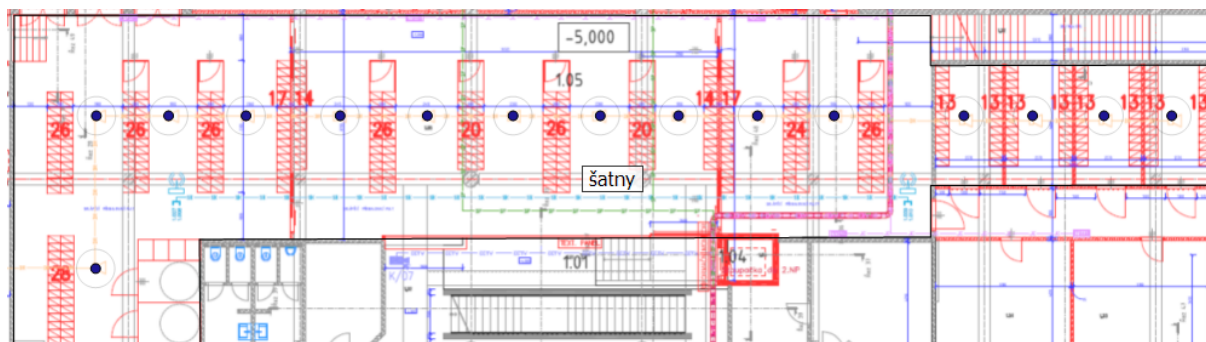
## Project Information

<b>Title:</b>	Bazén nad lužánkami - šatny
<b>Author:</b>	Jan Čečrdle
<b>Company:</b>	Schrack SECONET Praha
<b>Temperature:</b>	20,0°C
<b>Pressure:</b>	Standard (1010,0 hPa)
<b>Humidity:</b>	Standard (60%)
<b>Mapping:</b>	Total SPL, Broadband
<b>Input Signal Type:</b>	Program (IEC 60268)
<b>Calculation Accuracy:</b>	Fast Approximation

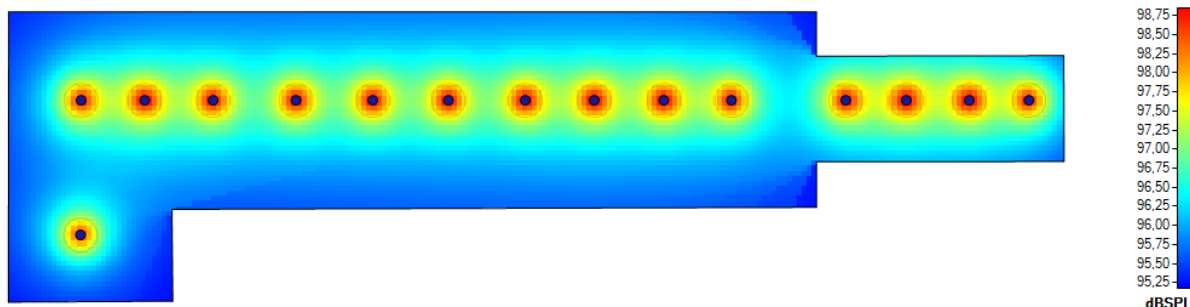
## Sound Sources Summary

Amount	Type
15	DL-E 06-130/T-EN54 CoA (ic audio GmbH)

## Layout Overview



## Room: šatny



Label:	šatny
Room Height:	3,00 m
Ear Height:	1,70 m
Network Voltage:	100 V
Power Consumption:	90W

## Sound Sources Summary

Amount	Type
15	DL-E 06-130/T-EN54 CoA (ic audio GmbH)

## Room Layout

Vertex Nr.	X [m]	Y [m]
1	2,64	0,96
2	9,95	1,00
3	9,91	5,07
4	38,54	5,16
5	38,53	7,17
6	49,53	7,19
7	49,52	11,88
8	38,53	11,86
9	38,53	13,81
10	2,66	13,82

## Reverberation Time

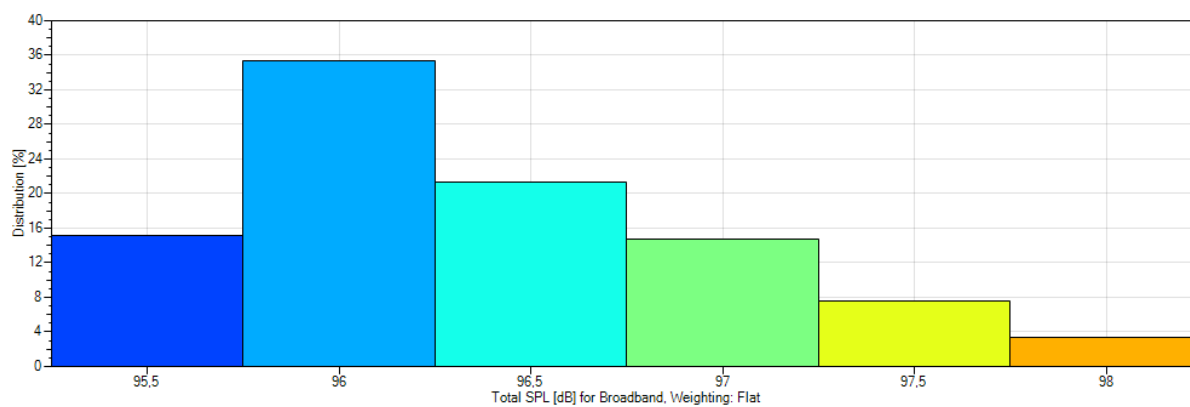
Frequency Band	Reverberation Time (Eyring)
100	0,75 s
125	0,78 s
160	0,73 s
200	0,68 s

250	0,65 s
315	0,65 s
400	0,65 s
500	0,65 s
630	0,60 s
800	0,55 s
1000	0,51 s
1250	0,51 s
1600	0,53 s
2000	0,53 s
2500	0,56 s
3150	0,60 s
4000	0,63 s
5000	0,61 s
6300	0,58 s
8000	0,53 s
10000	0,47 s

## Sound Sources

Nr.	Mounting	Type	X [m]	Y [m]	Z [m]	Hor [°]	Ver [°]	Tap Settings
1	Ceiling	DL-E 06-130/T-EN54 CoA	5,85	3,94	3,00	0,0	-90,0	6W (100V)
2	Ceiling	DL-E 06-130/T-EN54 CoA	5,88	9,90	3,00	0,0	-90,0	6W (100V)
3	Ceiling	DL-E 06-130/T-EN54 CoA	8,70	9,90	3,00	0,0	-90,0	6W (100V)
4	Ceiling	DL-E 06-130/T-EN54 CoA	11,74	9,90	3,00	0,0	-90,0	6W (100V)
5	Ceiling	DL-E 06-130/T-EN54 CoA	15,42	9,90	3,00	0,0	-90,0	6W (100V)
6	Ceiling	DL-E 06-130/T-EN54 CoA	18,83	9,90	3,00	0,0	-90,0	6W (100V)
7	Ceiling	DL-E 06-130/T-EN54 CoA	22,19	9,90	3,00	0,0	-90,0	6W (100V)
8	Ceiling	DL-E 06-130/T-EN54 CoA	25,60	9,90	3,00	0,0	-90,0	6W (100V)
9	Ceiling	DL-E 06-130/T-EN54 CoA	28,66	9,90	3,00	0,0	-90,0	6W (100V)
10	Ceiling	DL-E 06-130/T-EN54 CoA	31,76	9,90	3,00	0,0	-90,0	6W (100V)
11	Ceiling	DL-E 06-130/T-EN54 CoA	34,76	9,90	3,00	0,0	-90,0	6W (100V)
12	Ceiling	DL-E 06-130/T-EN54 CoA	39,84	9,90	3,00	0,0	-90,0	6W (100V)
13	Ceiling	DL-E 06-130/T-EN54 CoA	42,53	9,90	3,00	0,0	-90,0	6W (100V)
14	Ceiling	DL-E 06-130/T-EN54 CoA	45,32	9,90	3,00	0,0	-90,0	6W (100V)
15	Ceiling	DL-E 06-130/T-EN54 CoA	47,97	9,90	3,00	0,0	-90,0	6W (100V)

## Distribution



Average:	96,4 dB ±0,7
Average + Std. Dev.:	97,1 dB
Average - Std. Dev.:	95,7 dB
Data Points:	8326