

Bazén Nad Lužánkami - bazénová hala a restaurace



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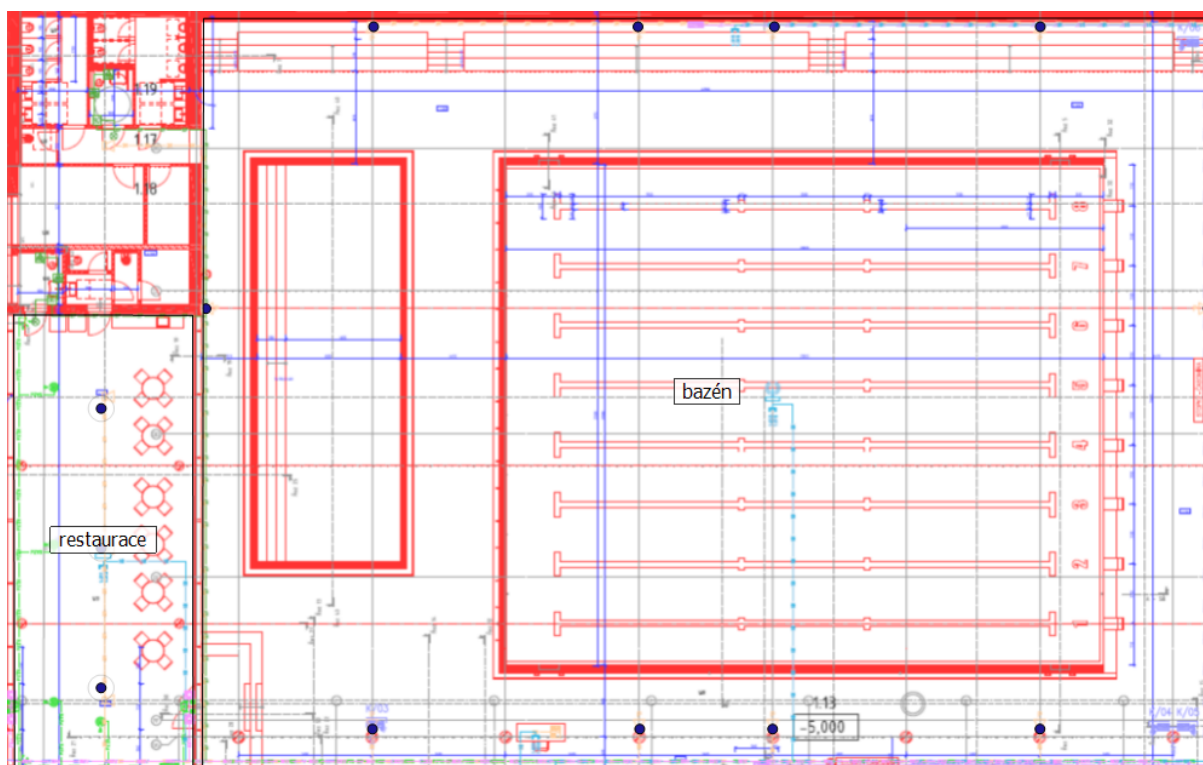
Project Information

Title:	Bazén Nad Lužánkami - bazénová hala a restaurace
Author:	Jan Čečrdle
Company:	Schrack SECONET Praha
Temperature:	20,0°C
Pressure:	Standard (1010,0 hPa)
Humidity:	Standard (60%)
Mapping:	STI, Broadband
Input Signal Type:	Program (IEC 60268)
Calculation Accuracy:	Fast Approximation

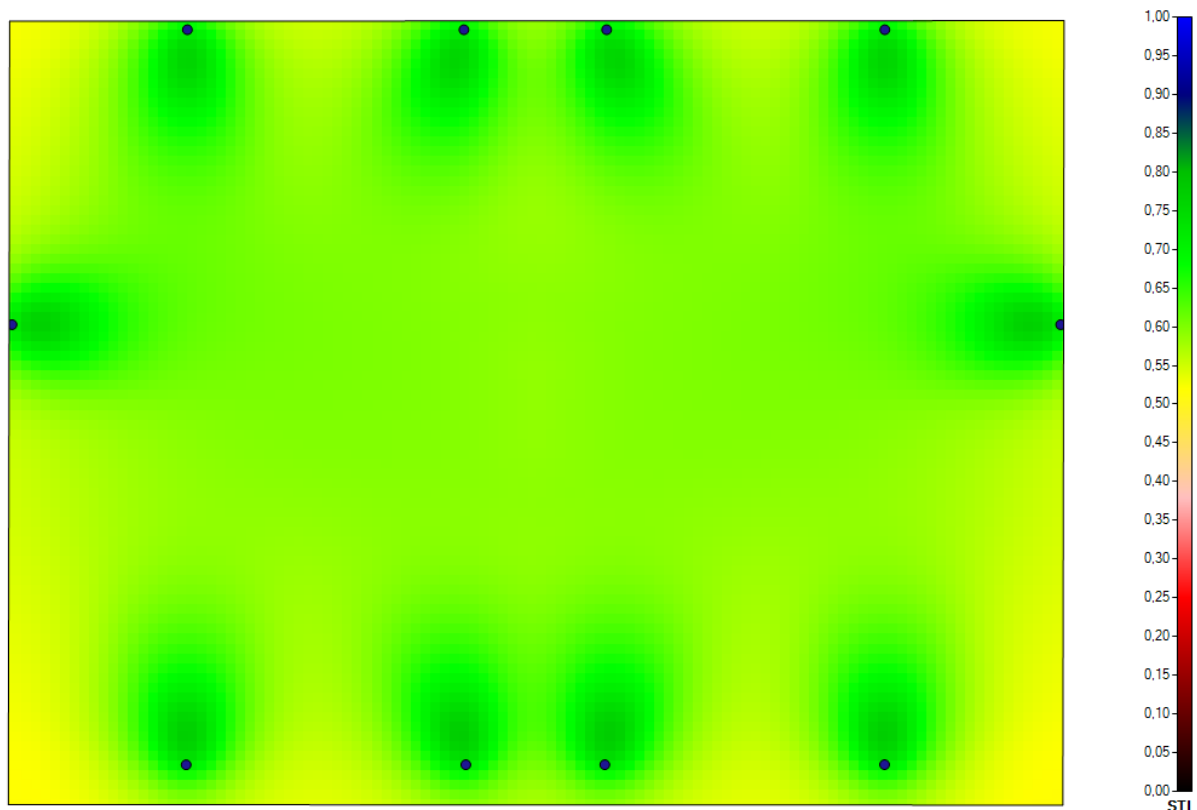
Sound Sources Summary

Amount	Type
10	DA-P 20-130/T-EN54 (ic audio GmbH)
3	DL-E 06-130/T-EN54 CoA (ic audio GmbH)

Layout Overview



Room: bazén



Label:	bazén
Room Height:	10,00 m
Ear Height:	1,70 m
Network Voltage:	100 V
Power Consumption:	200W

Sound Sources Summary

Amount	Type
10	DA-P 20-130/T-EN54 (ic audio GmbH)

Room Layout

Vertex Nr.	X [m]	Y [m]
1	3,72	-10,01
2	39,85	-10,02
3	39,89	16,81
4	3,76	16,79

Reverberation Time

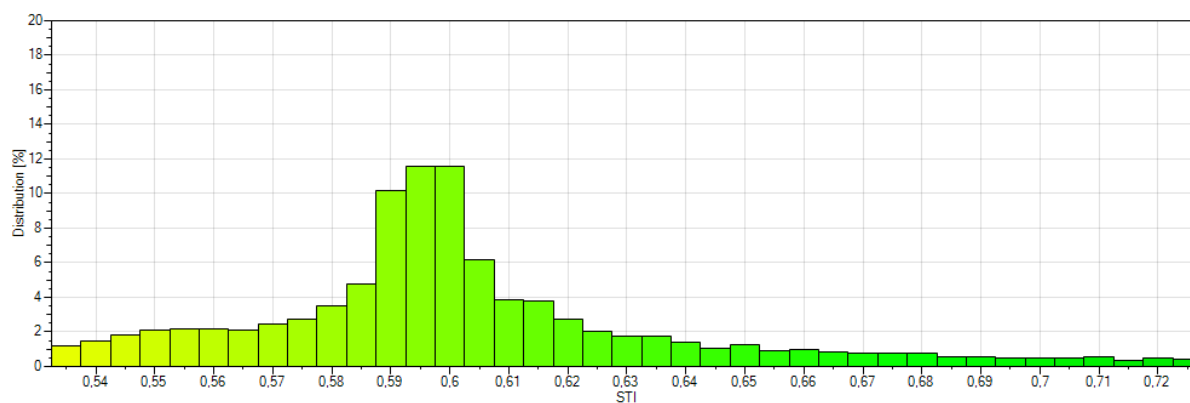
Frequency Band	Reverberation Time (Eyring)
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100	3,38 s
125	2,73 s
160	2,42 s
200	2,70 s
250	1,60 s
315	1,59 s
400	1,45 s
500	1,42 s
630	1,39 s
800	1,41 s
1000	1,41 s
1250	1,39 s
1600	1,44 s
2000	1,46 s
2500	1,43 s
3150	1,15 s
4000	1,20 s
5000	1,25 s
6300	1,09 s
8000	0,93 s
10000	0,75 s

Sound Sources

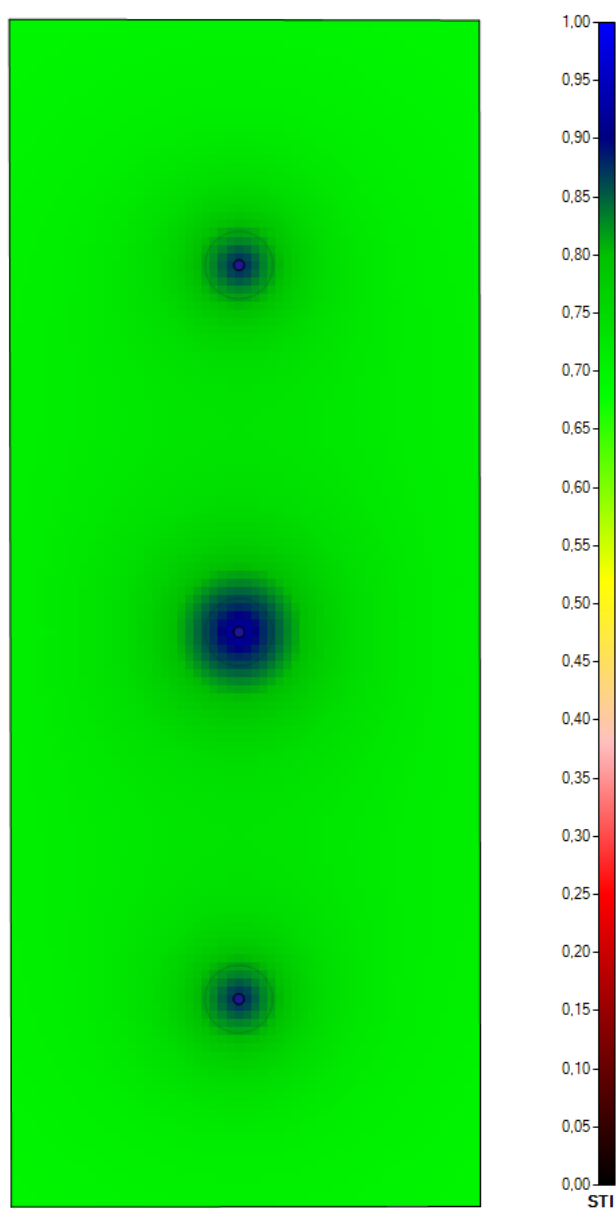
Nr.	Mounting	Type	X [m]	Y [m]	Z [m]	Hor [°]	Ver [°]	Tap Settings
1	Ceiling	DA-P 20-130/T-EN54	9,85	16,50	3,00	-90,0	-15,4	20W (100V)
2	Ceiling	DA-P 20-130/T-EN54	33,75	16,50	3,00	-90,0	-15,4	20W (100V)
3	Ceiling	DA-P 20-130/T-EN54	24,22	16,50	3,00	-72,4	-15,4	20W (100V)
4	Ceiling	DA-P 20-130/T-EN54	9,81	-8,64	3,00	-90,0	-160,8	20W (100V)
5	Ceiling	DA-P 20-130/T-EN54	33,74	-8,64	3,00	-90,0	-160,6	20W (100V)
6	Ceiling	DA-P 20-130/T-EN54	19,39	-8,64	3,00	-78,5	-160,3	20W (100V)
7	Ceiling	DA-P 20-130/T-EN54	3,85	6,41	3,00	-179,9	-160,8	20W (100V)
8	Ceiling	DA-P 20-130/T-EN54	39,77	6,41	3,00	-0,1	-160,6	20W (100V)
9	Ceiling	DA-P 20-130/T-EN54	24,15	-8,64	3,00	-98,7	-160,3	20W (100V)
10	Ceiling	DA-P 20-130/T-EN54	19,33	16,50	3,00	-106,1	-15,4	20W (100V)

Distribution



Average:	0,60 ±0,04
Average + Std. Dev.:	0,65
Average - Std. Dev.:	0,56
Data Points:	8969

Room: restaurace



Label:	restaurace
Room Height:	2,50 m
Ear Height:	1,70 m
Network Voltage:	100 V
Power Consumption:	12W

Sound Sources Summary

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

Room Layout

Vertex Nr.	X [m]	Y [m]
1	-6,65	-29,84
2	-0,26	-29,83
3	-0,27	-13,66
4	-6,68	-13,65

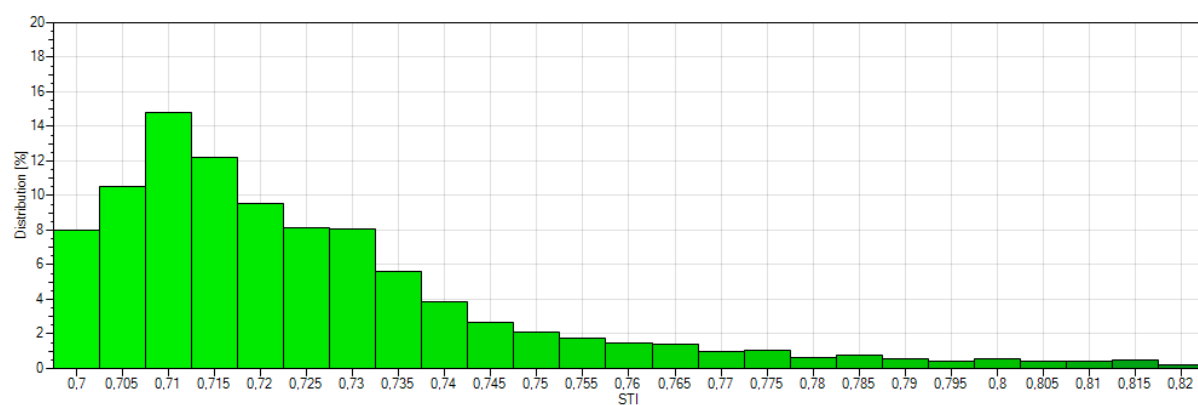
Reverberation Time

Frequency Band	Reverberation Time (Eyring)
100	0,74 s
125	0,75 s
160	0,75 s
200	0,71 s
250	0,68 s
315	0,67 s
400	0,66 s
500	0,65 s
630	0,65 s
800	0,66 s
1000	0,66 s
1250	0,65 s
1600	0,65 s
2000	0,64 s
2500	0,64 s
3150	0,64 s
4000	0,63 s
5000	0,60 s
6300	0,57 s
8000	0,52 s
10000	0,46 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	-3,55	-17,00	2,50	0,0	-90,0	3W (100V)
2	Ceiling	DL-E 06-130/T-EN54 CoA	-3,55	-22,00	2,50	0,0	-90,0	6W (100V)
3	Ceiling	DL-E 06-130/T-EN54 CoA	-3,55	-27,00	2,50	0,0	-90,0	3W (100V)

Distribution



Average:	0,73 ±0,03
Average + Std. Dev.:	0,76
Average - Std. Dev.:	0,70
Data Points:	8690