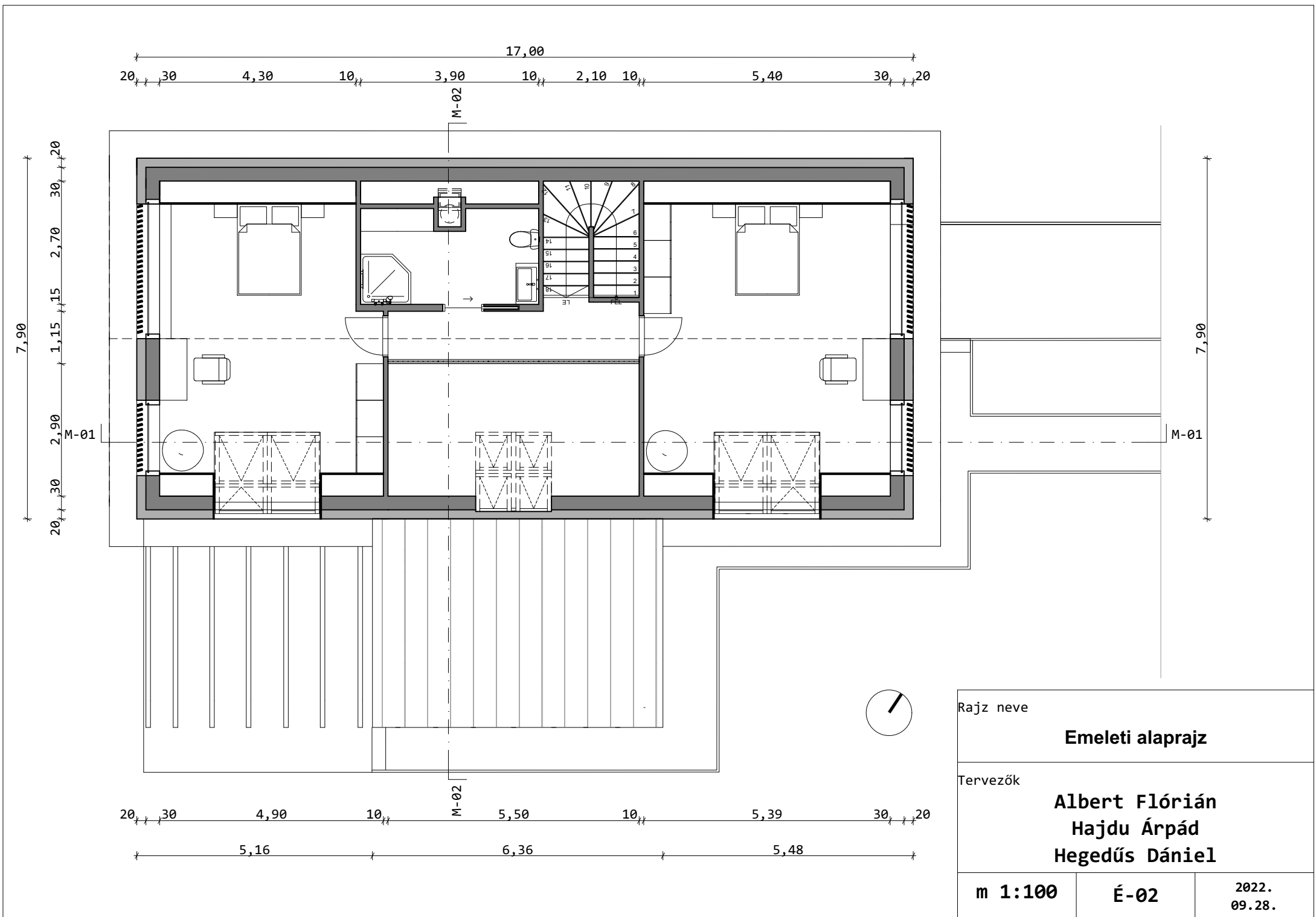


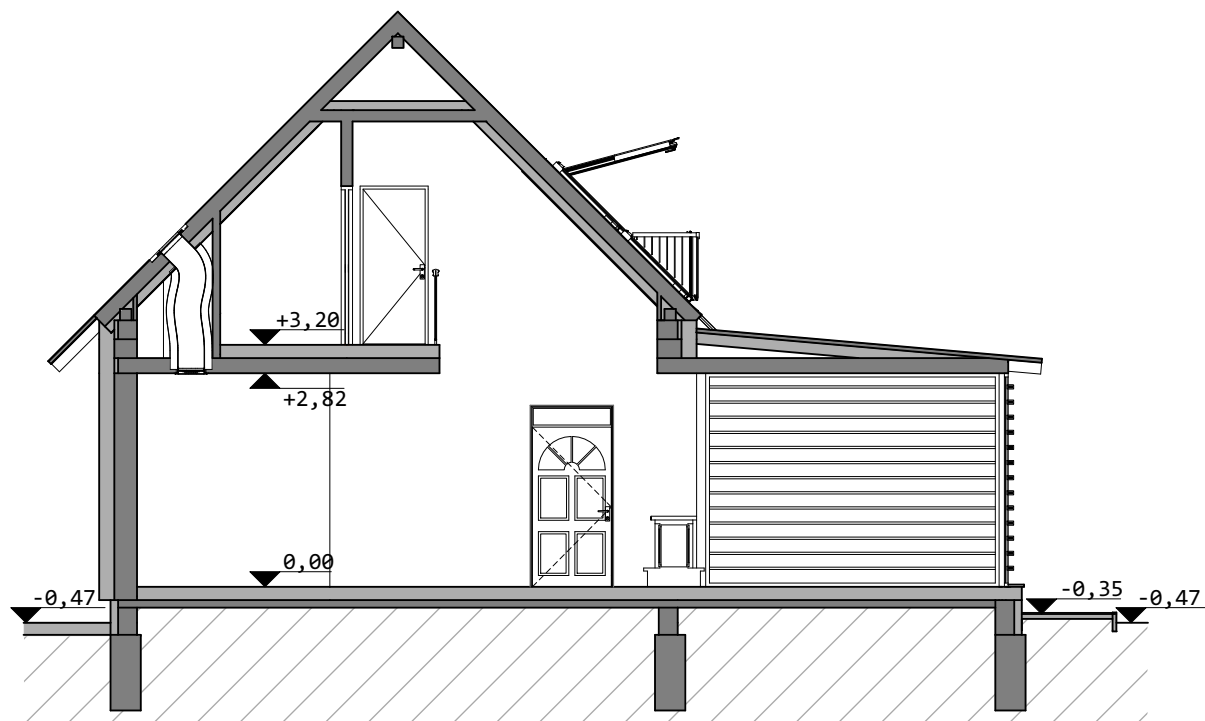
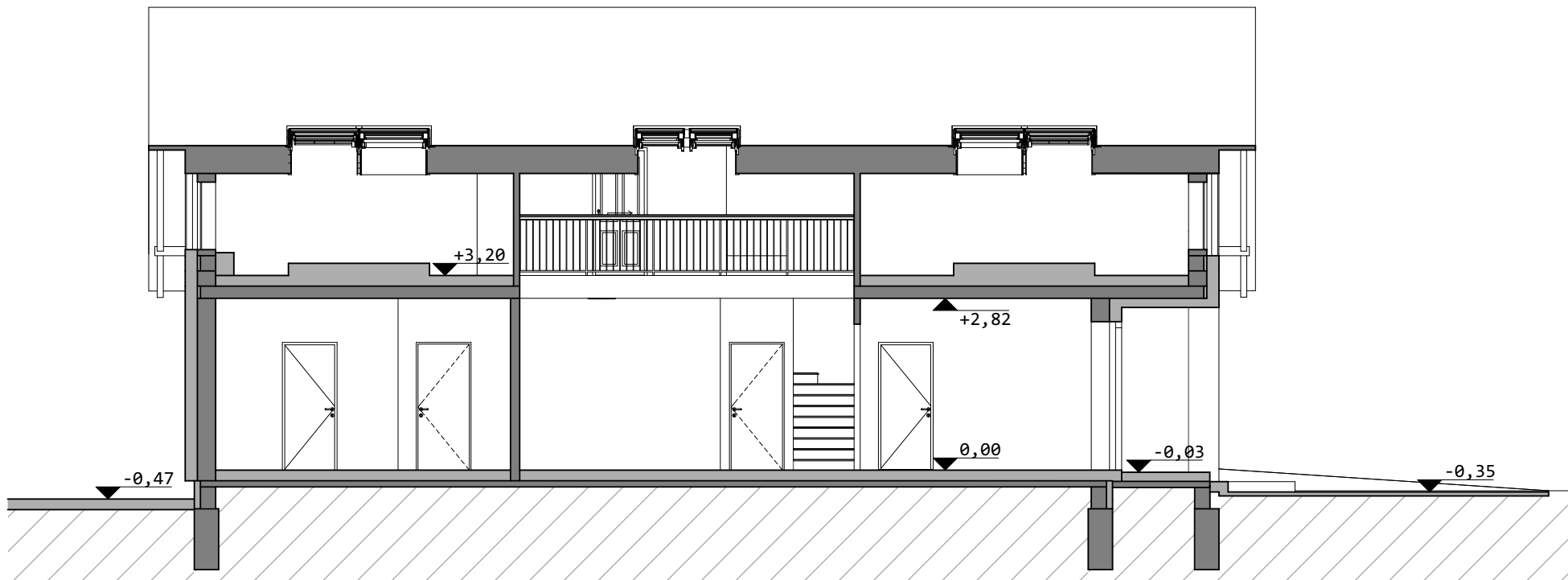
Mellékletek

Az interjú teljes kérdéssora:

- Ki Ön és mivel foglalkozik?
- Milyen programot használ a munkában?
- Használt-e tervezésben/kivitelezésben VR szemüvegeket?
- Abban az esetben, ha használt, akkor mikor?
- Abban az esetben, ha használt, akkor milyen eszközt használt?
- Abban az esetben, ha nem használt akkor miért nem használ/használt?
- Milyen a jelenlegi használhatóság alapján?
- Lehet-e ez az építészet jövője?
- Mennyire jól érzékelhetőek benne a terek (szélesség, hosszúság, magasság)
- Milyen előnyei vannak?
- Milyen hátrányain vannak?
- Jelenleg használ-e?
- Milyen egészségügyi kockázatokat lát benne?
- Használat közben érzékel-e szédülést, émelygést, hányingert?
- Mennyire szakadt ki a valóságból?
- Hozzájárul-e ahhoz, hogy a nevét, illetve a munkahelyét megemlítsük a megkérdezettek listáján



Rajz neve		
Emeleti alaprajz		
Tervezők		
Albert Flórián Hajdu Árpád Hegedűs Dániel		
m 1:100	É-02	2022. 09.28.



Rajz neve

Hosszmetszet, keresztmetszet

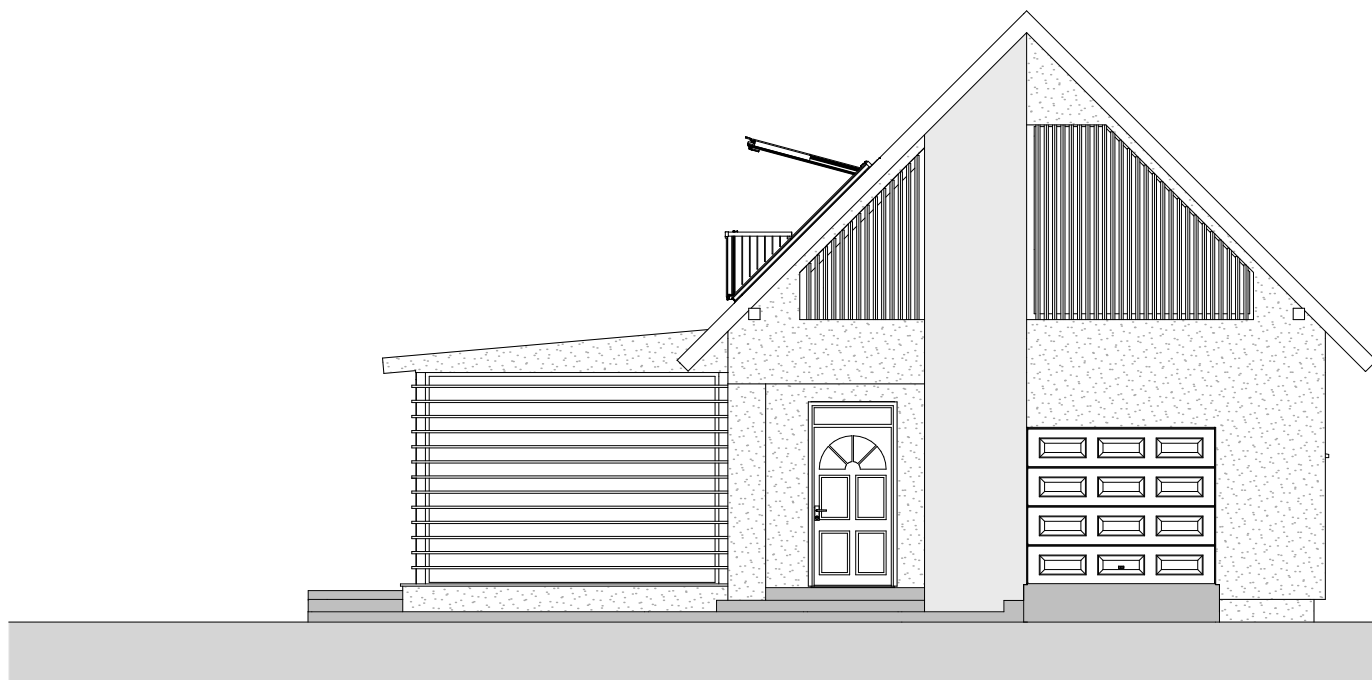
Tervezők

**Albert Flórián
Hajdu Árpád
Hegedűs Dániel**

m 1:100

É-03

**2022.
09.28.**



Rajz neve

Homlokzatok

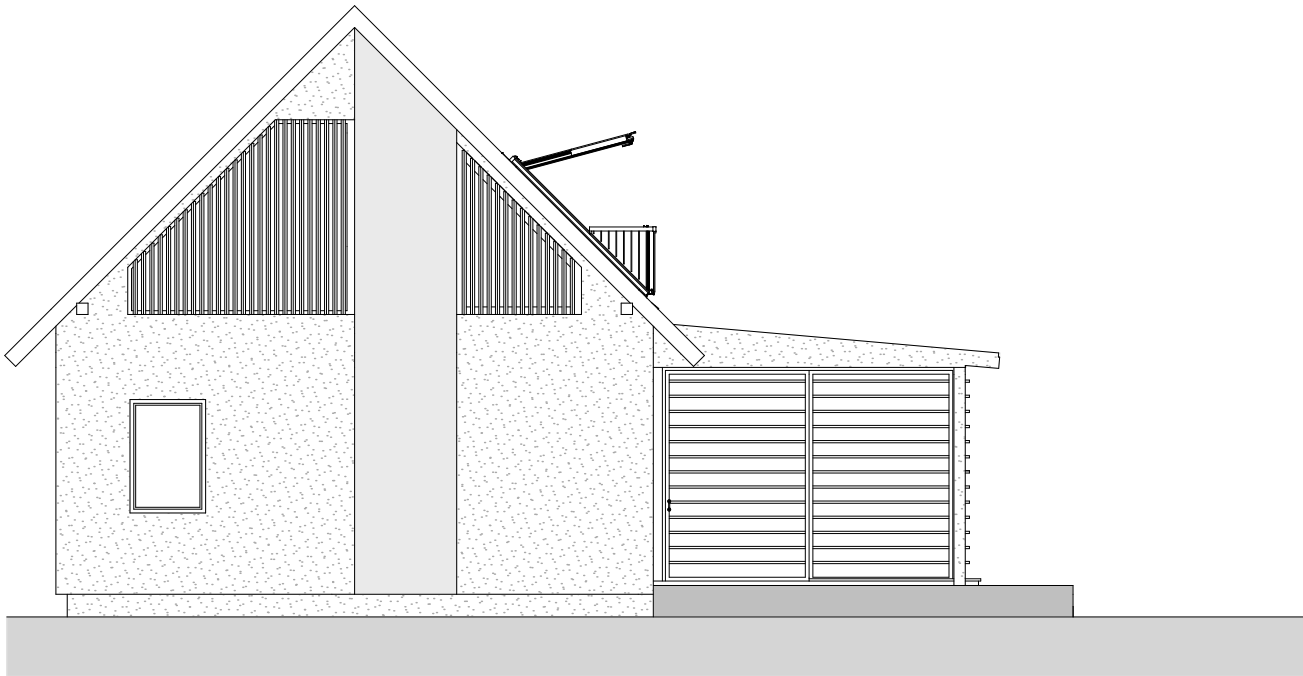
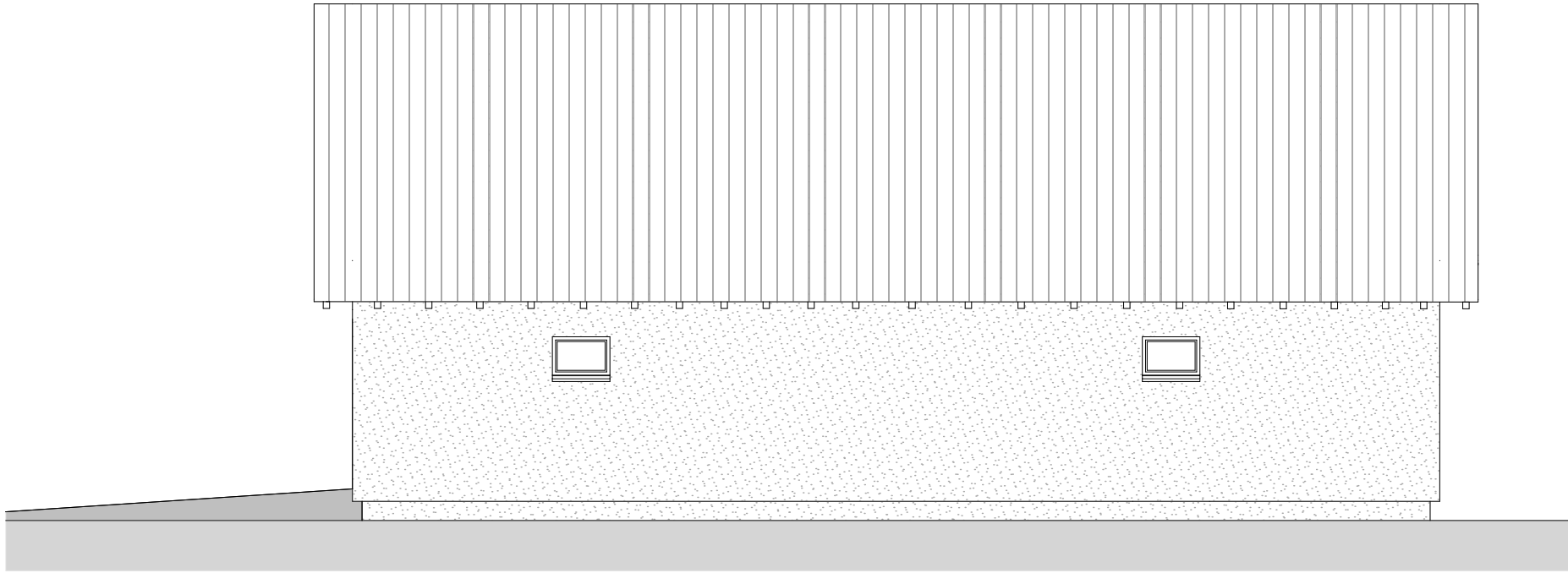
Tervezők

**Albert Flórián
Hajdu Árpád
Hegedűs Dániel**

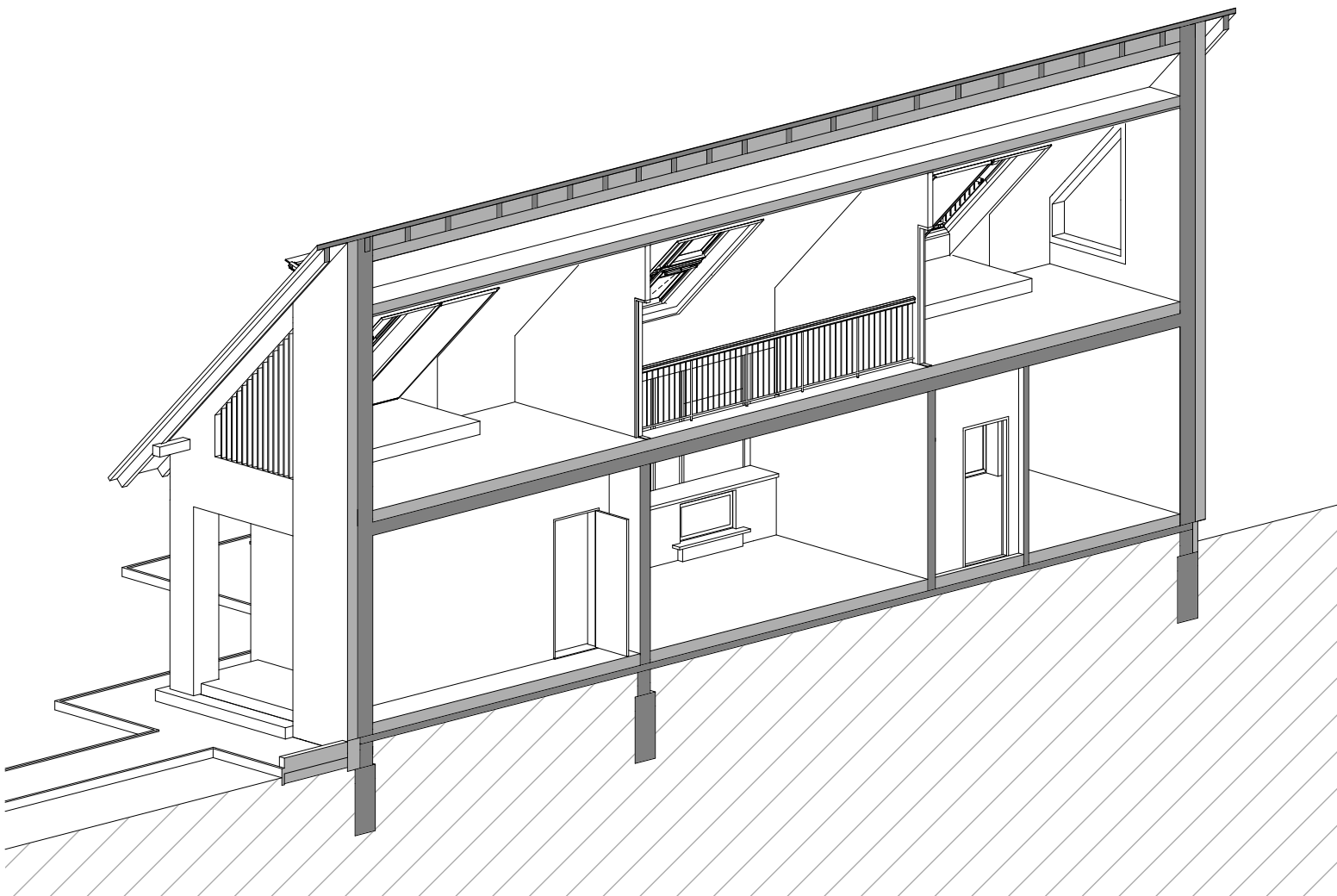
m 1:100

É-04

**2022.
09.28.**



Rajz neve		
Homlokzatok		
Tervezők		
Albert Flórián Hajdu Árpád Hegedűs Dániel		
m 1:100	É-05	2022. 09.28.



Rajz neve

3D Hosszmetszet

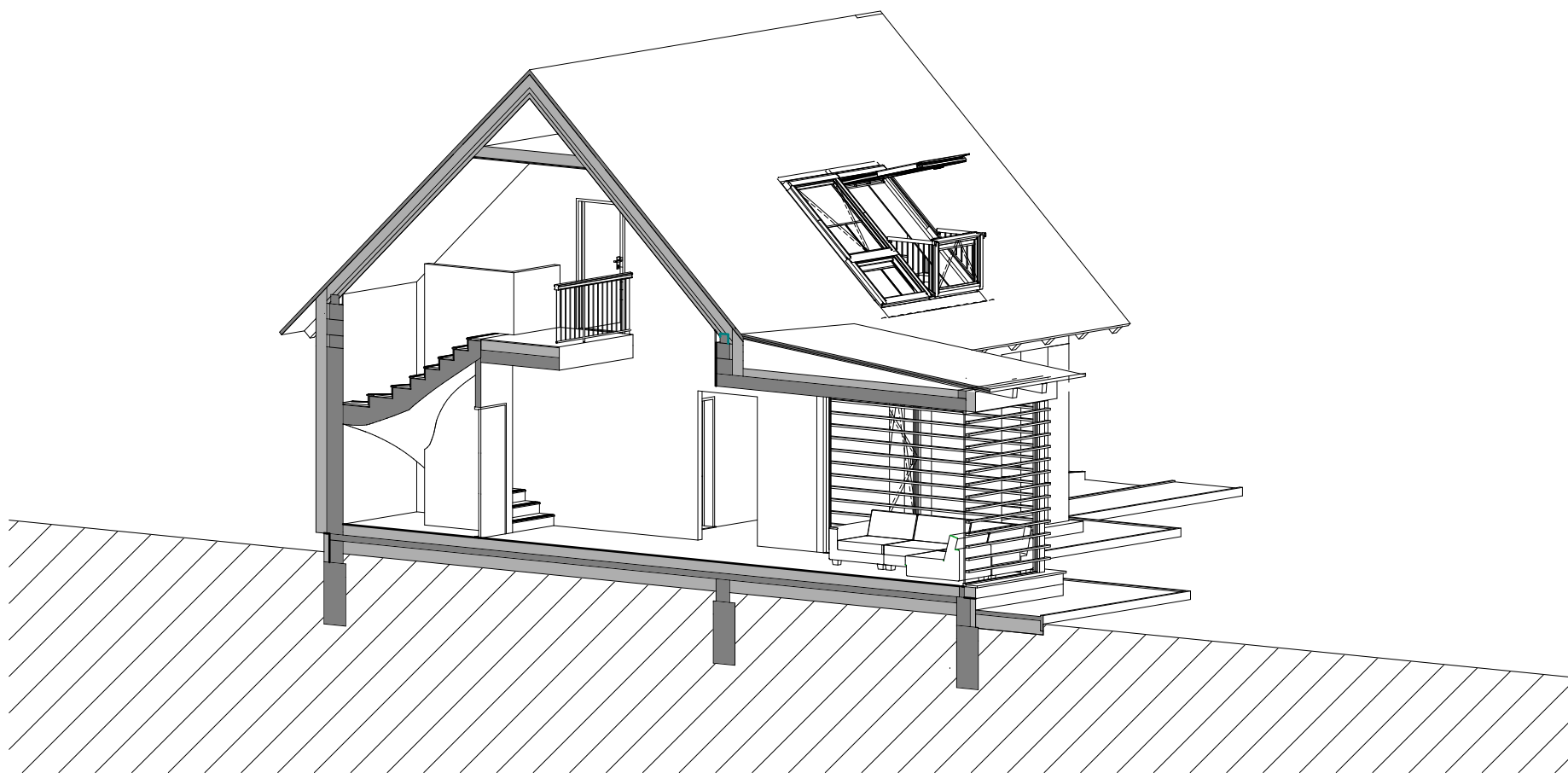
Tervezők

**Albert Flórián
Hajdu Árpád
Hegedűs Dániel**

m 1:100

É-06

**2022.
09.28.**



Rajz neve

3D Keresztmetszet

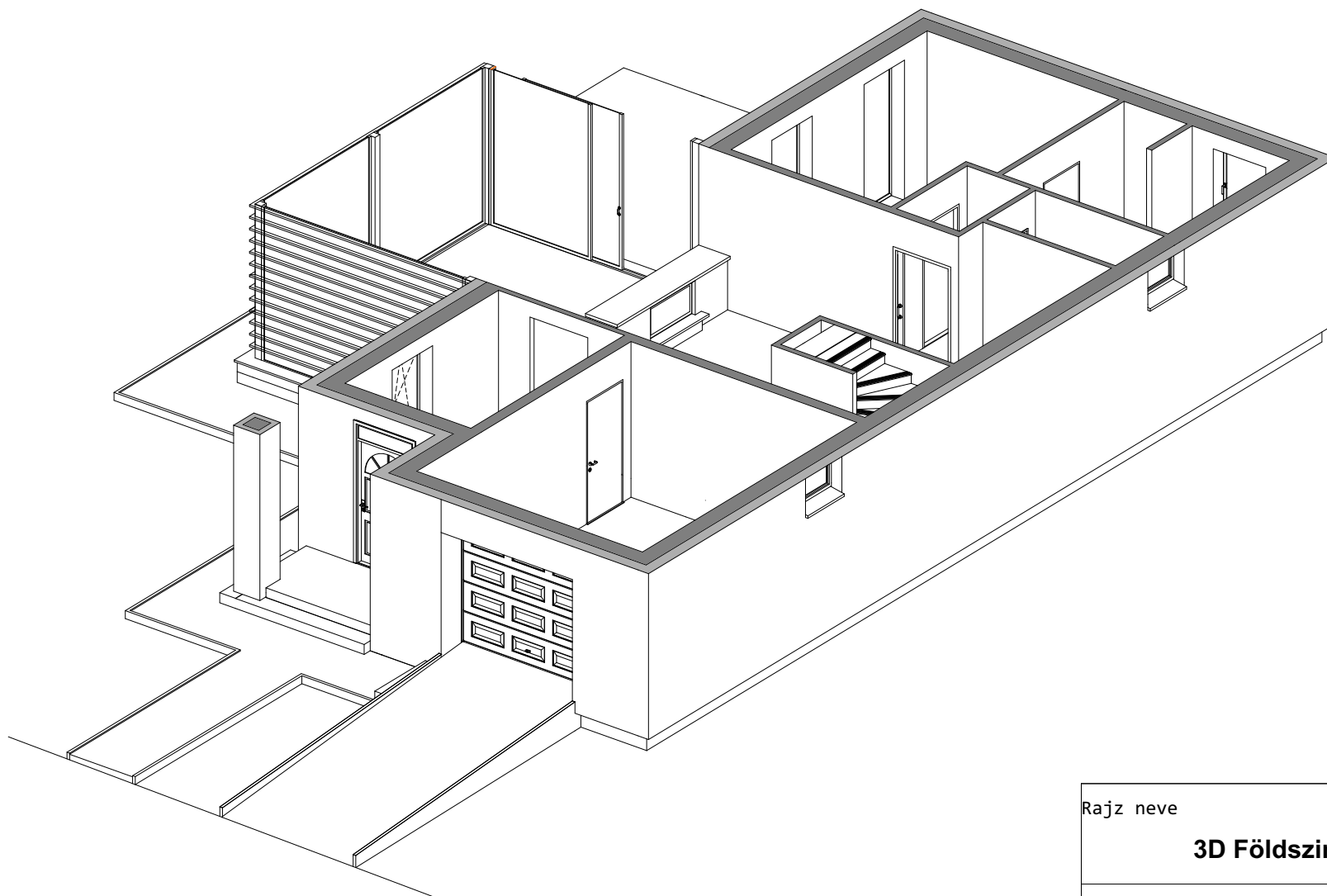
Tervezők

**Albert Flórián
Hajdu Árpád
Hegedűs Dániel**

m 1:100

É-07

**2022.
09.28.**



Rajz neve

3D Földszinti alaprajz

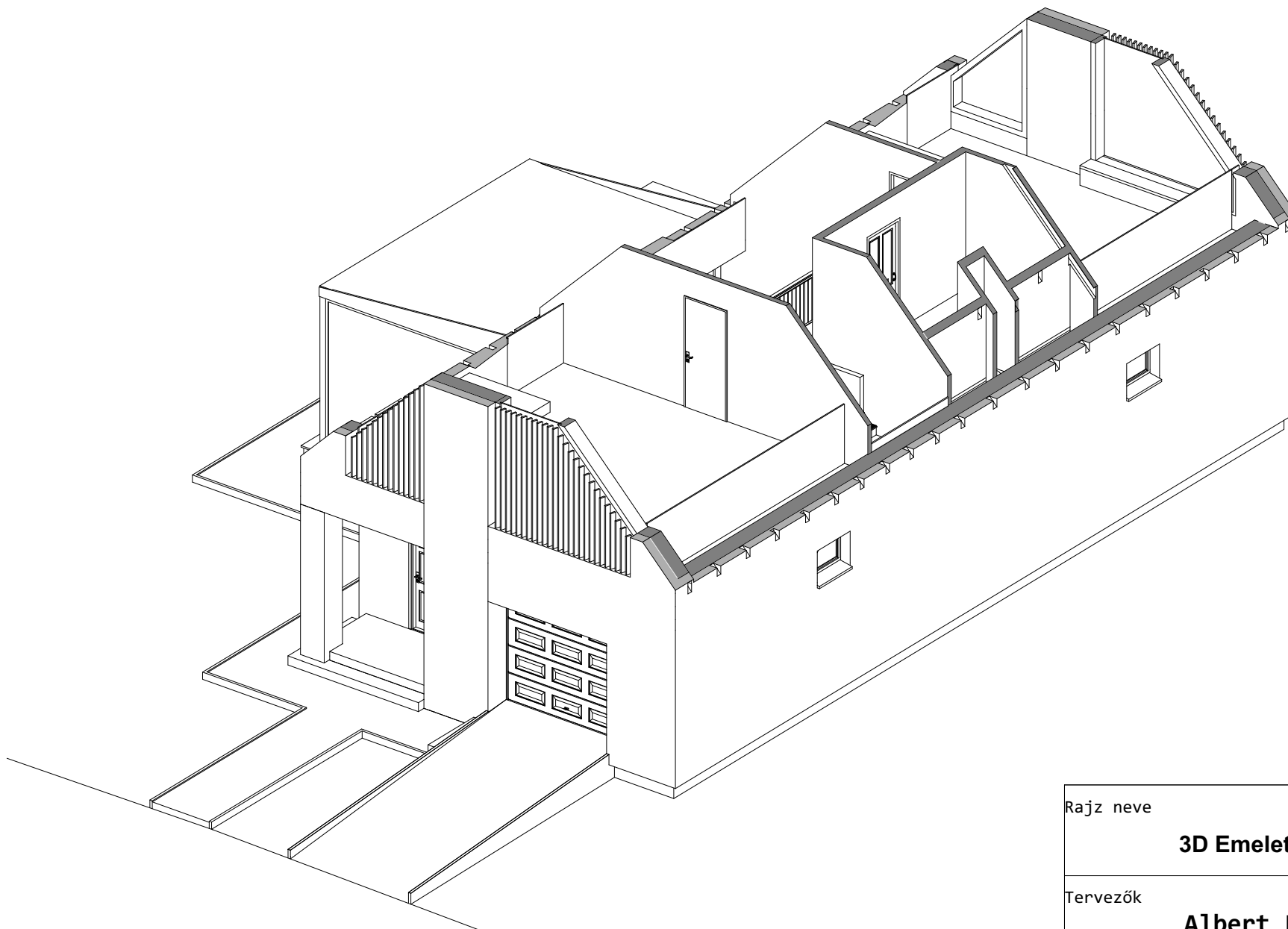
Tervezők

**Albert Flórián
Hajdu Árpád
Hegedűs Dániel**

m 1:100

É-08

**2022.
09.28.**



Rajz neve

3D Emeleti metszet

Tervezők

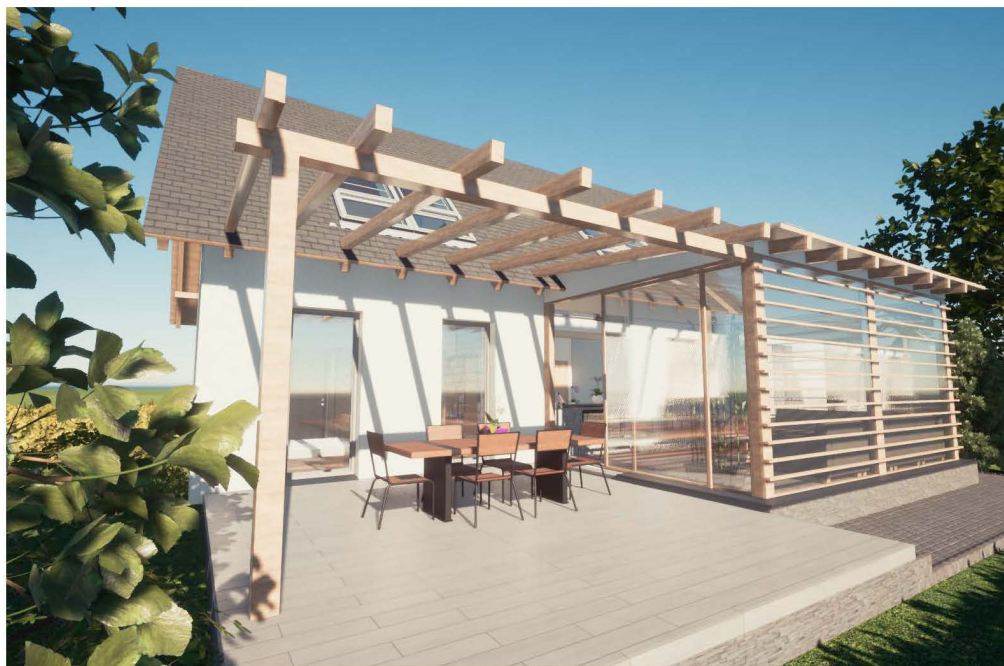
**Albert Flórián
Hajdu Árpád
Hegedűs Dániel**

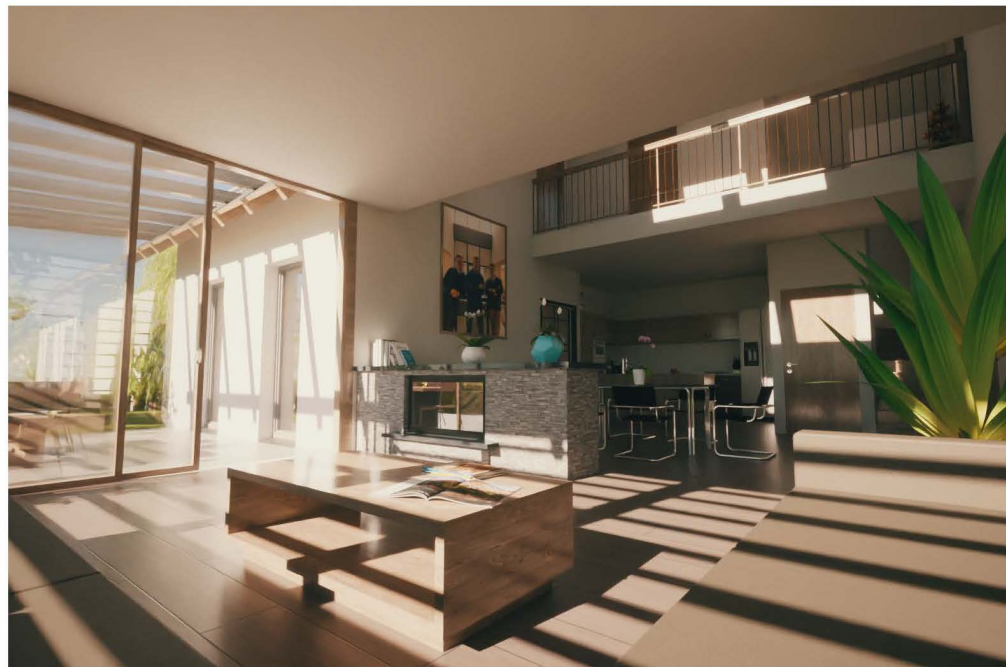
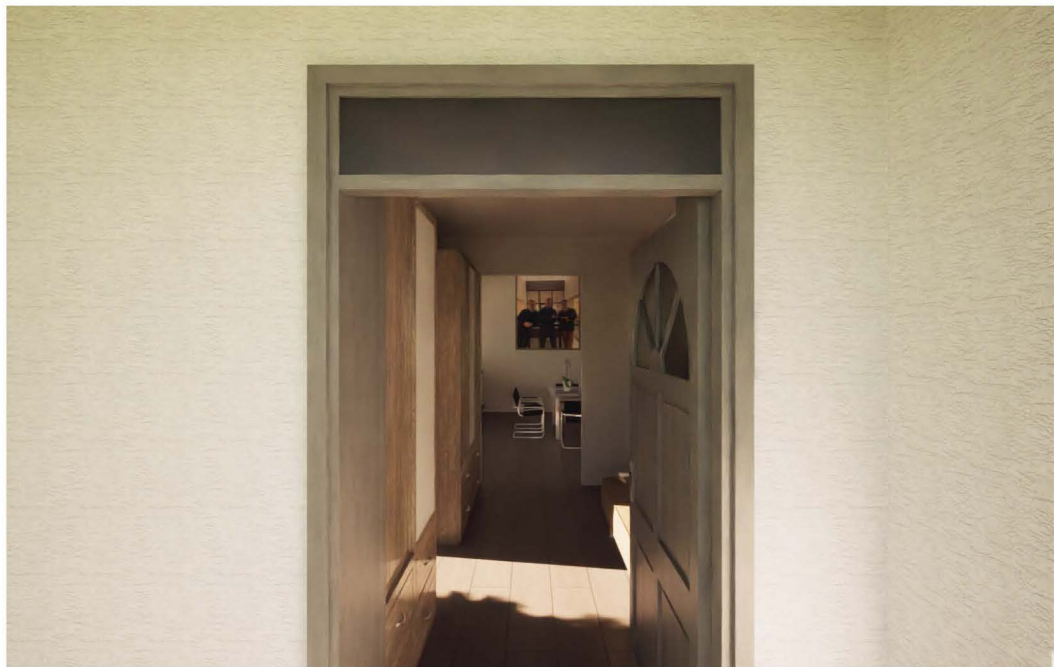
m 1:100

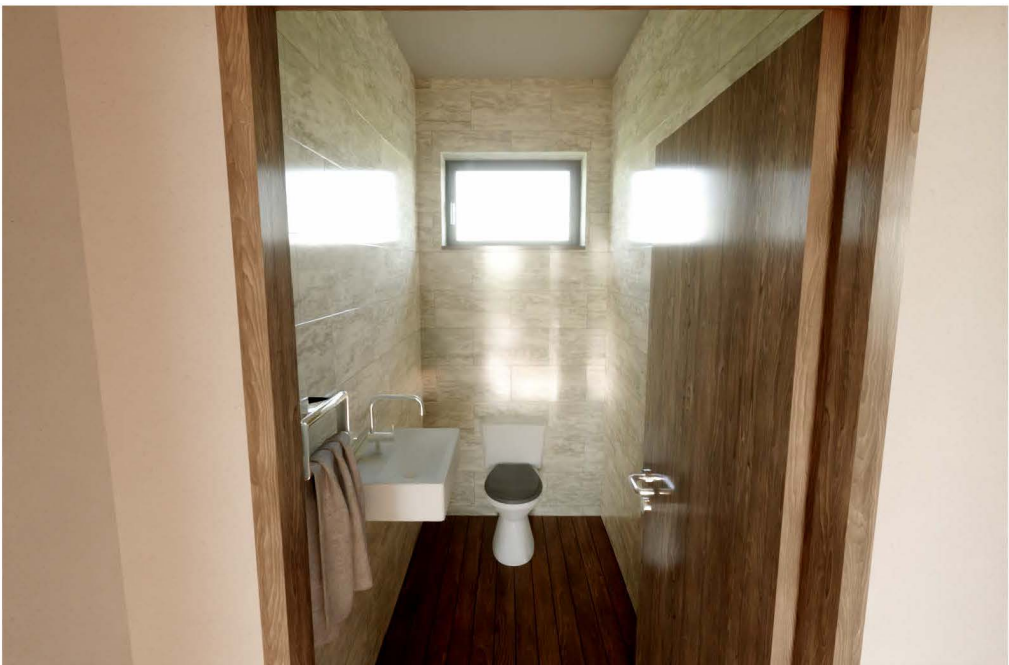
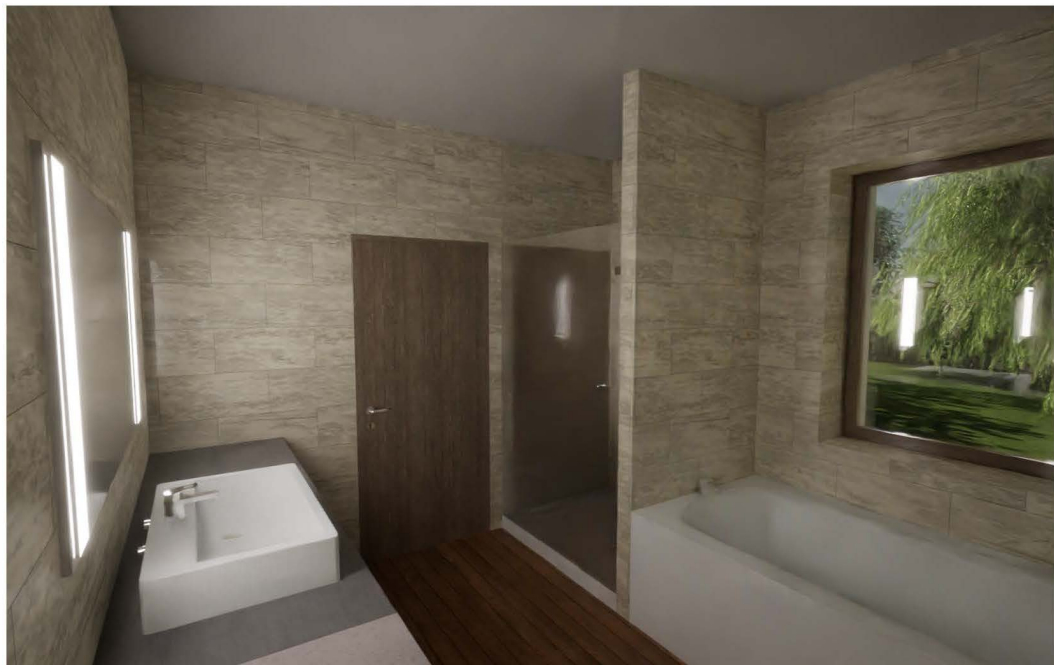
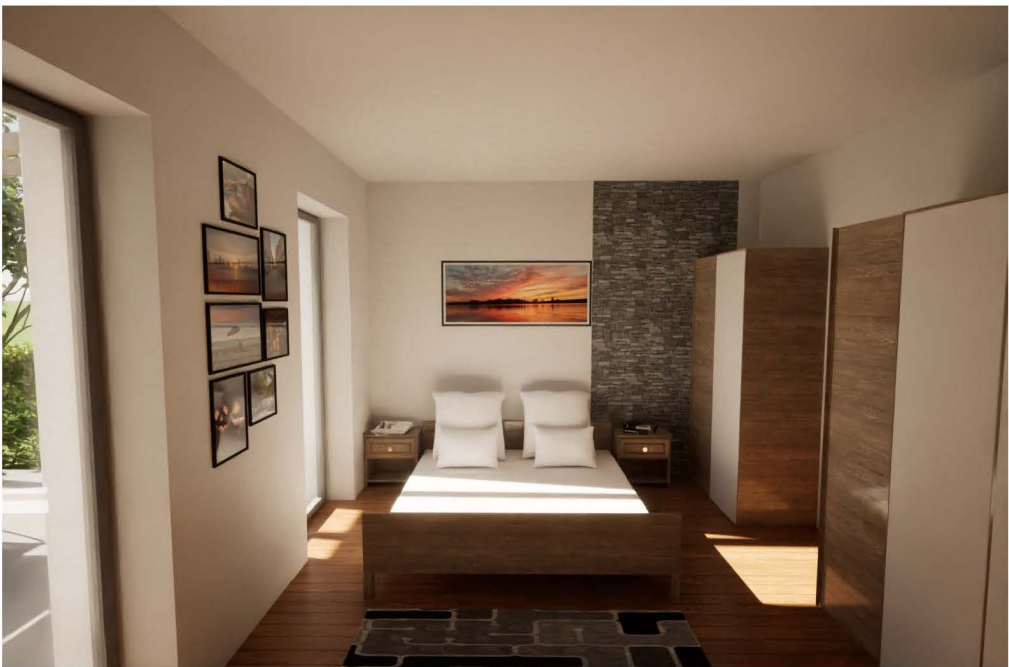
É-09

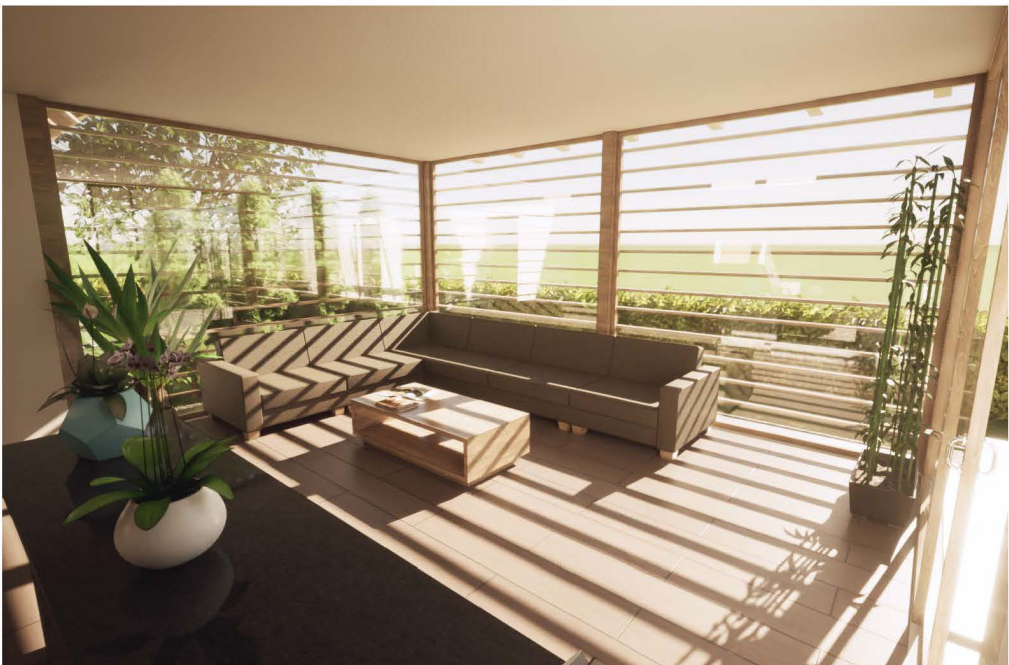
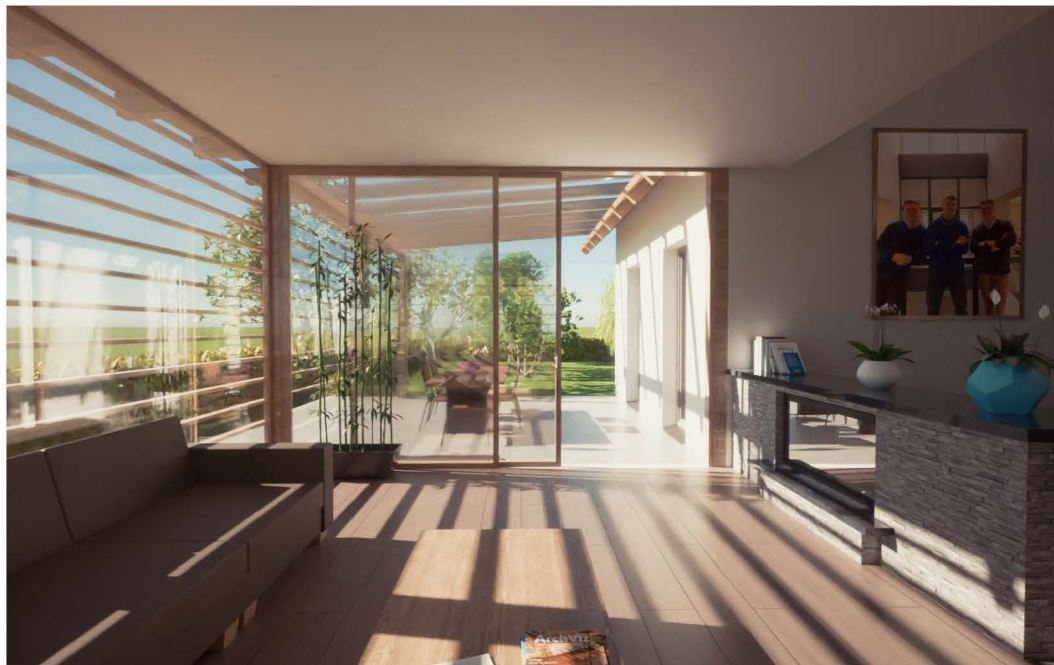
**2022.
09.28.**

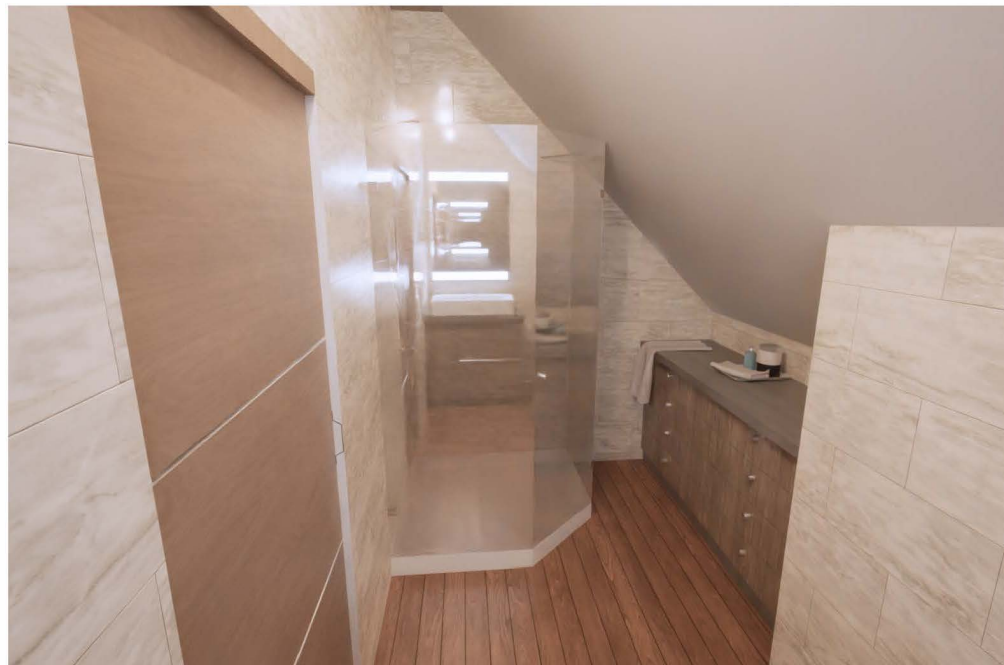
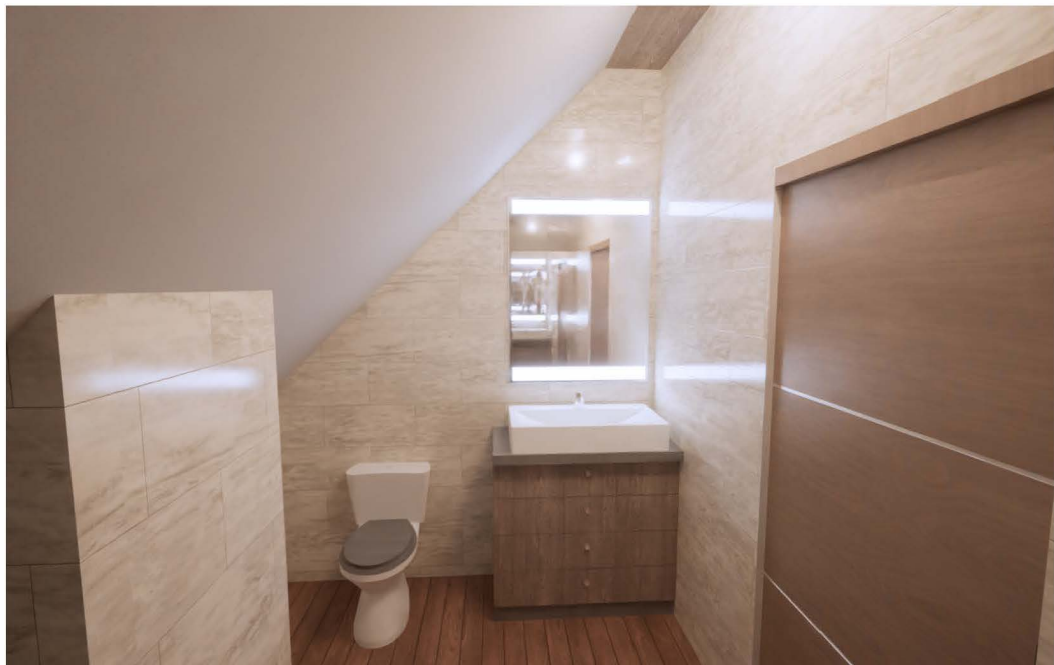
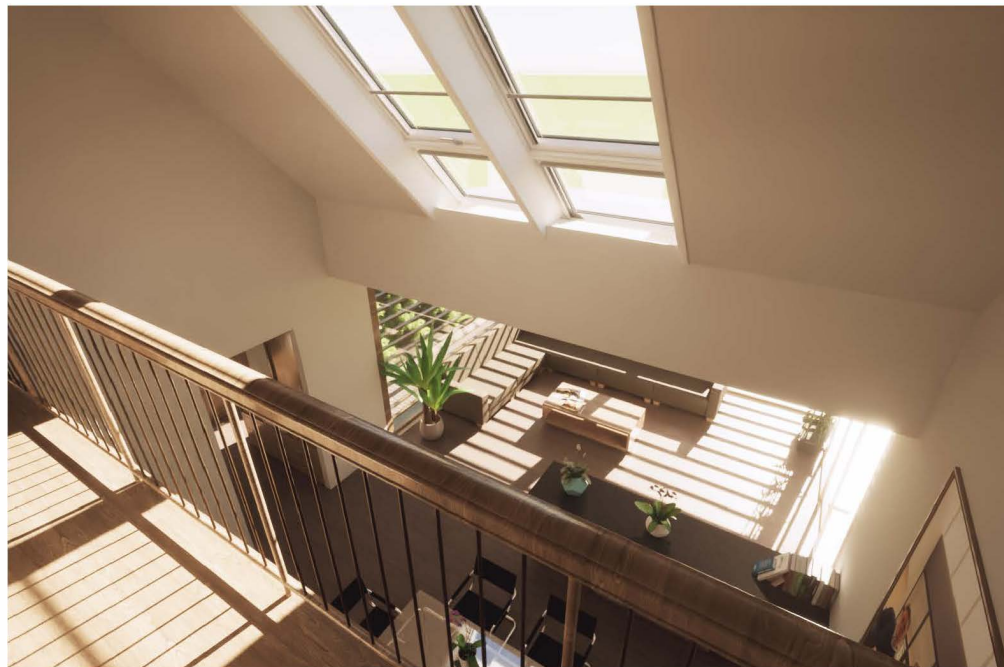
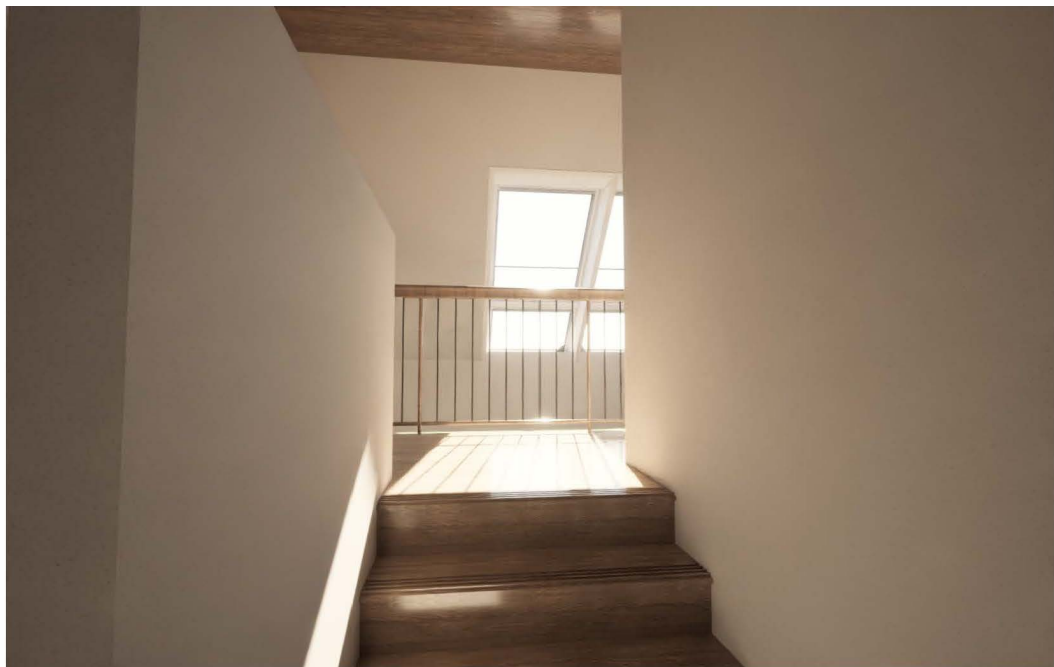


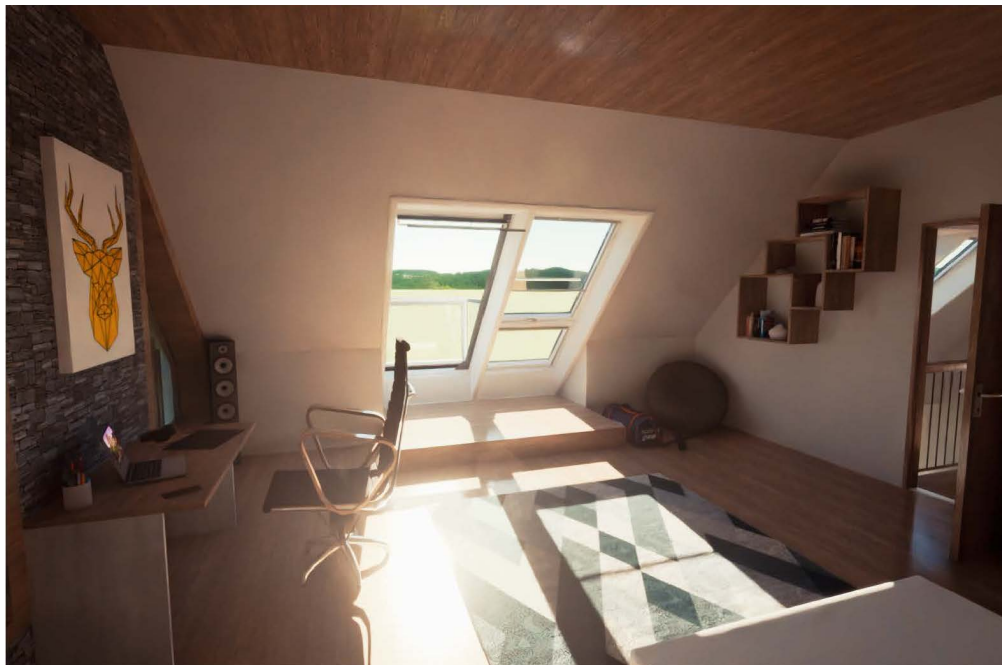
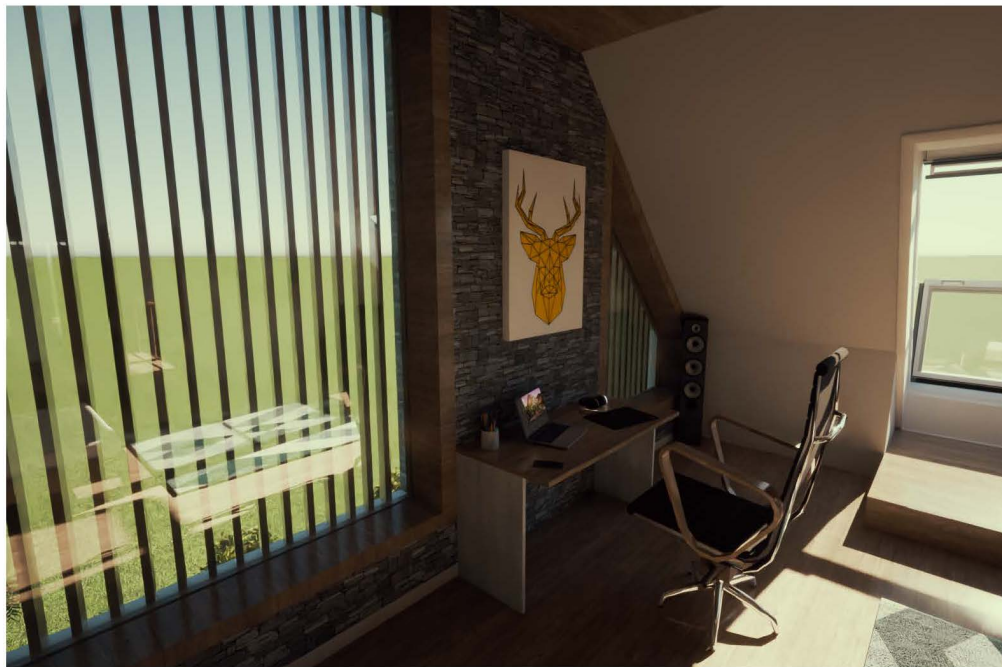
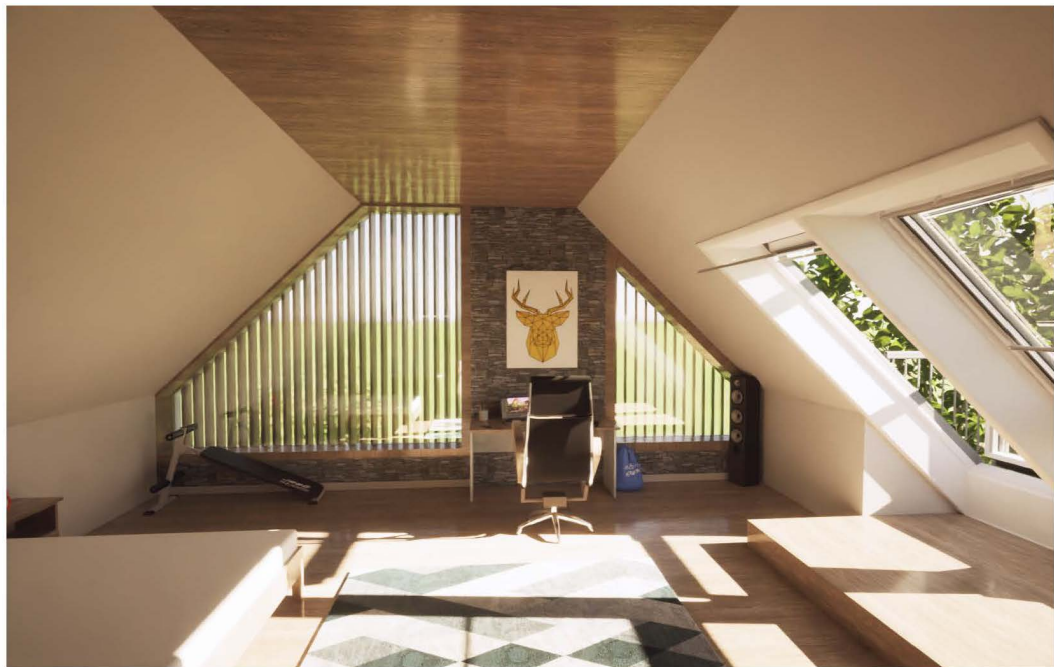


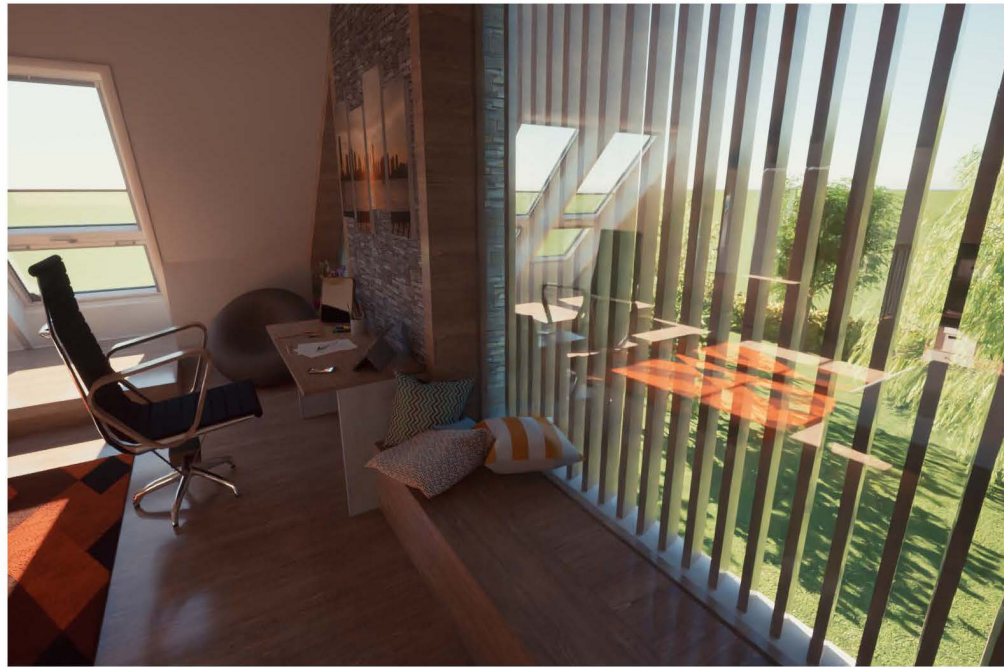








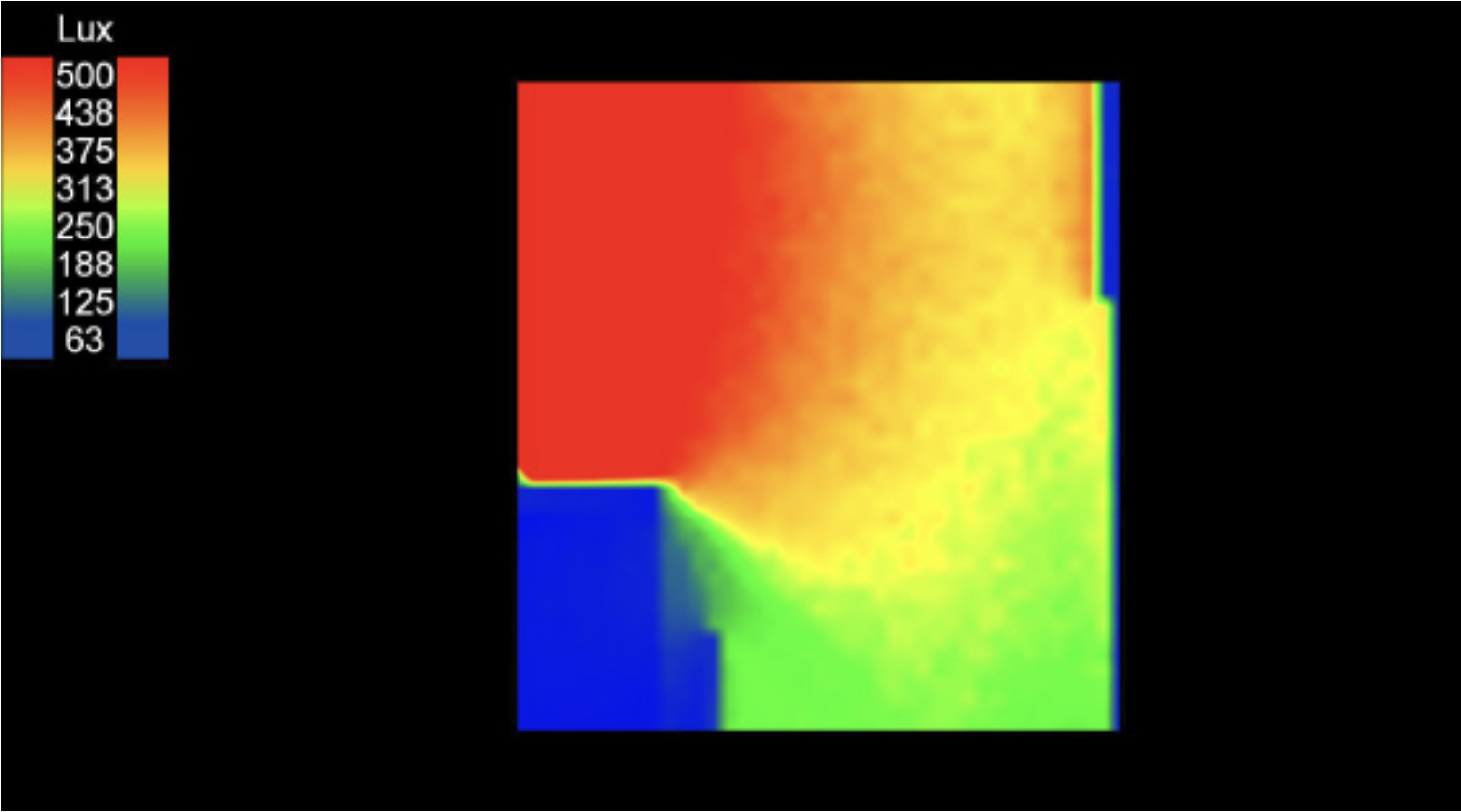




Benapozás vizsgálat eredménye:

Március hónap adatai

földszinti fürdő



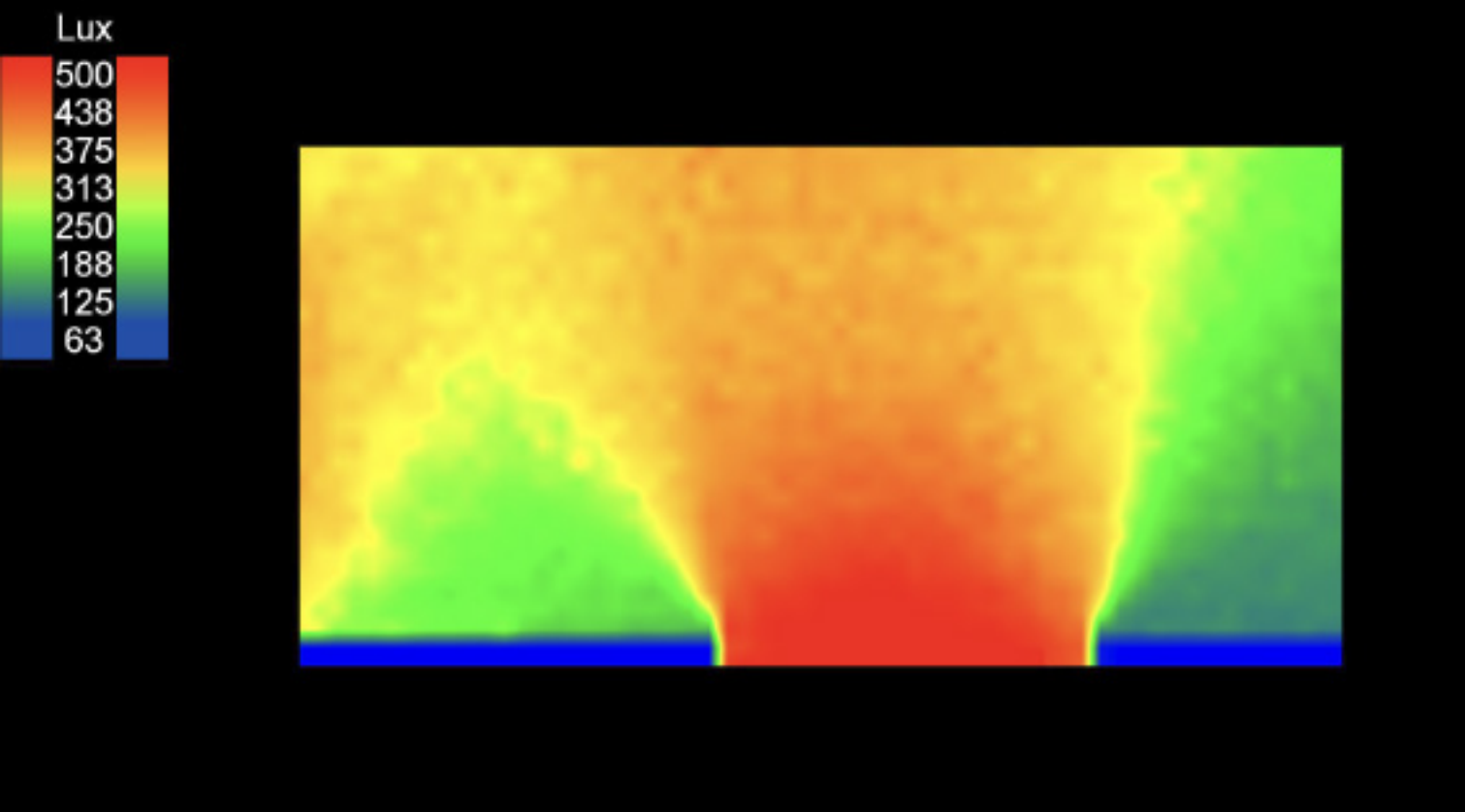
Average	$I_{average}$	446.16 lux
Median	I_{median}	420.77 lux
Minimum	I_{min}	0.10 lux
Maximum	I_{max}	1139.28 lux
Uniformity 1	$I_{min}/I_{average}$	0.0002
Uniformity 2	I_{min}/I_{max}	0.0001
$F_{plane, \% \geq 40\%}$		451.41 lux
$F_{plane, \% \geq 50\%}$		420.77 lux
$F_{plane, \% \geq 60\%}$		388.71 lux
$F_{plane, \% \geq 70\%}$		349.82 lux
$F_{plane, \% \geq 95\%}$		22.29 lux

földszinti hálószoza



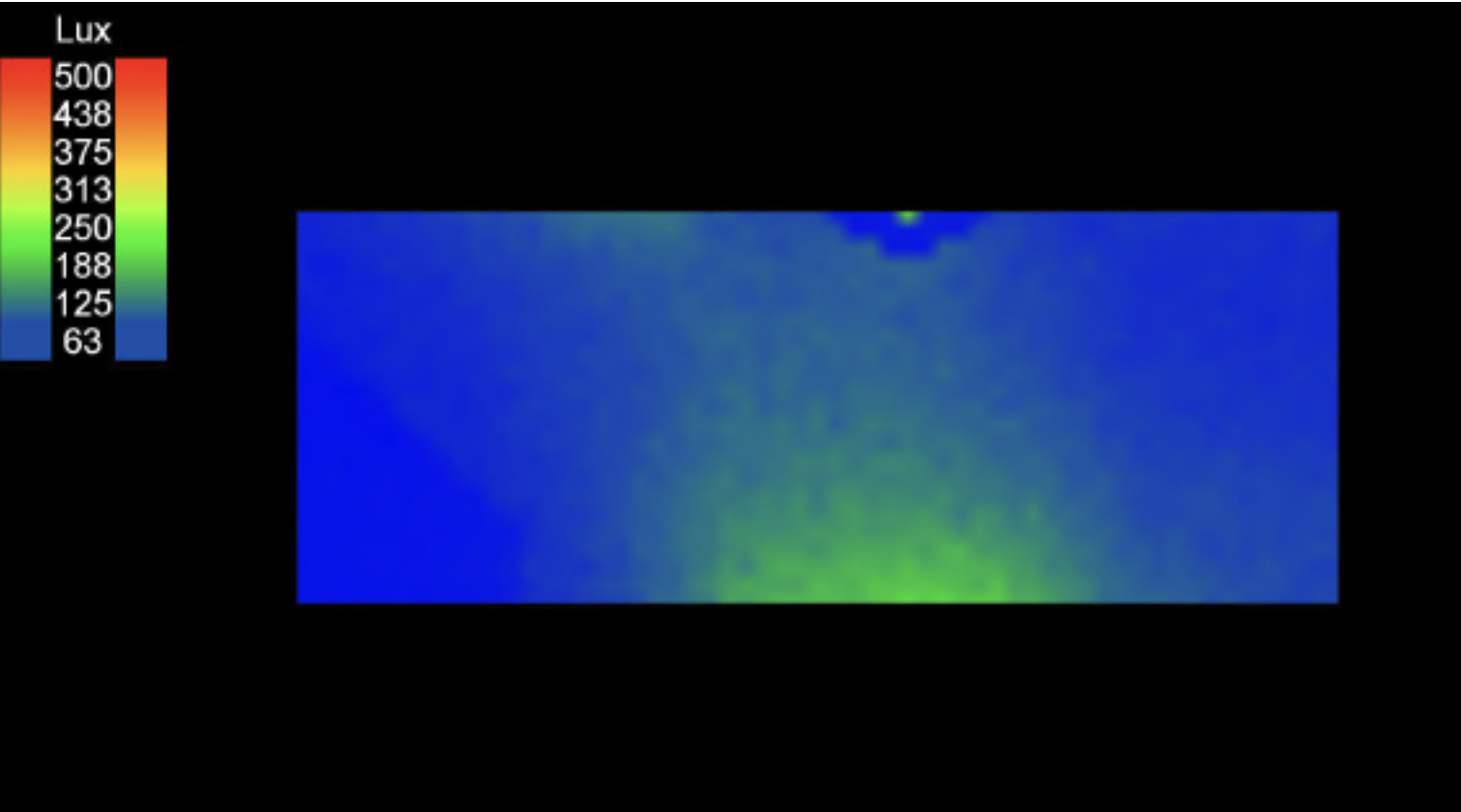
Average	$I_{average}$	1924.65 lux
Median	I_{median}	1029.33 lux
Minimum	I_{min}	2.05 lux
Maximum	I_{max}	19163.30 lux
Uniformity 1	$I_{min}/I_{average}$	0.0011
Uniformity 2	I_{min}/I_{max}	0.0001
$F_{plane, \% \geq 40\%}$		1098.92 lux
$F_{plane, \% \geq 50\%}$		1029.33 lux
$F_{plane, \% \geq 60\%}$		952.02 lux
$F_{plane, \% \geq 70\%}$		872.51 lux
$F_{plane, \% \geq 95\%}$		605.35 lux

előtér



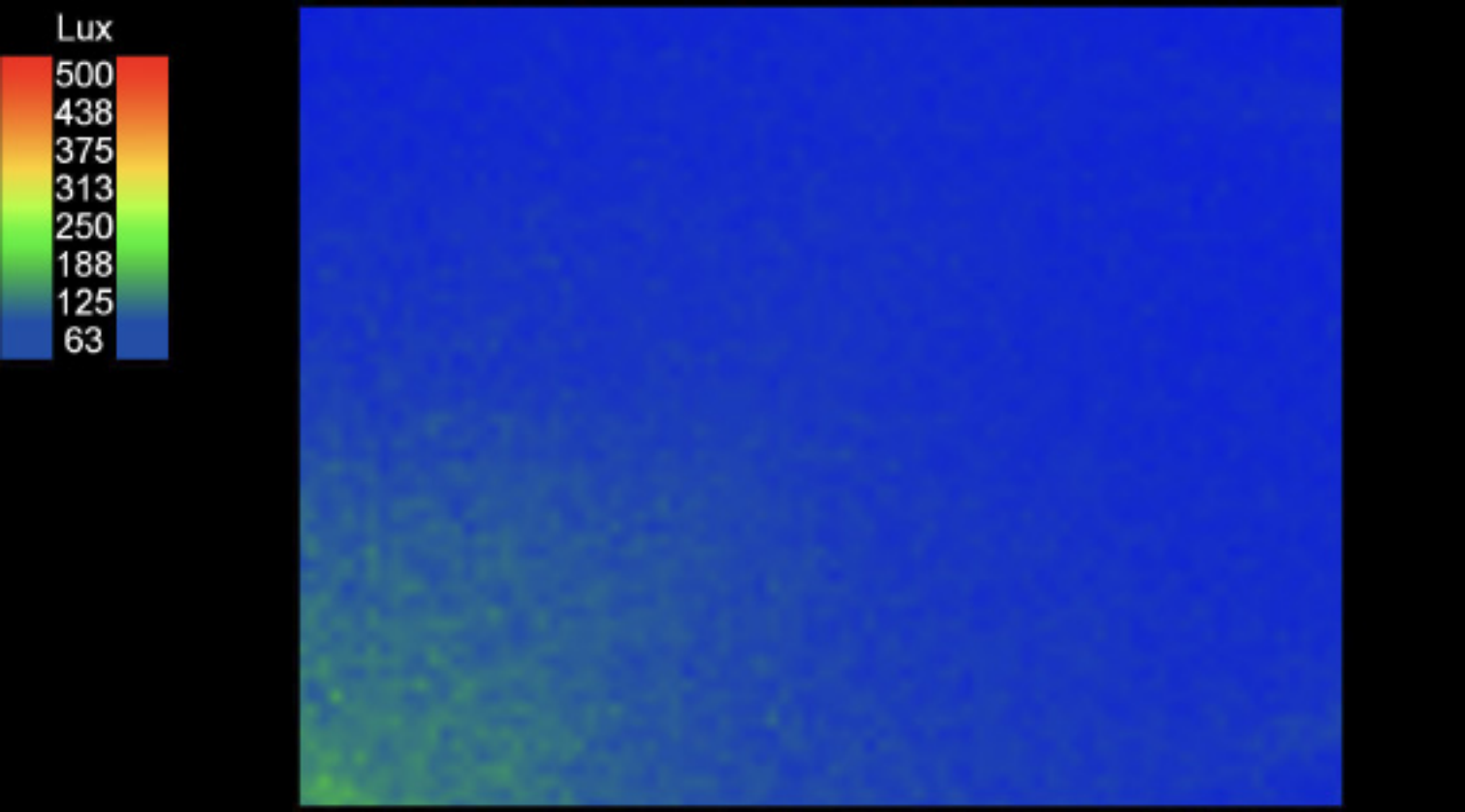
Average	I_{average}	970.82 lux
Median	I_{median}	506.37 lux
Minimum	I_{min}	0.04 lux
Maximum	I_{max}	19349.30 lux
Uniformity 1	$I_{\text{min}}/I_{\text{average}}$	0.0000
Uniformity 2	$I_{\text{min}}/I_{\text{max}}$	0.0000
$F_{\text{plane}, \% \geq 40\%}$		550.25 lux
$F_{\text{plane}, \% \geq 50\%}$		506.37 lux
$F_{\text{plane}, \% \geq 60\%}$		479.39 lux
$F_{\text{plane}, \% \geq 70\%}$		434.31 lux
$F_{\text{plane}, \% \geq 95\%}$		203.36 lux

emeleti fürdőszoba



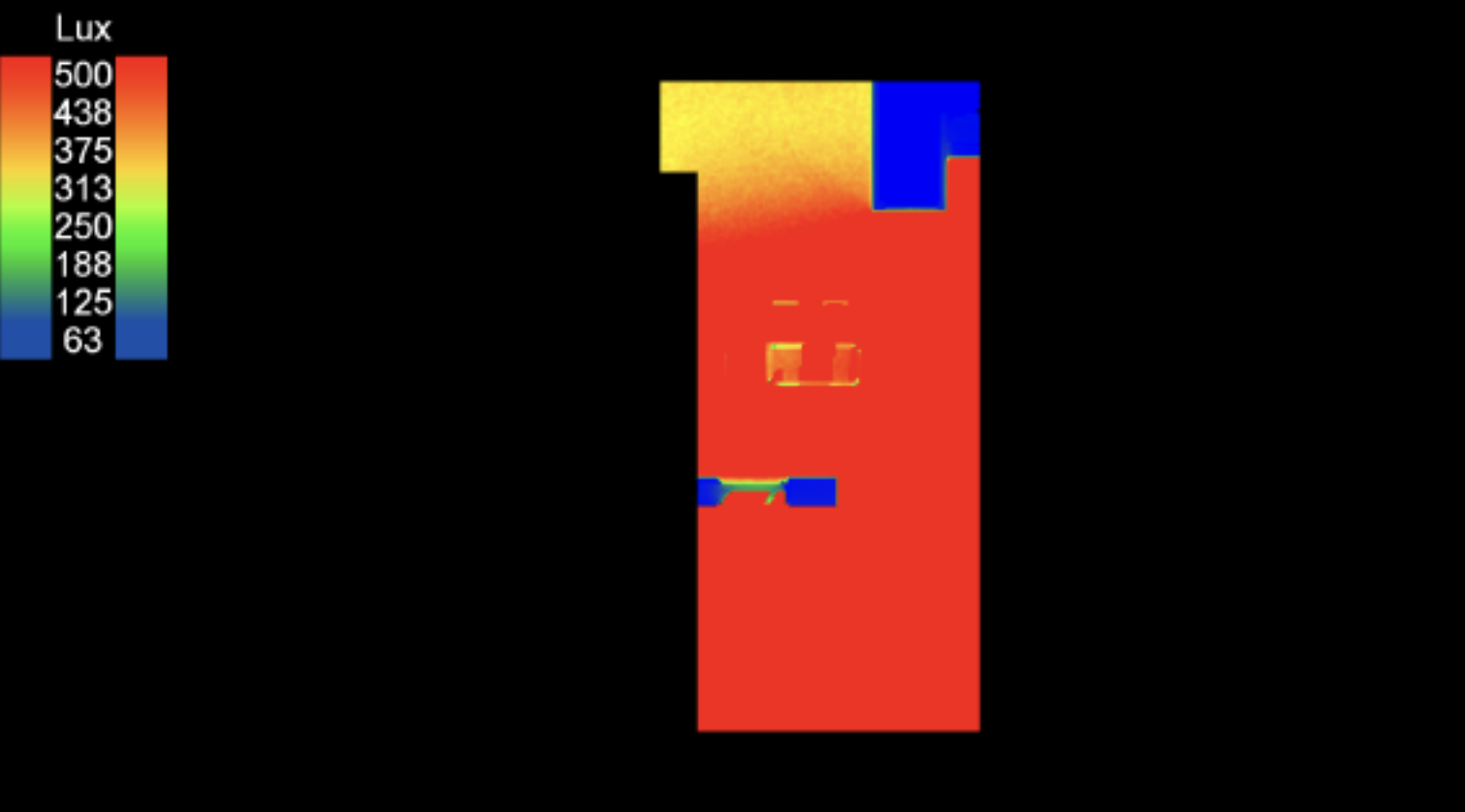
Average	$I_{average}$	69.68 lux
Median	I_{median}	64.85 lux
Minimum	I_{min}	5.29 lux
Maximum	I_{max}	222.63 lux
Uniformity 1	$I_{min}/I_{average}$	0.0760
Uniformity 2	I_{min}/I_{max}	0.0238
$F_{plane, \% \geq 40\%}$		76.08 lux
$F_{plane, \% \geq 50\%}$		64.85 lux
$F_{plane, \% \geq 60\%}$		53.62 lux
$F_{plane, \% \geq 70\%}$		45.11 lux
$F_{plane, \% \geq 95\%}$		11.89 lux

garázs



Average	$I_{average}$	57.72 lux
Median	I_{median}	49.60 lux
Minimum	I_{min}	23.15 lux
Maximum	I_{max}	158.57 lux
Uniformity 1	$I_{min}/I_{average}$	0.4010
Uniformity 2	I_{min}/I_{max}	0.1460
$F_{plane, \% \geq 40\%}$		55.78 lux
$F_{plane, \% \geq 50\%}$		49.60 lux
$F_{plane, \% \geq 60\%}$		45.04 lux
$F_{plane, \% \geq 70\%}$		41.64 lux
$F_{plane, \% \geq 95\%}$		32.73 lux

konyha-nappali-étkező



Average	$I_{average}$	3239.02 lux
Median	I_{median}	1564.15 lux
Minimum	I_{min}	0.00 lux
Maximum	I_{max}	23085.40 lux
Uniformity 1	$I_{min}/I_{average}$	0.0000
Uniformity 2	I_{min}/I_{max}	0.0000
$F_{plane, \% \geq 40\%}$		1735.31 lux
$F_{plane, \% \geq 50\%}$		1564.15 lux
$F_{plane, \% \geq 60\%}$		1326.15 lux
$F_{plane, \% \geq 70\%}$		917.10 lux
$F_{plane, \% \geq 95\%}$		3.58 lux

közlekedő



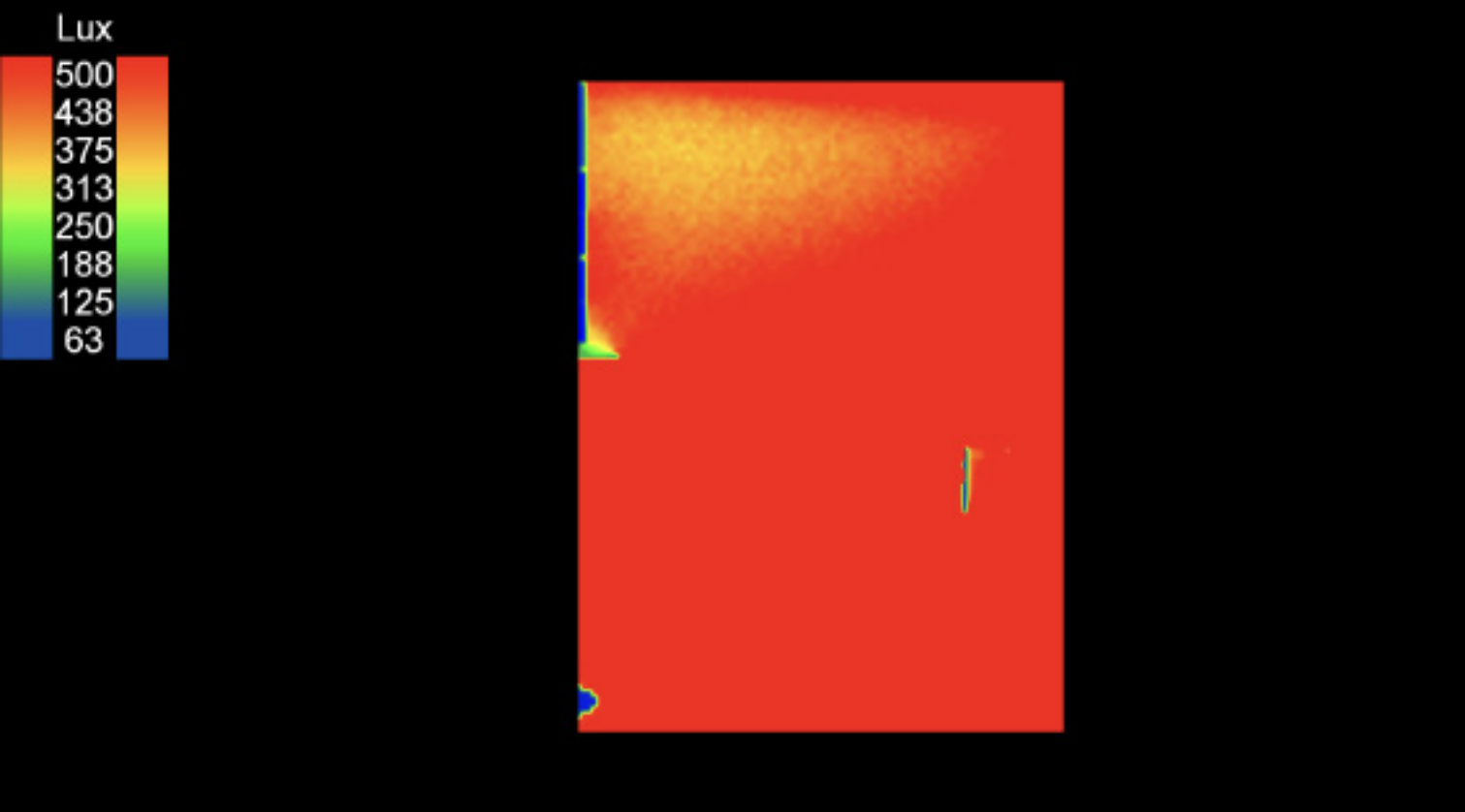
Average	I_{average}	880.90 lux
Median	I_{median}	874.60 lux
Minimum	I_{min}	732.82 lux
Maximum	I_{max}	1083.75 lux
Uniformity 1	$I_{\text{min}}/I_{\text{average}}$	0.8319
Uniformity 2	$I_{\text{min}}/I_{\text{max}}$	0.6762
$F_{\text{plane}, \% \geq 40\%}$		911.20 lux
$F_{\text{plane}, \% \geq 50\%}$		874.60 lux
$F_{\text{plane}, \% \geq 60\%}$		833.47 lux
$F_{\text{plane}, \% \geq 70\%}$		799.81 lux
$F_{\text{plane}, \% \geq 95\%}$		762.52 lux

nyugati szoba



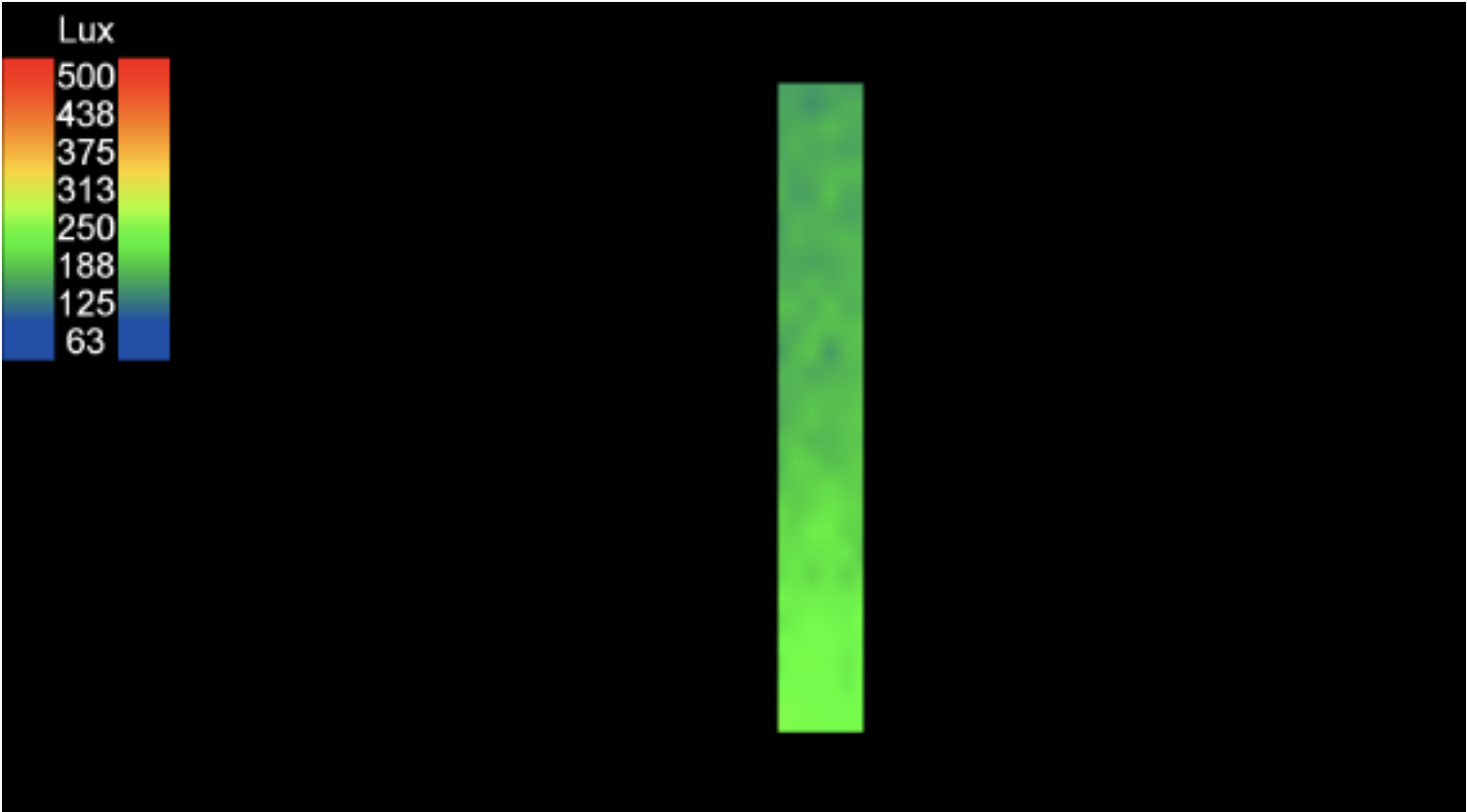
Average	$I_{average}$	5392.23 lux
Median	I_{median}	1461.20 lux
Minimum	I_{min}	0.00 lux
Maximum	I_{max}	47979.20 lux
Uniformity 1	$I_{min}/I_{average}$	0.0000
Uniformity 2	I_{min}/I_{max}	0.0000
$F_{plane, \% \geq 40\%}$		1600.85 lux
$F_{plane, \% \geq 50\%}$		1461.20 lux
$F_{plane, \% \geq 60\%}$		1317.54 lux
$F_{plane, \% \geq 70\%}$		1170.59 lux
$F_{plane, \% \geq 95\%}$		695.02 lux

keleti szoba



Average	$I_{average}$	4324.04 lux
Median	I_{median}	855.97 lux
Minimum	I_{min}	0.00 lux
Maximum	I_{max}	51187.00 lux
Uniformity 1	$I_{min}/I_{average}$	0.0000
Uniformity 2	I_{min}/I_{max}	0.0000
$F_{plane, \% \geq 40\%}$		942.76 lux
$F_{plane, \% \geq 50\%}$		855.97 lux
$F_{plane, \% \geq 60\%}$		758.35 lux
$F_{plane, \% \geq 70\%}$		642.70 lux
$F_{plane, \% \geq 95\%}$		427.92 lux

WC

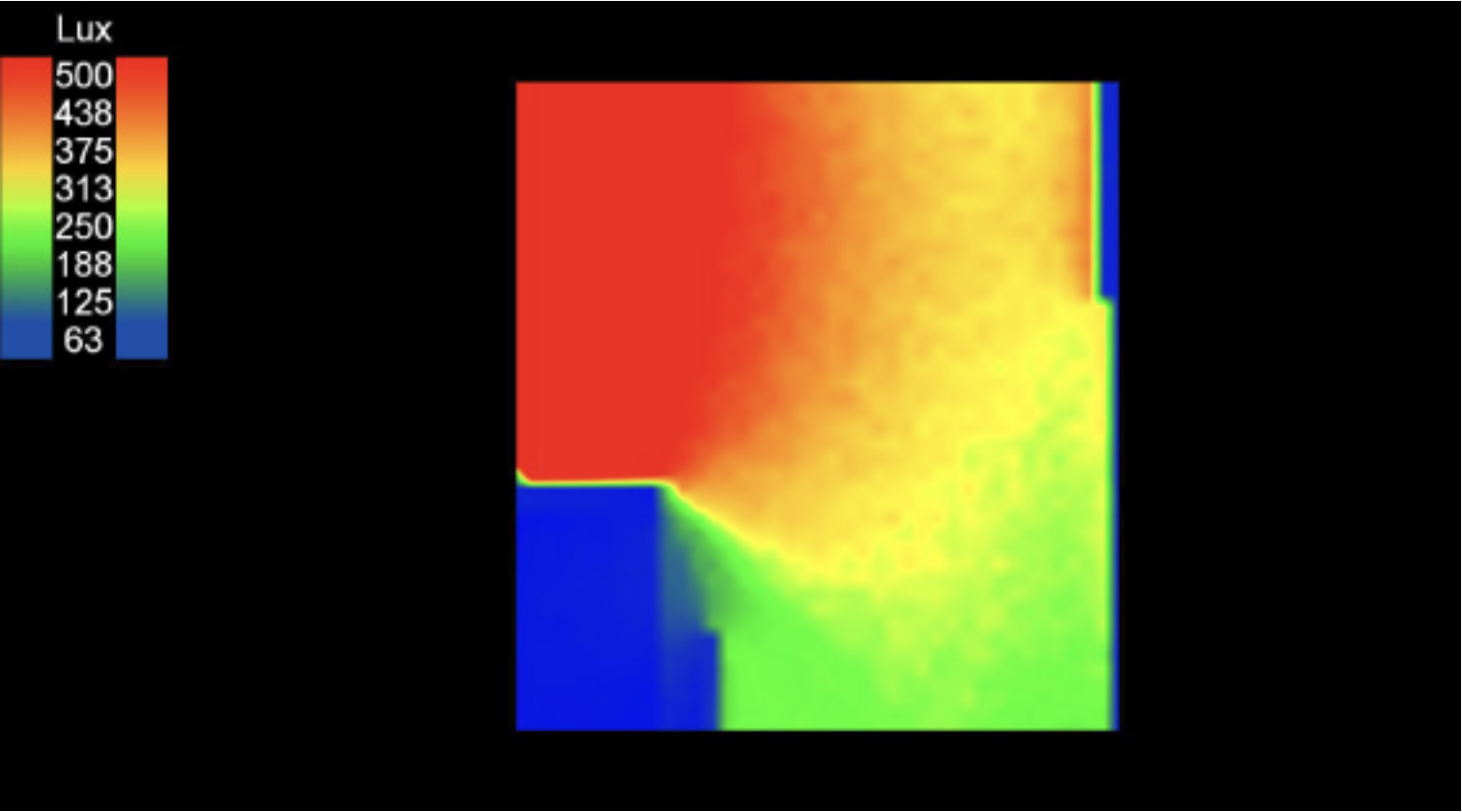


Average	I_{average}	194.22 lux
Median	I_{median}	166.65 lux
Minimum	I_{min}	126.69 lux
Maximum	I_{max}	315.86 lux
Uniformity 1	$I_{\text{min}}/I_{\text{average}}$	0.6523
Uniformity 2	$I_{\text{min}}/I_{\text{max}}$	0.4011
$F_{\text{plane}, \% \geq 40\%}$		196.47 lux
$F_{\text{plane}, \% \geq 50\%}$		166.65 lux
$F_{\text{plane}, \% \geq 60\%}$		157.63 lux
$F_{\text{plane}, \% \geq 70\%}$		151.80 lux
$F_{\text{plane}, \% \geq 95\%}$		138.04 lux

Benapozás vizsgálat eredménye:

Június hónap adatai

földszinti fürdő



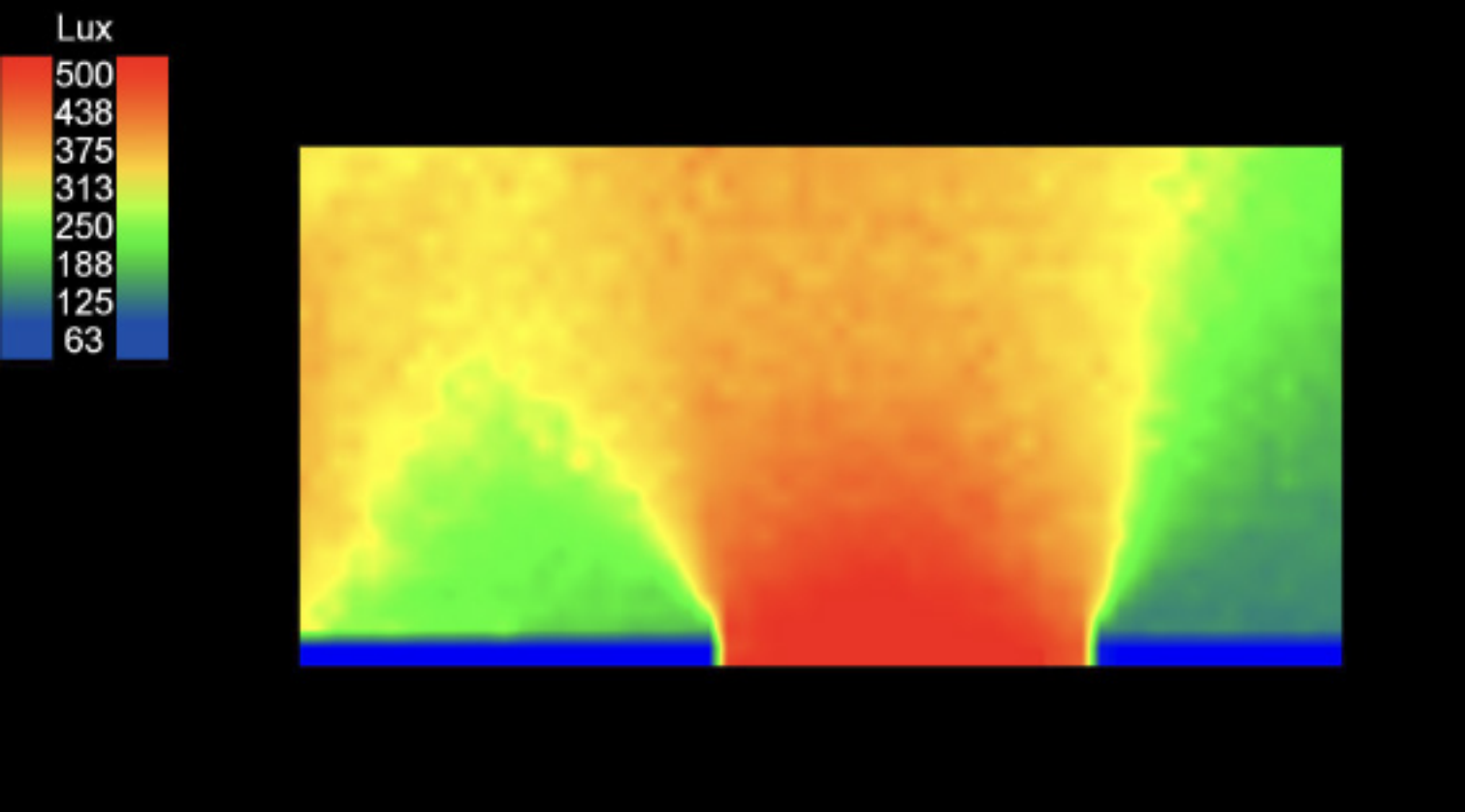
Average	$I_{average}$	435.21 lux
Median	I_{median}	420.38 lux
Minimum	I_{min}	0.00 lux
Maximum	I_{max}	1166.36 lux
Uniformity 1	$I_{min}/I_{average}$	0.0000
Uniformity 2	I_{min}/I_{max}	0.0000
$F_{plane, \% \geq 40\%}$		463.58 lux
$F_{plane, \% \geq 50\%}$		420.38 lux
$F_{plane, \% \geq 60\%}$		369.36 lux
$F_{plane, \% \geq 70\%}$		311.52 lux
$F_{plane, \% \geq 95\%}$		19.08 lux

földszinti hálószoza



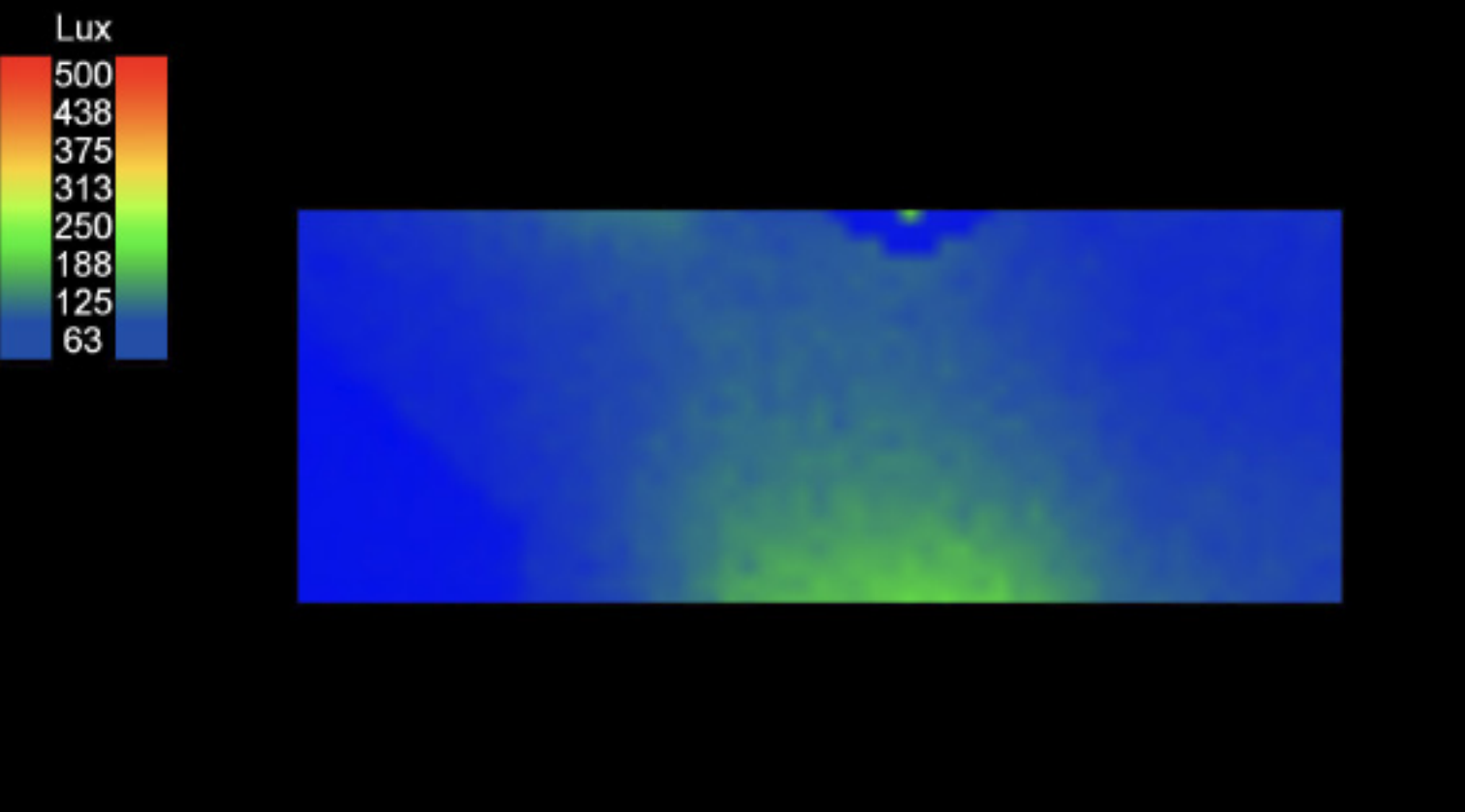
Average	$I_{average}$	1043.78 lux
Median	I_{median}	1023.85 lux
Minimum	I_{min}	1.98 lux
Maximum	I_{max}	2183.26 lux
Uniformity 1	$I_{min}/I_{average}$	0.0019
Uniformity 2	I_{min}/I_{max}	0.0009
$F_{plane, \% \geq 40\%}$		1101.35 lux
$F_{plane, \% \geq 50\%}$		1023.85 lux
$F_{plane, \% \geq 60\%}$		943.96 lux
$F_{plane, \% \geq 70\%}$		858.36 lux
$F_{plane, \% \geq 95\%}$		580.70 lux

előtér



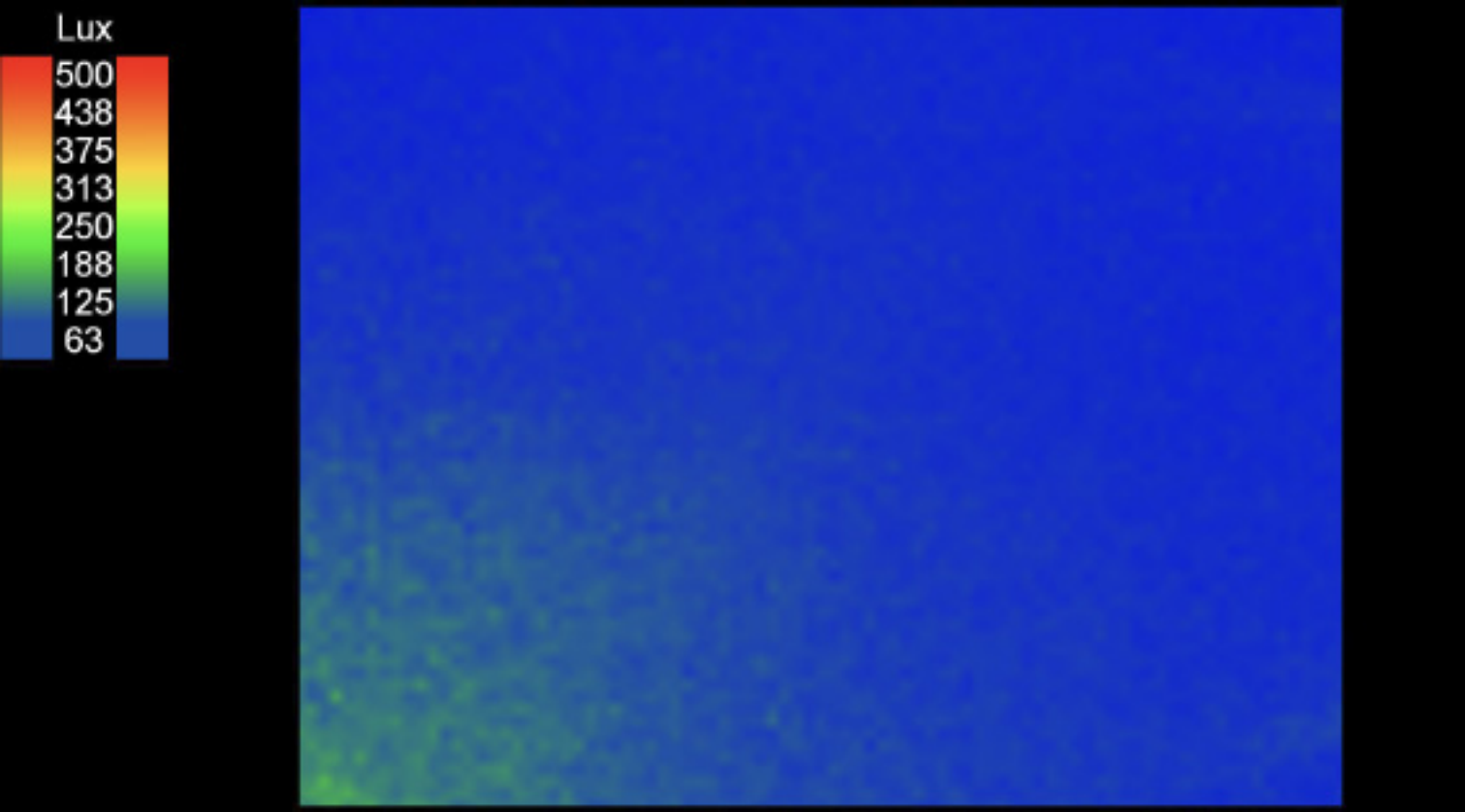
Average	I_{average}	702.99 lux
Median	I_{median}	659.90 lux
Minimum	I_{min}	0.03 lux
Maximum	I_{max}	1798.72 lux
Uniformity 1	$I_{\text{min}}/I_{\text{average}}$	0.0000
Uniformity 2	$I_{\text{min}}/I_{\text{max}}$	0.0000
$F_{\text{plane}, \% \geq 40\%}$		783.70 lux
$F_{\text{plane}, \% \geq 50\%}$		659.90 lux
$F_{\text{plane}, \% \geq 60\%}$		586.61 lux
$F_{\text{plane}, \% \geq 70\%}$		533.69 lux
$F_{\text{plane}, \% \geq 95\%}$		266.34 lux

emeleti fürdőszoba



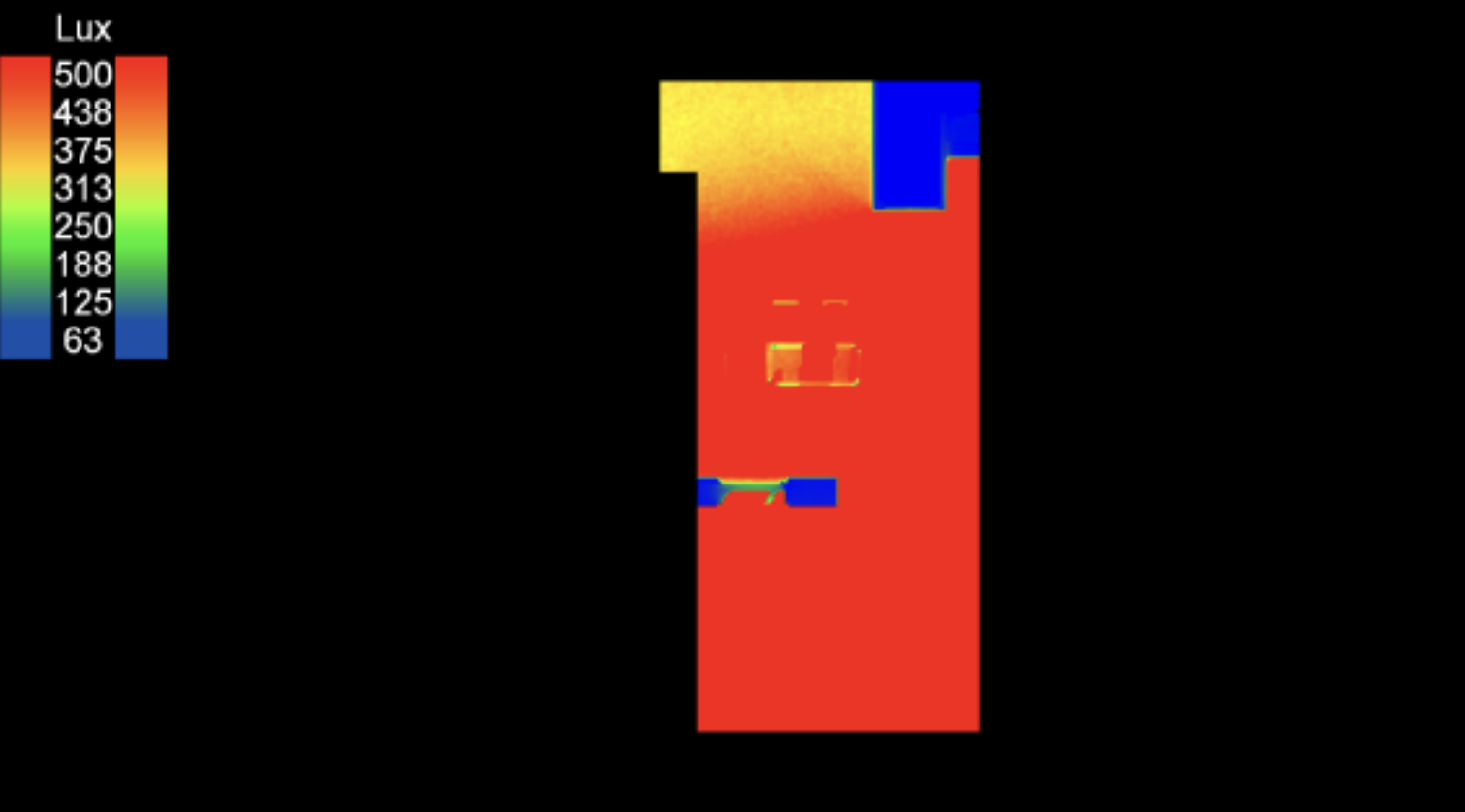
Average	$I_{average}$	68.89 lux
Median	I_{median}	59.34 lux
Minimum	I_{min}	6.55 lux
Maximum	I_{max}	217.02 lux
Uniformity 1	$I_{min}/I_{average}$	0.0951
Uniformity 2	I_{min}/I_{max}	0.0302
$F_{plane, \% \geq 40\%}$		72.94 lux
$F_{plane, \% \geq 50\%}$		59.34 lux
$F_{plane, \% \geq 60\%}$		49.31 lux
$F_{plane, \% \geq 70\%}$		39.68 lux
$F_{plane, \% \geq 95\%}$		10.61 lux

garázs



Average	I_{average}	38.90 lux
Median	I_{median}	35.34 lux
Minimum	I_{min}	15.14 lux
Maximum	I_{max}	147.99 lux
Uniformity 1	$I_{\text{min}}/I_{\text{average}}$	0.3893
Uniformity 2	$I_{\text{min}}/I_{\text{max}}$	0.1023
$F_{\text{plane}, \% \geq 40\%}$		37.71 lux
$F_{\text{plane}, \% \geq 50\%}$		35.34 lux
$F_{\text{plane}, \% \geq 60\%}$		33.30 lux
$F_{\text{plane}, \% \geq 70\%}$		31.26 lux
$F_{\text{plane}, \% \geq 95\%}$		24.27 lux

konyha-nappali-étkező



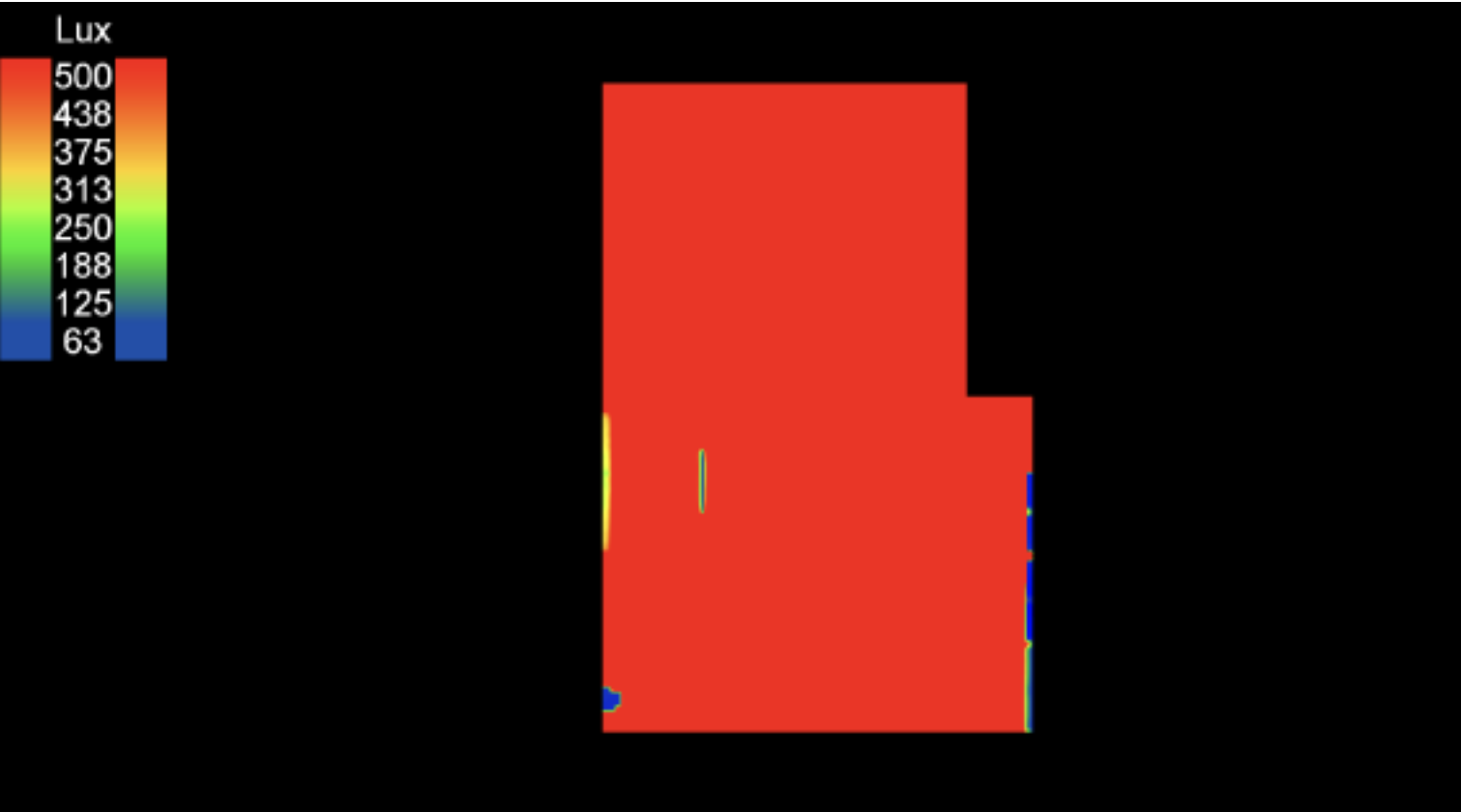
Average	$I_{average}$	3181.00 lux
Median	I_{median}	1531.38 lux
Minimum	I_{min}	0.00 lux
Maximum	I_{max}	27500.10 lux
Uniformity 1	$I_{min}/I_{average}$	0.0000
Uniformity 2	I_{min}/I_{max}	0.0000
$F_{plane, \% \geq 40\%}$		1865.40 lux
$F_{plane, \% \geq 50\%}$		1531.38 lux
$F_{plane, \% \geq 60\%}$		1274.77 lux
$F_{plane, \% \geq 70\%}$		929.85 lux
$F_{plane, \% \geq 95\%}$		1.92 lux

közlekedő



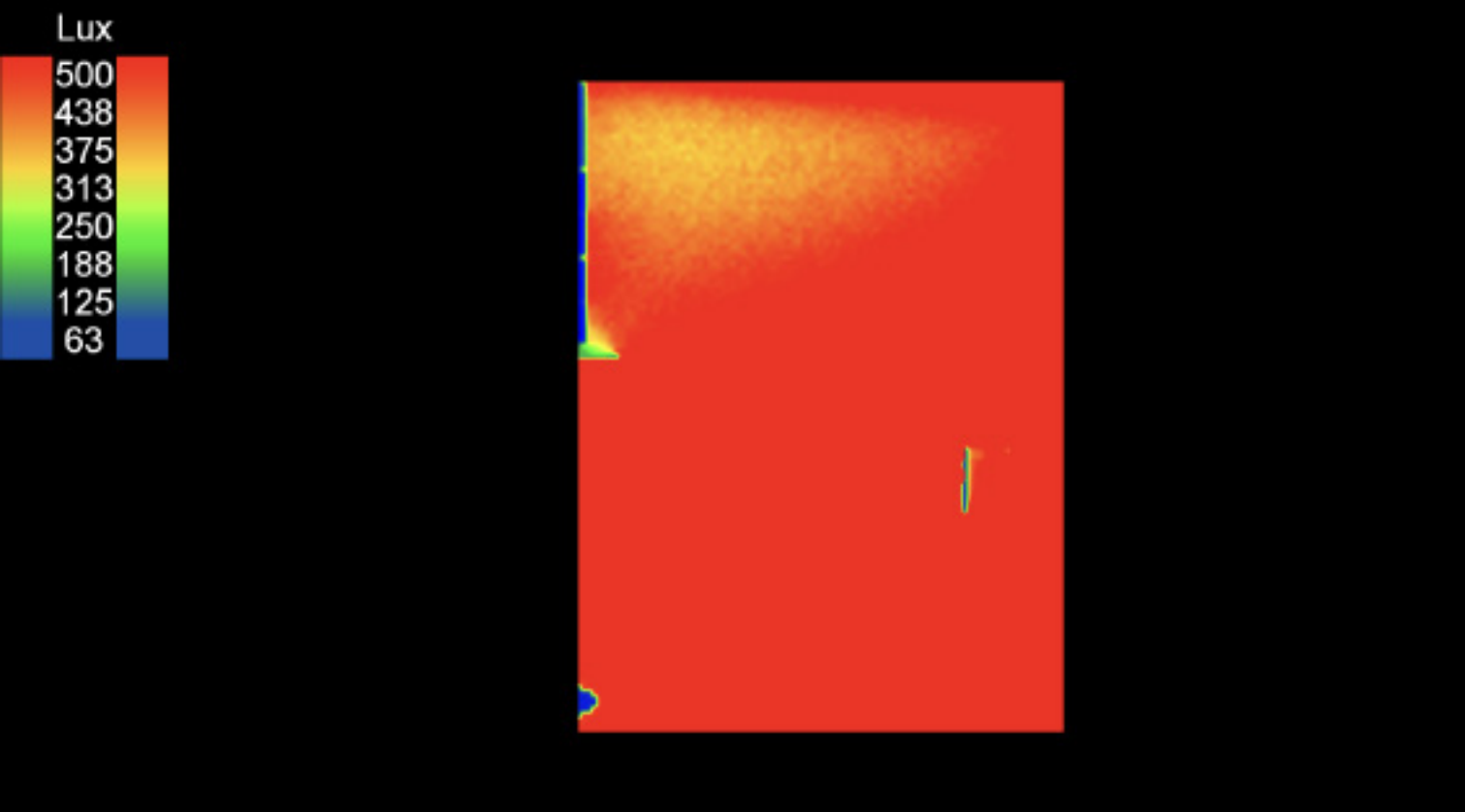
Average	$I_{average}$	821.91 lux
Median	I_{median}	805.80 lux
Minimum	I_{min}	656.14 lux
Maximum	I_{max}	1042.13 lux
Uniformity 1	$I_{min}/I_{average}$	0.7983
Uniformity 2	I_{min}/I_{max}	0.6296
$F_{plane, \% \geq 40\%}$		834.99 lux
$F_{plane, \% \geq 50\%}$		805.80 lux
$F_{plane, \% \geq 60\%}$		778.23 lux
$F_{plane, \% \geq 70\%}$		755.14 lux
$F_{plane, \% \geq 95\%}$		695.26 lux

nyugati szoba



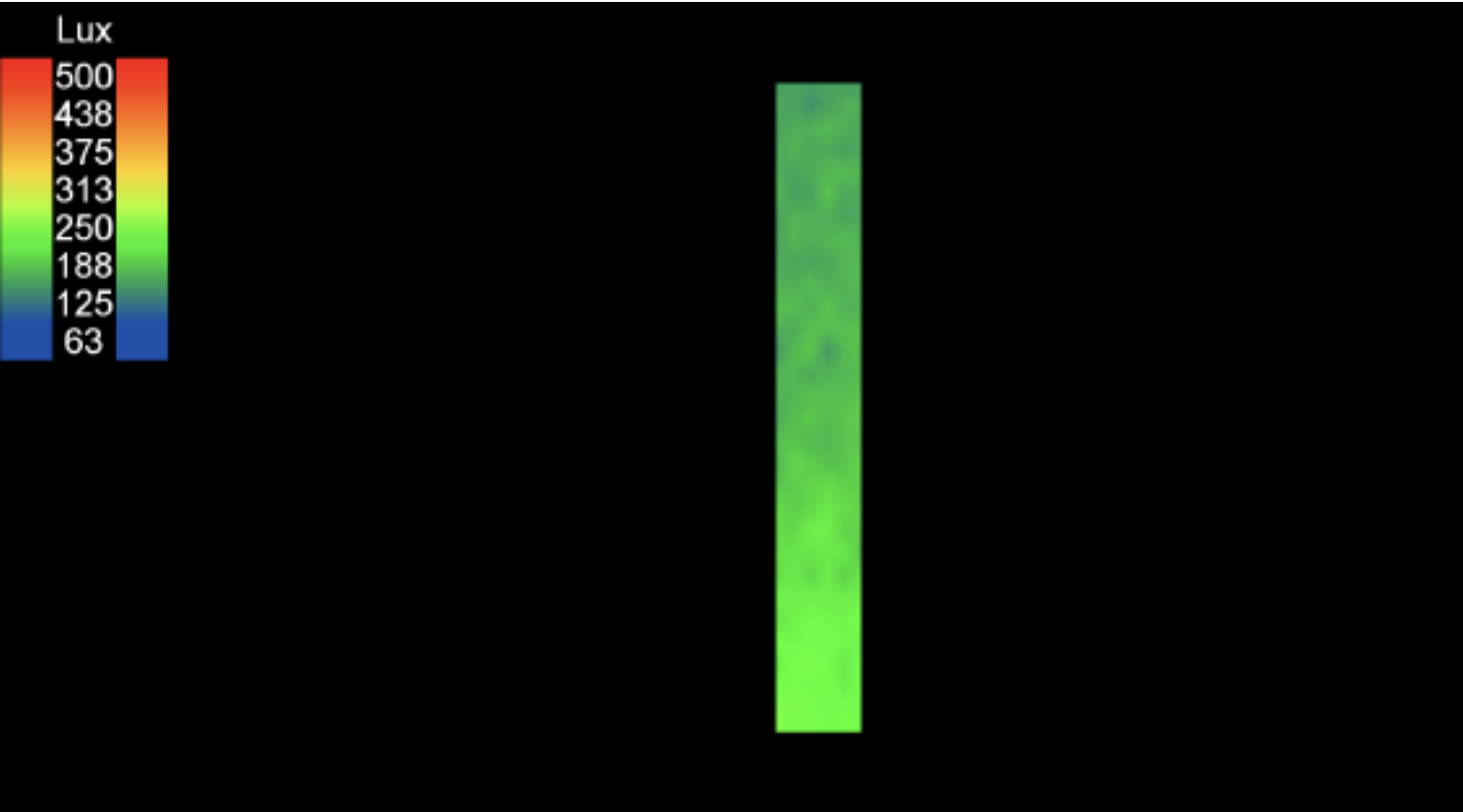
Average	$I_{average}$	5078.76 lux
Median	I_{median}	1410.00 lux
Minimum	I_{min}	0.00 lux
Maximum	I_{max}	68592.10 lux
Uniformity 1	$I_{min}/I_{average}$	0.0000
Uniformity 2	I_{min}/I_{max}	0.0000
$F_{plane, \% \geq 40\%}$		1592.44 lux
$F_{plane, \% \geq 50\%}$		1410.00 lux
$F_{plane, \% \geq 60\%}$		1269.46 lux
$F_{plane, \% \geq 70\%}$		1121.97 lux
$F_{plane, \% \geq 95\%}$		715.39 lux

keleti szoba



Average	I_{average}	4056.48 lux
Median	I_{median}	988.35 lux
Minimum	I_{min}	0.00 lux
Maximum	I_{max}	69987.70 lux
Uniformity 1	$I_{\text{min}}/I_{\text{average}}$	0.0000
Uniformity 2	$I_{\text{min}}/I_{\text{max}}$	0.0000
$F_{\text{plane}, \% \geq 40\%}$		1100.36 lux
$F_{\text{plane}, \% \geq 50\%}$		988.35 lux
$F_{\text{plane}, \% \geq 60\%}$		884.56 lux
$F_{\text{plane}, \% \geq 70\%}$		744.82 lux
$F_{\text{plane}, \% \geq 95\%}$		488.22 lux

WC

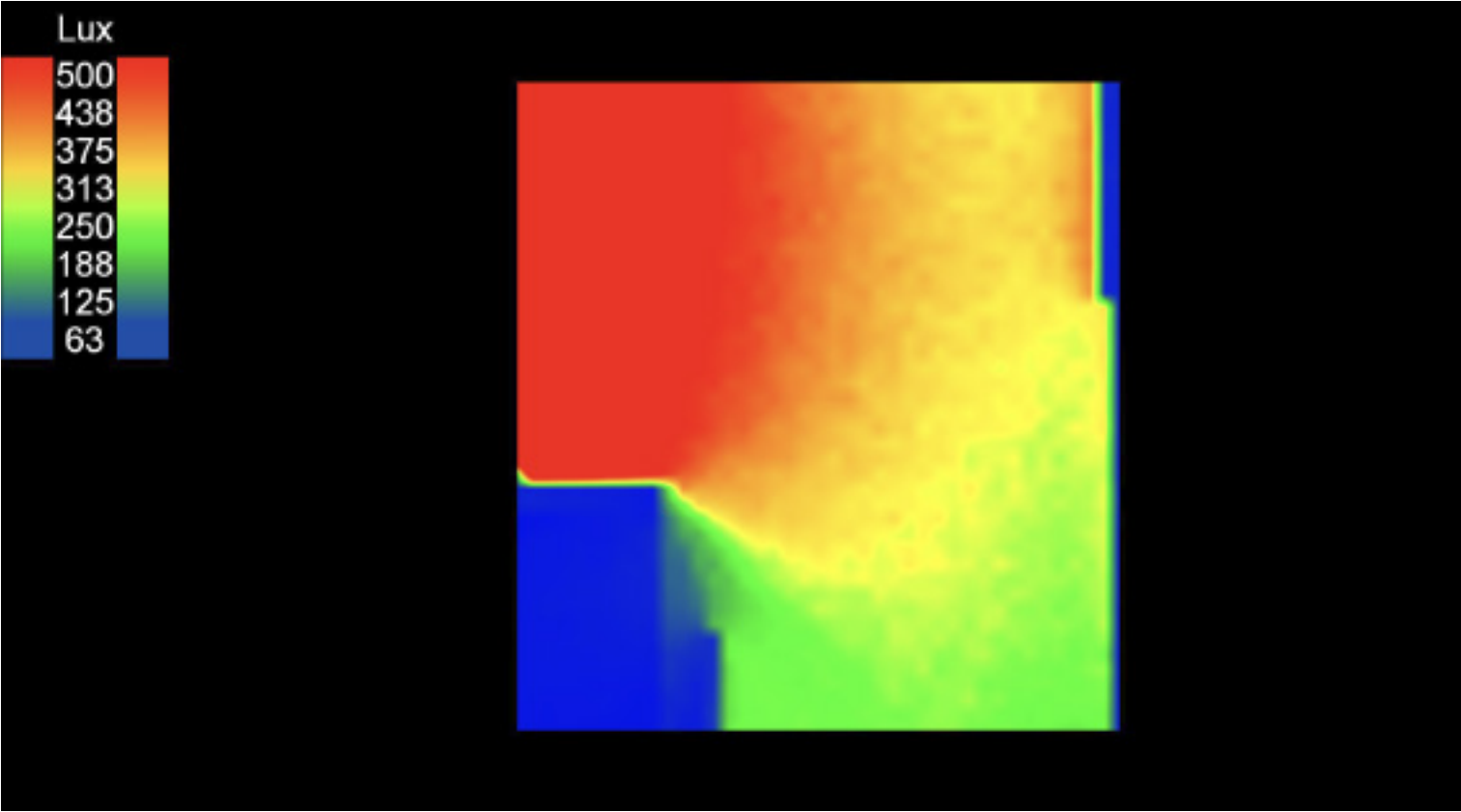


Average	$I_{average}$	112.55 lux
Median	I_{median}	105.95 lux
Minimum	I_{min}	79.99 lux
Maximum	I_{max}	166.93 lux
Uniformity 1	$I_{min}/I_{average}$	0.7108
Uniformity 2	I_{min}/I_{max}	0.4792
$F_{plane, \% \geq 40\%}$		113.62 lux
$F_{plane, \% \geq 50\%}$		105.95 lux
$F_{plane, \% \geq 60\%}$		101.26 lux
$F_{plane, \% \geq 70\%}$		98.08 lux
$F_{plane, \% \geq 95\%}$		87.62 lux

Benapozás vizsgálat eredménye:

Decemberi hónap adatai

földszinti fürdő



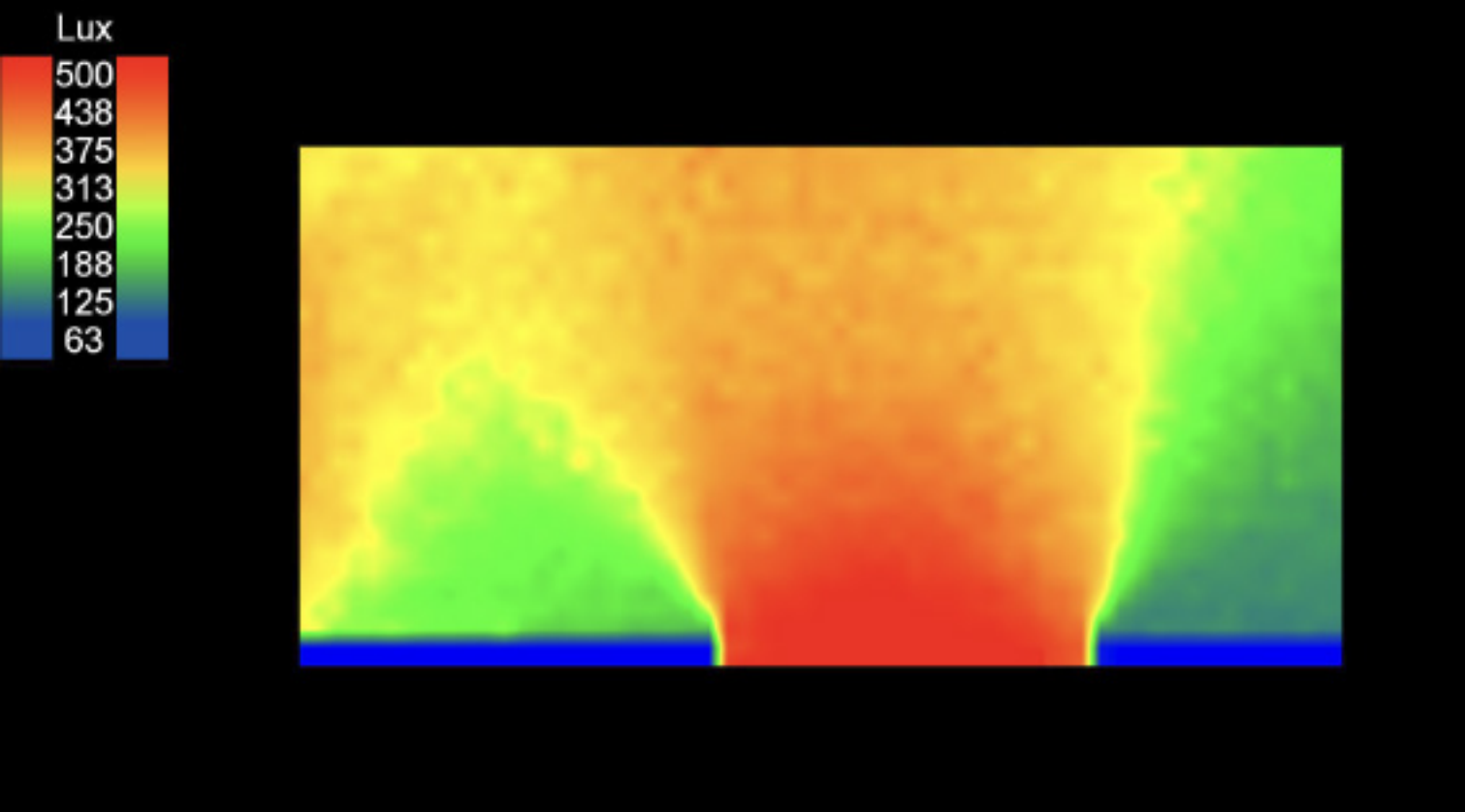
Average	$I_{average}$	334.68 lux
Median	I_{median}	301.45 lux
Minimum	I_{min}	0.19 lux
Maximum	I_{max}	941.80 lux
Uniformity 1	$I_{min}/I_{average}$	0.0006
Uniformity 2	I_{min}/I_{max}	0.0002
$F_{plane, \% \geq 40\%}$		330.05 lux
$F_{plane, \% \geq 50\%}$		301.45 lux
$F_{plane, \% \geq 60\%}$		273.70 lux
$F_{plane, \% \geq 70\%}$		245.66 lux
$F_{plane, \% \geq 95\%}$		15.37 lux

földszinti hálószoza



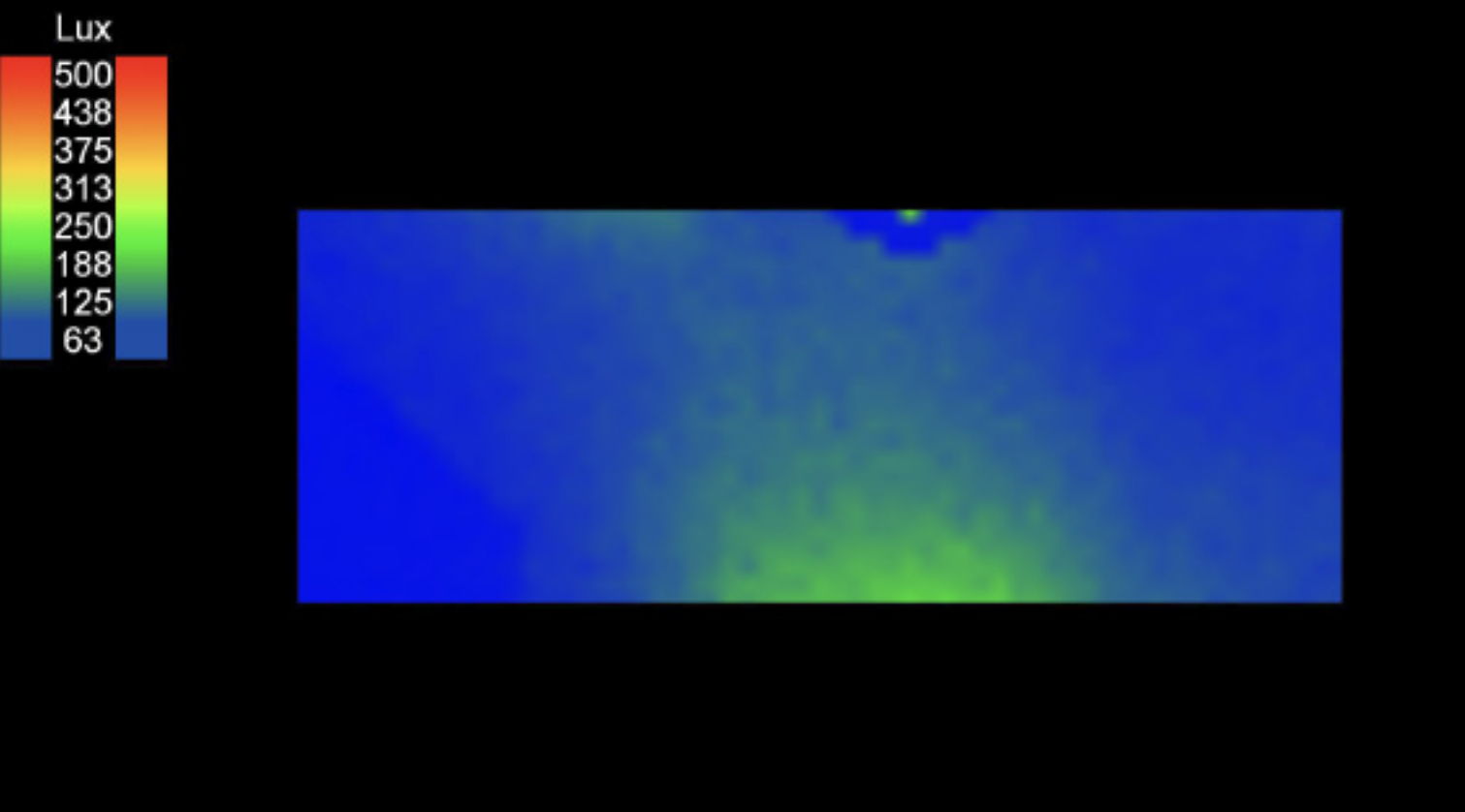
Average	$I_{average}$	1595.07 lux
Median	I_{median}	837.02 lux
Minimum	I_{min}	2.10 lux
Maximum	I_{max}	6802.49 lux
Uniformity 1	$I_{min}/I_{average}$	0.0013
Uniformity 2	I_{min}/I_{max}	0.0003
$F_{plane, \% \geq 40\%}$		909.33 lux
$F_{plane, \% \geq 50\%}$		837.02 lux
$F_{plane, \% \geq 60\%}$		753.40 lux
$F_{plane, \% \geq 70\%}$		657.84 lux
$F_{plane, \% \geq 95\%}$		417.06 lux

előtér



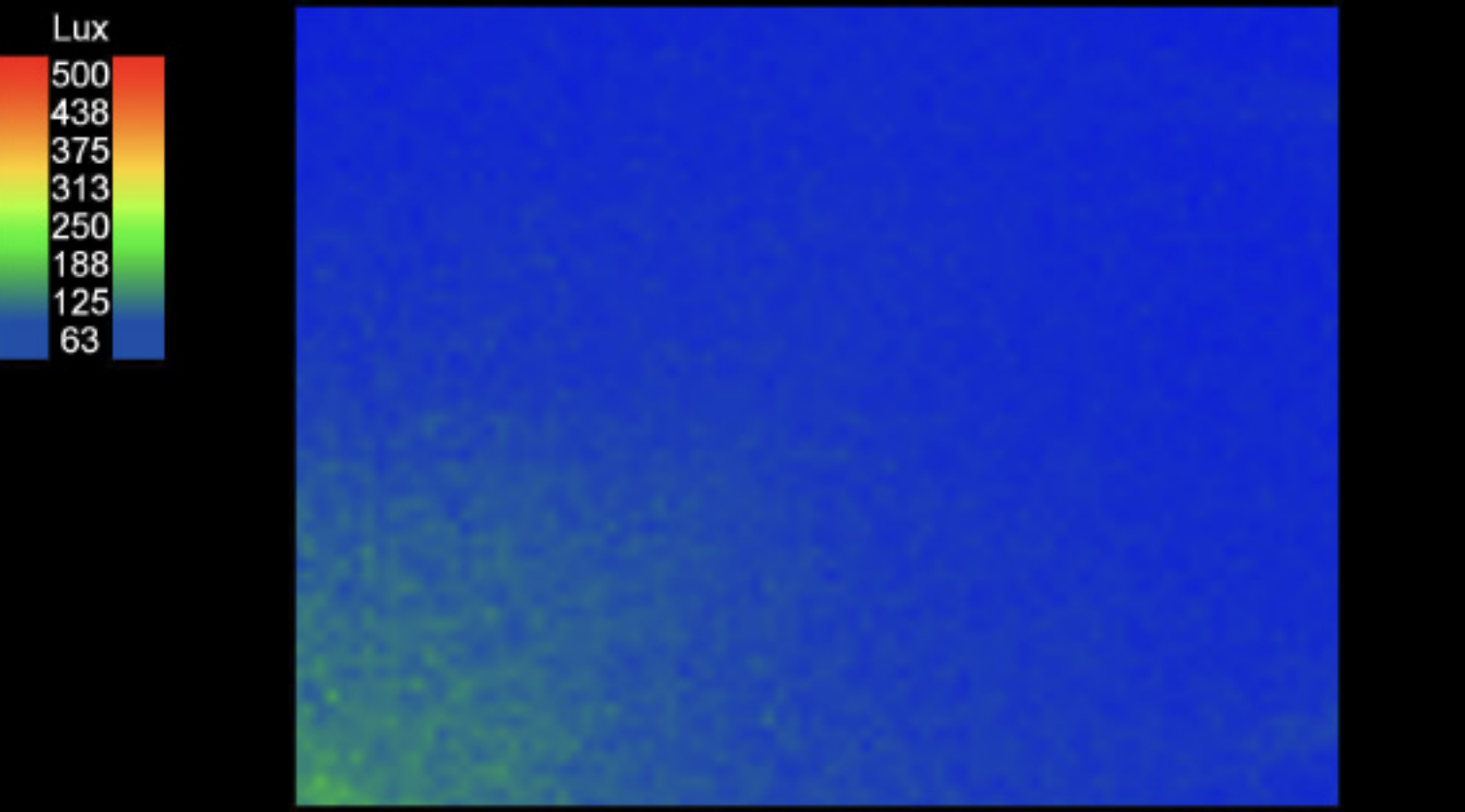
Average	I_{average}	289.74 lux
Median	I_{median}	305.02 lux
Minimum	I_{min}	0.01 lux
Maximum	I_{max}	1455.87 lux
Uniformity 1	$I_{\text{min}}/I_{\text{average}}$	0.0000
Uniformity 2	$I_{\text{min}}/I_{\text{max}}$	0.0000
$F_{\text{plane}, \% \geq 40\%}$		322.69 lux
$F_{\text{plane}, \% \geq 50\%}$		305.02 lux
$F_{\text{plane}, \% \geq 60\%}$		285.50 lux
$F_{\text{plane}, \% \geq 70\%}$		250.03 lux
$F_{\text{plane}, \% \geq 95\%}$		107.13 lux

emeleti fürdőszoba



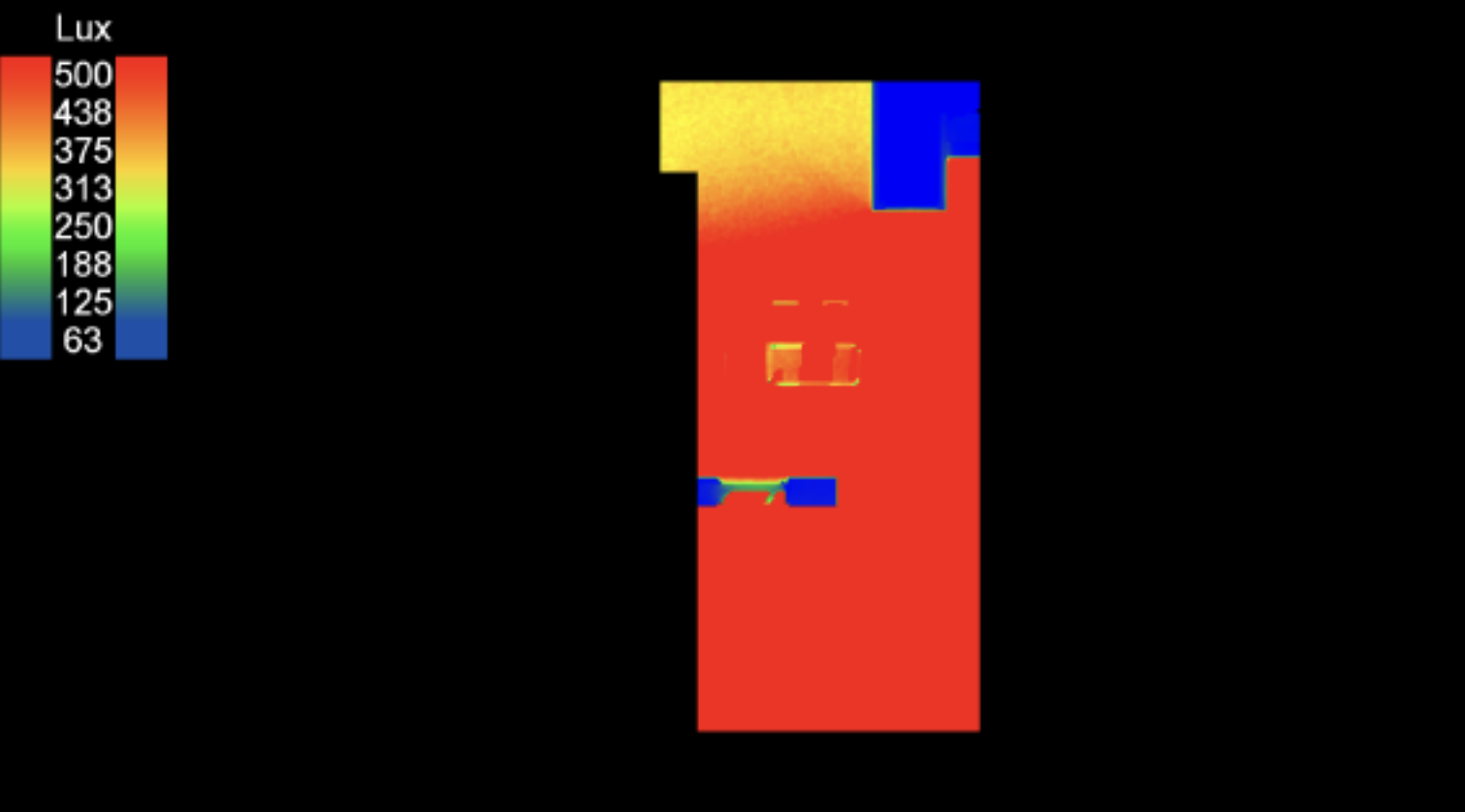
Average	$I_{average}$	58.26 lux
Median	I_{median}	54.22 lux
Minimum	I_{min}	6.43 lux
Maximum	I_{max}	201.71 lux
Uniformity 1	$I_{min}/I_{average}$	0.1103
Uniformity 2	I_{min}/I_{max}	0.0319
$F_{plane, \% \geq 40\%}$		63.07 lux
$F_{plane, \% \geq 50\%}$		54.22 lux
$F_{plane, \% \geq 60\%}$		45.53 lux
$F_{plane, \% \geq 70\%}$		37.47 lux
$F_{plane, \% \geq 95\%}$		10.16 lux

garázs



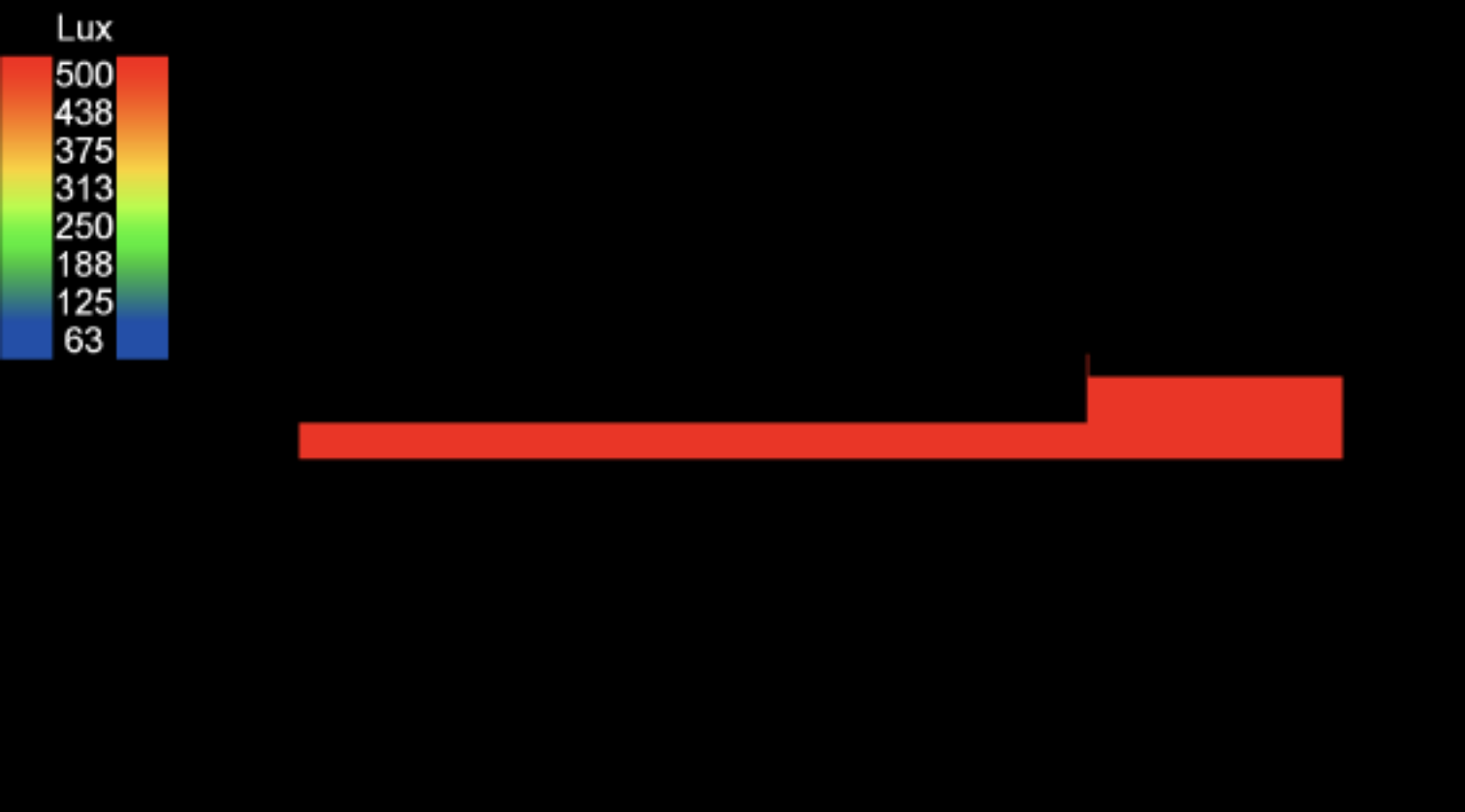
Average	$I_{average}$	44.34 lux
Median	I_{median}	37.90 lux
Minimum	I_{min}	16.70 lux
Maximum	I_{max}	149.74 lux
Uniformity 1	$I_{min}/I_{average}$	0.3766
Uniformity 2	I_{min}/I_{max}	0.1115
$F_{plane, \% \geq 40\%}$		41.70 lux
$F_{plane, \% \geq 50\%}$		37.90 lux
$F_{plane, \% \geq 60\%}$		34.92 lux
$F_{plane, \% \geq 70\%}$		32.44 lux
$F_{plane, \% \geq 95\%}$		25.67 lux

konyha-nappali-étkező



Average	$I_{average}$	2534.55 lux
Median	I_{median}	973.01 lux
Minimum	I_{min}	0.00 lux
Maximum	I_{max}	8382.93 lux
Uniformity 1	$I_{min}/I_{average}$	0.0000
Uniformity 2	I_{min}/I_{max}	0.0000
$F_{plane, \% \geq 40\%}$		1320.56 lux
$F_{plane, \% \geq 50\%}$		973.01 lux
$F_{plane, \% \geq 60\%}$		784.47 lux
$F_{plane, \% \geq 70\%}$		598.34 lux
$F_{plane, \% \geq 95\%}$		1.13 lux

közlekedő



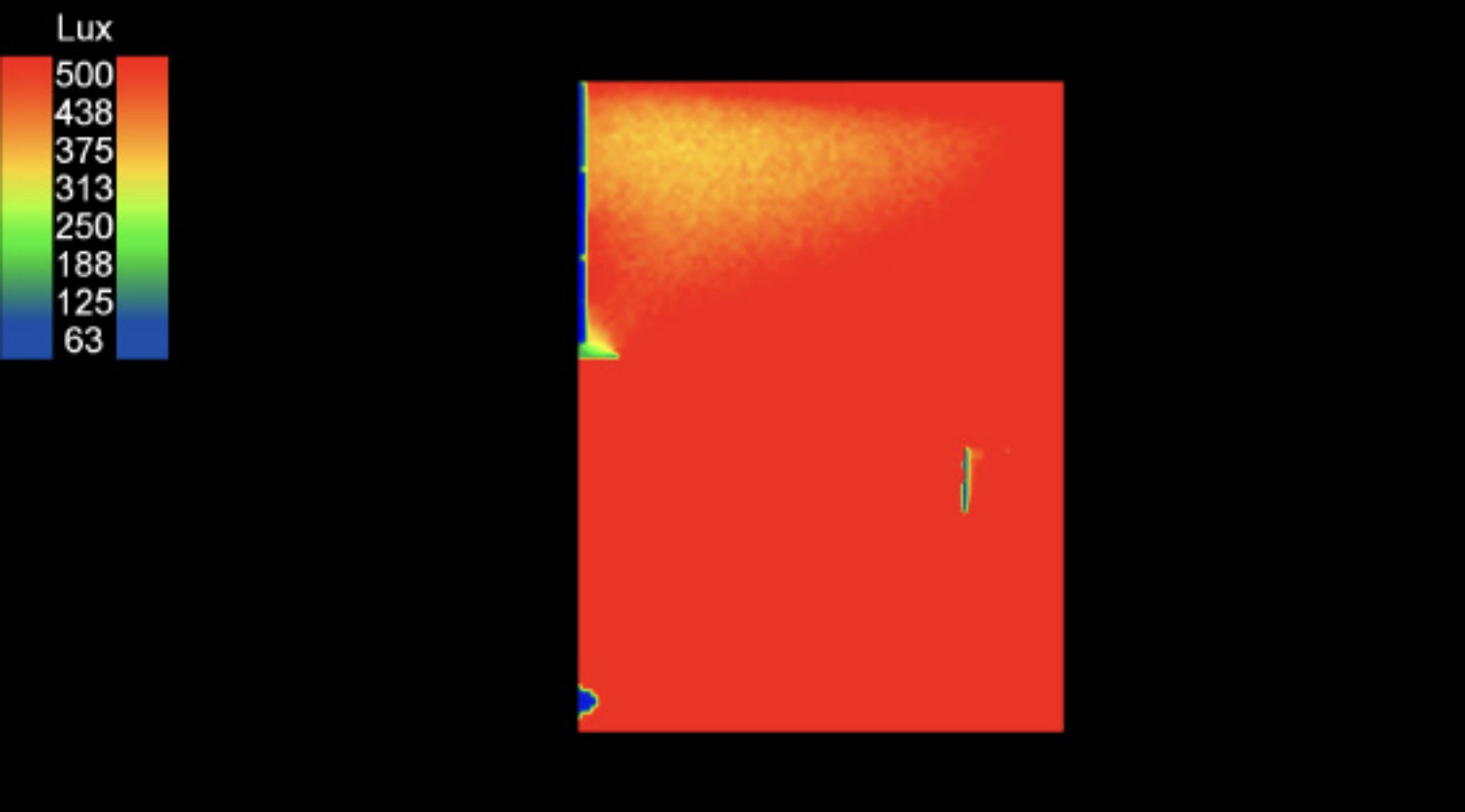
Average	$I_{average}$	1684.16 lux
Median	I_{median}	867.52 lux
Minimum	I_{min}	694.88 lux
Maximum	I_{max}	6510.37 lux
Uniformity 1	$I_{min}/I_{average}$	0.4126
Uniformity 2	I_{min}/I_{max}	0.1067
$F_{plane, \% \geq 40\%}$		898.50 lux
$F_{plane, \% \geq 50\%}$		867.52 lux
$F_{plane, \% \geq 60\%}$		848.20 lux
$F_{plane, \% \geq 70\%}$		830.44 lux
$F_{plane, \% \geq 95\%}$		734.44 lux

nyugati szoba



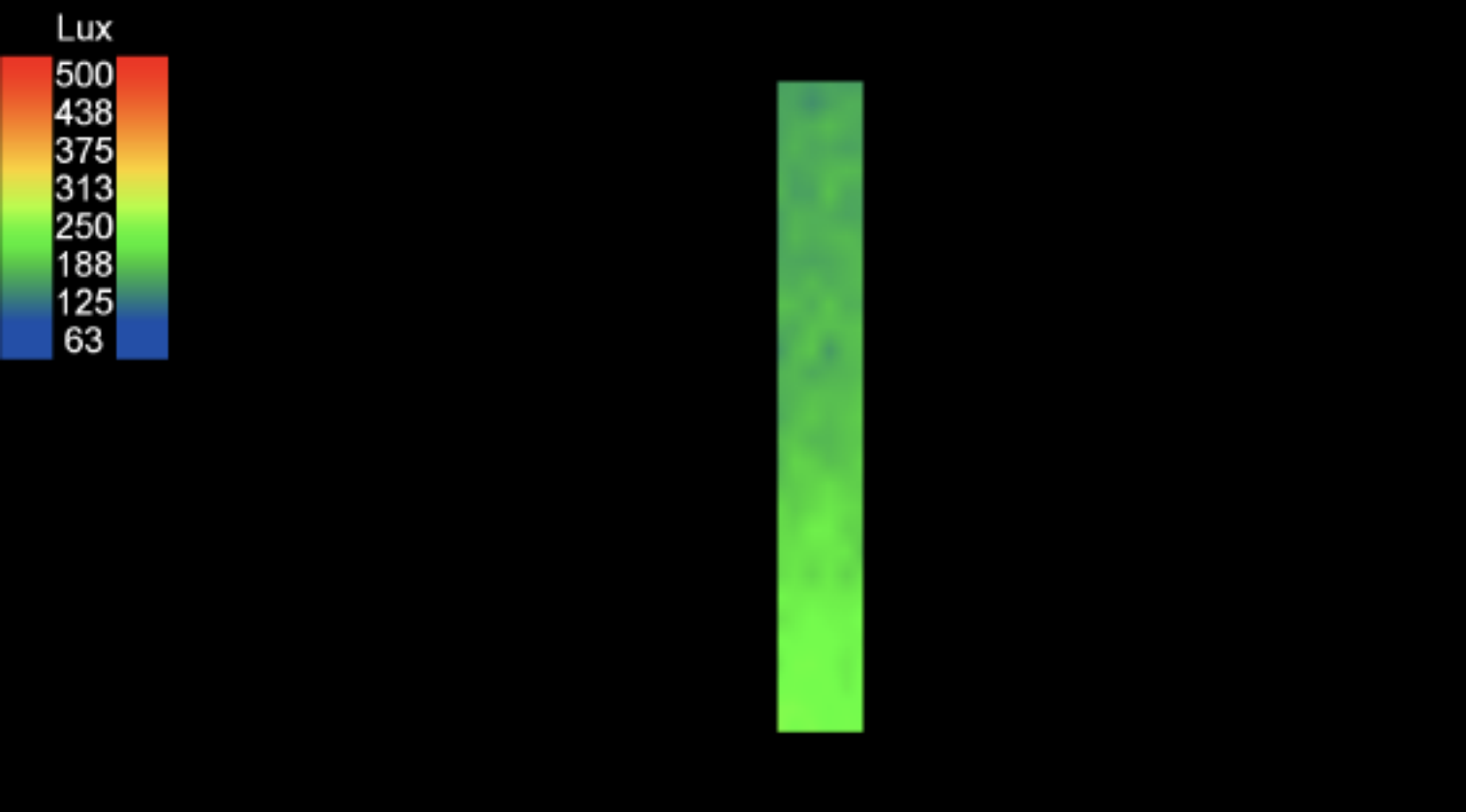
Average	$I_{average}$	2571.77 lux
Median	I_{median}	1109.29 lux
Minimum	I_{min}	0.00 lux
Maximum	I_{max}	16533.00 lux
Uniformity 1	$I_{min}/I_{average}$	0.0000
Uniformity 2	I_{min}/I_{max}	0.0000
$F_{plane, \% \geq 40\%}$		1214.31 lux
$F_{plane, \% \geq 50\%}$		1109.29 lux
$F_{plane, \% \geq 60\%}$		991.56 lux
$F_{plane, \% \geq 70\%}$		866.02 lux
$F_{plane, \% \geq 95\%}$		559.55 lux

keleti szoba



Average	I_{average}	1929.59 lux
Median	I_{median}	713.83 lux
Minimum	I_{min}	0.00 lux
Maximum	I_{max}	16947.90 lux
Uniformity 1	$I_{\text{min}}/I_{\text{average}}$	0.0000
Uniformity 2	$I_{\text{min}}/I_{\text{max}}$	0.0000
$F_{\text{plane}, \% \geq 40\%}$		790.80 lux
$F_{\text{plane}, \% \geq 50\%}$		713.83 lux
$F_{\text{plane}, \% \geq 60\%}$		632.47 lux
$F_{\text{plane}, \% \geq 70\%}$		545.76 lux
$F_{\text{plane}, \% \geq 95\%}$		355.65 lux

WC



Average	I_{average}	163.01 lux
Median	I_{median}	154.62 lux
Minimum	I_{min}	116.49 lux
Maximum	I_{max}	226.36 lux
Uniformity 1	$I_{\text{min}}/I_{\text{average}}$	0.7146
Uniformity 2	$I_{\text{min}}/I_{\text{max}}$	0.5146
$F_{\text{plane}, \% \geq 40\%}$		164.08 lux
$F_{\text{plane}, \% \geq 50\%}$		154.62 lux
$F_{\text{plane}, \% \geq 60\%}$		149.76 lux
$F_{\text{plane}, \% \geq 70\%}$		143.81 lux
$F_{\text{plane}, \% \geq 95\%}$		130.01 lux