

TÚNEIS DO CANIÇAL - TÚNEL PALMEIRA SUL

Data 02/11/2020

Application Ulysse 3.4.8

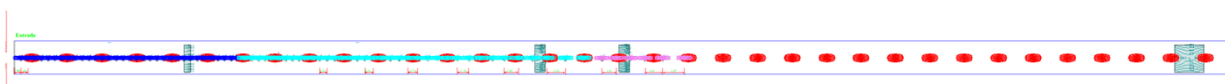
Description REG. DIURNO

Índice

1.	Vistas	3
1.1.	Snapshot item	3
2.	Equipamentos.....	4
2.1.	GL2 Compact 2 32 LEDs 350mA NW 740 Plano(a), Vidro extra claro, Liso 5103 Simétrico 33632S	4
2.2.	TFLEX COMBI 5301 SYM 160LH351C 700mA NW740 EF (1)	4
2.3.	TFLEX COMBI 5301 SYM 160LH351C 500mA NW740 EF (1)	5
2.4.	TFLEX COMBI 5301 SYM 80 LH351C 500mA NW740 EF	5
3.	Resultados	6
3.1.	Resultado Malha	6
4.	Potência consumida	7
4.1.	TFLEX.....	7
5.	TFLEX	7
5.1.	Descrição Matriz	7
5.2.	Grupos de luminárias.....	7
5.3.	ZONA LIMIAR - Normal	8
5.4.	Luminância - ZONA LIMIAR - R3007	9
5.5.	ZONA TRANSIÇÃO 1 - Normal	11
5.6.	Luminância - ZONA TRANSIÇÃO 1 - R3007.....	12
5.7.	ZONA TRANSIÇÃO 2 - Normal	14
5.8.	Luminância - ZONA TRANSIÇÃO 2 - R3007.....	15
5.9.	ZONA INTERIOR - Normal	17
5.10.	Luminância - ZONA INTERIOR - R3007	18

1. Vistas

1.1. Snapshot item



2. Equipamentos

2.1. GL2 Compact 2 32 LEDs 350mA NW 740 Plano(a), Vidro extra claro, Liso 5103 Simétrico 33632S

Tipo GL2 Compact 2

Reflector 5103

Fonte 32 LEDs 350mA NW 740

Protector Plano(a), Vidro extra claro, Liso

Regulação Simétrico

Fluxo nominal 5,856 klm

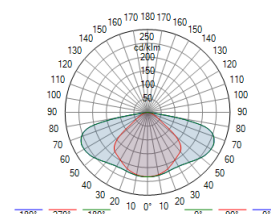
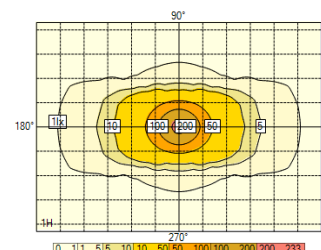
Potência 35,2 W

FM 0,85

Matriz 33632S

Fluxo luminária 4,940 klm

Eficácia 140 lm/W



2.2. TFLEX COMBI 5301 SYM 160LH351C 700mA NW740 EF (1)

Tipo TFLEX COMBI 5301 SYM 160 LH351C@700mA ...

Fonte 160 LH351C@700mA NW 740

Fluxo nominal 53,990 klm

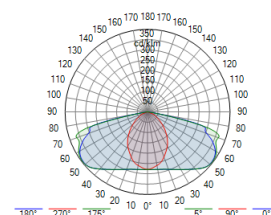
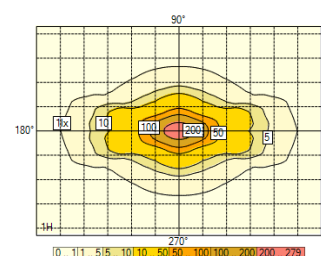
Potência 357,2 W

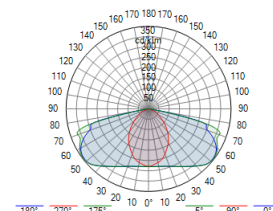
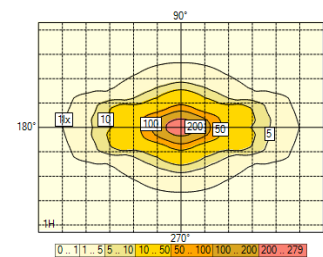
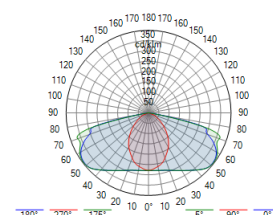
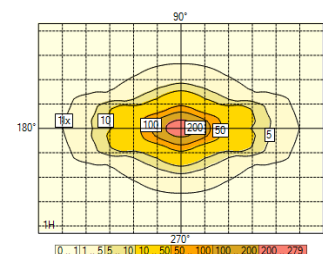
FM 0,85

Matriz TFLEX COMBI 5301 SYM 160LH351C 700mA ...

Fluxo luminária 46,989 klm

Eficácia 132 lm/W



2.3. TFLEX COMBI 5301 SYM 160LH351C 500mA NW740 EF (1)**Tipo** TFLEX COMBI 5301 SYM 160 LH351C@500mA ...**Fonte** 160 LH351C@500mA NW 740**Fluxo nominal** 41,283 klm**Potência** 245,0 W**FM** 0,85**Matriz** TFLEX COMBI 5301 SYM 160LH351C 500mA ...**Fluxo luminária** 35,930 klm**Eficácia** 147 lm/W**2.4. TFLEX COMBI 5301 SYM 80 LH351C 500mA NW740 EF****Tipo** TFLEX COMBI 5301 SYM 80 LH351C@500mA ...**Fonte** 80 LH351C@500mA NW 740**Fluxo nominal** 20,642 klm**Potência** 125,0 W**FM** 0,85**Matriz** TFLEX COMBI 5301 SYM 80 LH351C 500mA ...**Fluxo luminária** 17,965 klm**Eficácia** 144 lm/W

3. Resultados

3.1. Resultado Malha

ZONA LIMIAR

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)	
TFLEX	1821,0	65	51	1191,8	2339,1	N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
TFLEX - Observador 1 (-13,70; 3,10; 1,50)	117,90	53	33	62,29	186,85	99 %
TFLEX - Observador 2 (-13,70; 6,10; 1,50)	118,02	49	32	57,48	181,77	99 %

ZONA TRANSIÇÃO 1

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)	
TFLEX	638,9	64	49	411,9	836,4	N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
TFLEX - Observador 1 (82,00; 3,10; 1,50)	36,31	54	35	19,70	56,96	94 %
TFLEX - Observador 2 (82,00; 6,10; 1,50)	36,36	51	33	18,48	55,85	94 %

ZONA TRANSIÇÃO 2

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)	
TFLEX	359,0	65	50	233,3	469,7	N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
TFLEX - Observador 1 (105,00; 3,10; 1,50)	18,99	55	36	10,53	29,58	91 %
TFLEX - Observador 2 (105,00; 6,10; 1,50)	19,01	53	35	10,06	29,14	91 %

ZONA INTERIOR

1. Iluminância Normal	Med (A) (lx)	Min/Med (%)	Min/Max (%)	Min (lx)	Max (lx)	
TFLEX	30,7	77	60	23,5	39,2	N/A

2. Luminância - RTable - R3007	Med (A) (cd/m²)	Min/Med (%)	Min/Max (%)	Min (cd/m²)	Max (cd/m²)	UL (%)
TFLEX - Observador 1 (256,50; 3,10; 1,50)	2,06	59	37	1,21	3,28	96 %
TFLEX - Observador 2 (256,50; 6,10; 1,50)	2,07	55	36	1,14	3,20	94 %

4. Potência consumida

4.1. TFLEX

equipamento	Current [mA]	Qt.	Dimming	Potência / Equipamento	Total
GL2 Compact 2 32 LEDs 350mA NW 740 Plano(a), Vidro extra claro, Liso 5103 Simétrico 33632S	350	92	100 %	35 W	3240 W
TFLEX COMBI 5301 SYM 160LH351C 500mA NW740 EF (1)	0	37	100 %	245 W	9065 W
TFLEX COMBI 5301 SYM 160LH351C 700mA NW740 EF (1)	0	33	100 %	357 W	11788 W
TFLEX COMBI 5301 SYM 80 LH351C 500mA NW740 EF	0	6	100 %	125 W	750 W

5. TFLEX

5.1. Descrição Matriz

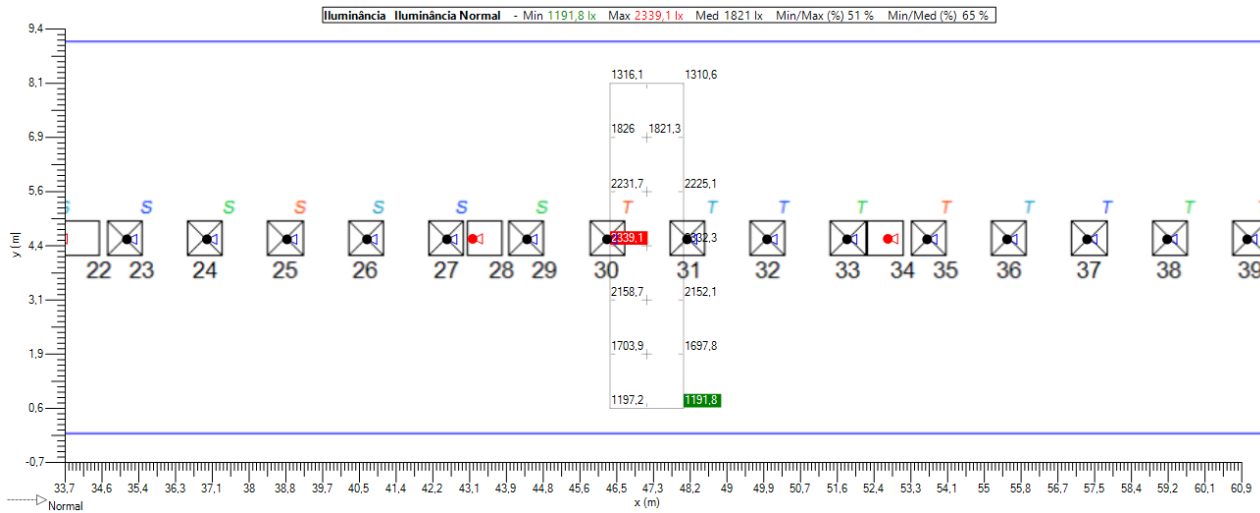
Ph. color	Descrição	Current [mA]	Fluxo nominal [klm]	Fluxo luminária [klm]	Potência [W]	Eficácia [lm/W]	FM	Altura [m]	Equipamento
	GL2 Compact 2 32 LEDs 350mA NW 740 Plano(a), Vidro extra claro, Liso 5103 Simétrico 33632S	350	5,856	4,940	35,2	140	0,850	92 x 6,80	
	TFLEX COMBI 5301 SYM 160LH351C 500mA NW740 EF (1)		41,283	35,930	245,0	147	0,850	37 x 6,80	
	TFLEX COMBI 5301 SYM 160LH351C 700mA NW740 EF (1)		53,990	46,989	357,2	132	0,850	33 x 6,80	
	TFLEX COMBI 5301 SYM 80 LH351C 500mA NW740 EF		20,642	17,965	125,0	144	0,850	6 x 6,80	

5.2. Grupos de luminárias

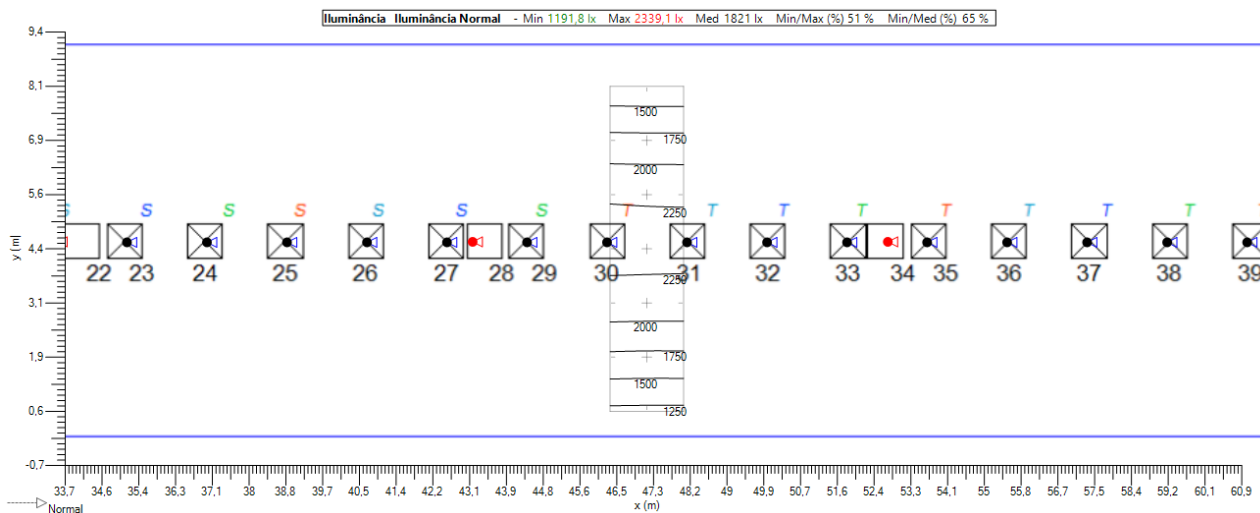
Linear																
	Color	N°	Posição			Luminária				Dimensão			Rotação			
			X [m]	Y [m]	Z [m]	Nome	Az [°]	Incl [°]	Rot [°]	Dim [%]	Nº de	Espaçamento [m]	Dim. Total [m]	X [°]	Y [°]	Z [°]
☒		1	1,83	4,50	6,80	LTH1	0,0	0,0	0,0	100	33	1,85	59,20	0,0	0,0	0,0
☒		2	4,72	4,51	6,80	REG. BASE	0,0	0,0	0,0	100	7	9,60	57,60	0,0	0,0	0,0
☒		3	62,88	4,51	6,80	LTH1-2	0,0	0,0	0,0	100	11	1,85	18,50	0,0	0,0	0,0
☒		4	71,13	4,48	6,80	REG. BASE (1)	0,0	0,0	0,0	100	7	9,40	56,40	0,0	0,0	0,0
☒		5	83,25	4,50	6,80	LTH1-2 (1)	0,0	0,0	0,0	100	7	2,07	12,42	0,0	0,0	0,0
☒		6	97,95	4,49	6,80	LTH1-2 (2)	0,0	0,0	0,0	100	5	2,32	9,28	0,0	0,0	0,0
☒		7	110,00	4,49	6,80	LTH2	0,0	0,0	0,0	100	5	2,70	10,80	0,0	0,0	0,0
☒		8	124,01	4,51	6,80	LTH2 (1)	0,0	0,0	0,0	100	4	3,20	9,60	0,0	0,0	0,0
☒		9	136,63	4,50	6,80	REG. BASE (2)	0,0	0,0	0,0	100	10	9,45	85,05	0,0	0,0	0,0
☒		10	137,48	4,50	6,80	LTH2 (2)	0,0	0,0	0,0	100	3	3,90	7,80	0,0	0,0	0,0
☒		11	150,30	4,51	6,80	LTH2 (3)	0,0	0,0	0,0	100	2	5,00	5,00	0,0	0,0	0,0
☒		12	160,33	4,48	6,80	LTR1	0,0	0,0	0,0	100	2	3,90	3,90	0,0	0,0	0,0
☒		13	168,13	4,49	6,80	LTR1 (2)	0,0	0,0	0,0	100	2	3,90	3,90	0,0	0,0	0,0
☒		14	176,83	4,52	6,80	LTR1 (1)	0,0	0,0	0,0	100	2	5,94	5,94	0,0	0,0	0,0
☒		15	230,94	4,48	6,80	REG. BASE (3)	0,0	0,0	0,0	100	68	9,40	629,80	0,0	0,0	0,0

5.3. ZONA LIMIAR - Normal

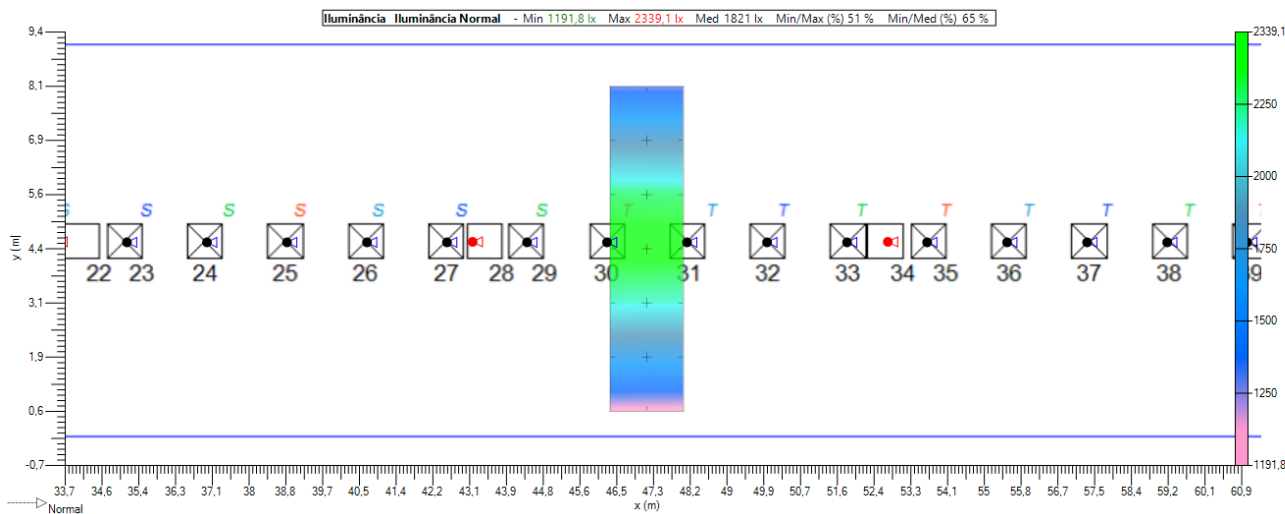
Resultados



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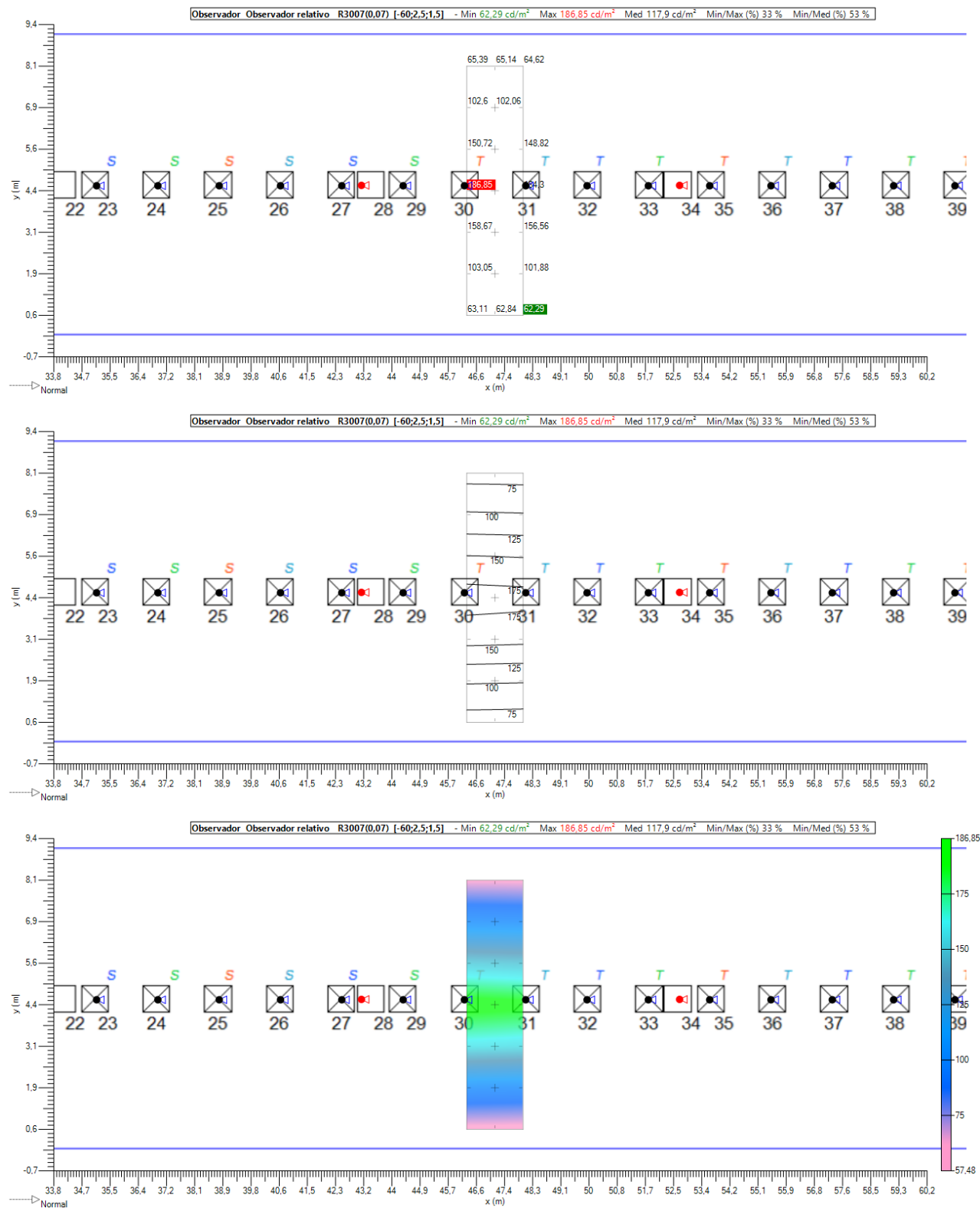


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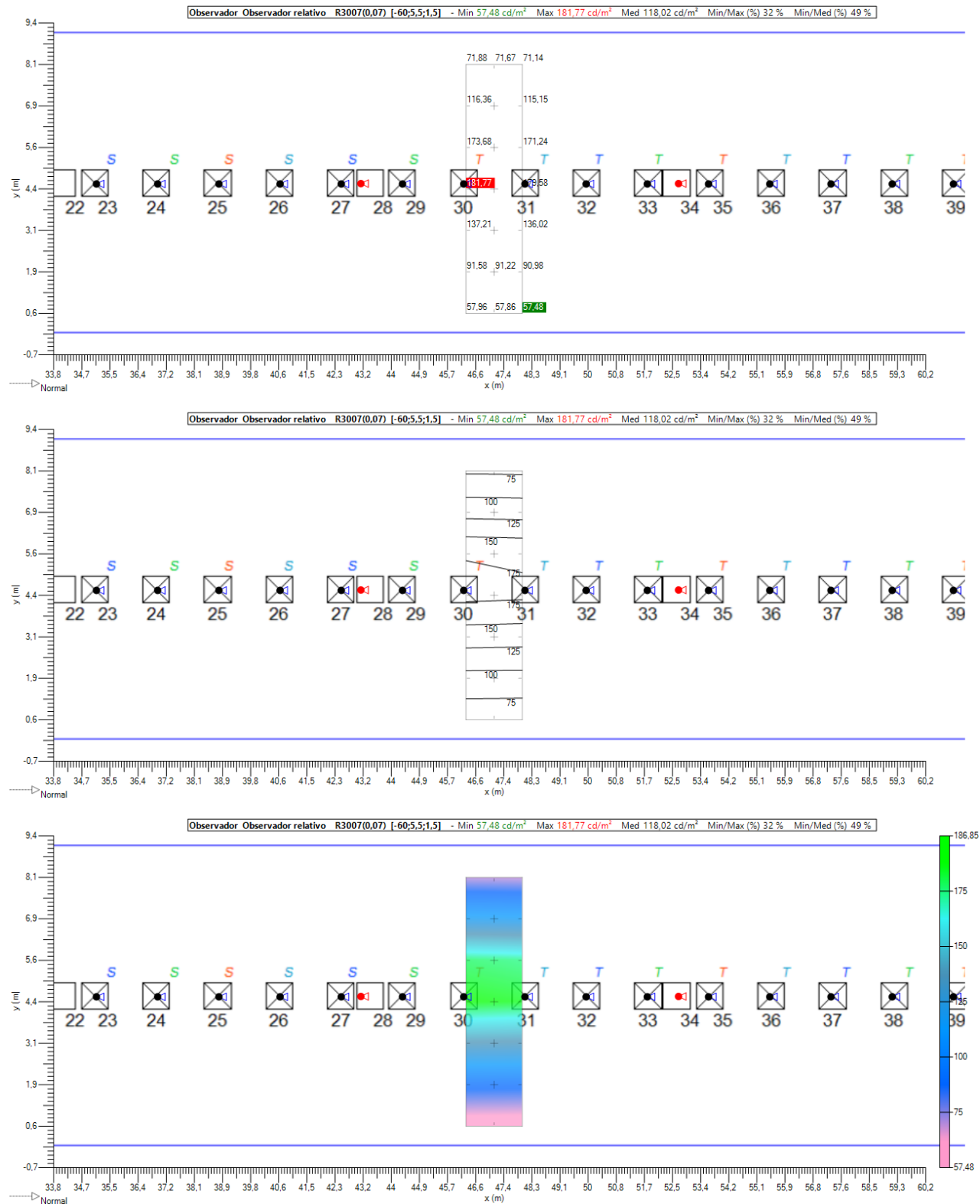


5.4. Luminância - ZONA LIMIAR - R3007

ZONA LIMIAR - Relative 1

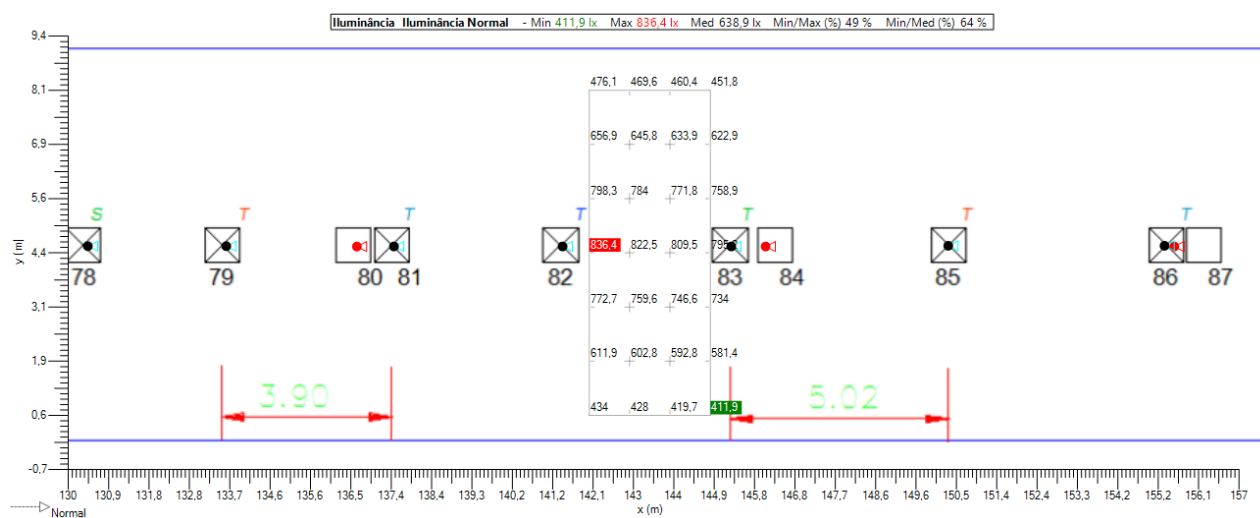


ZONA LIMIAR - Relative 2

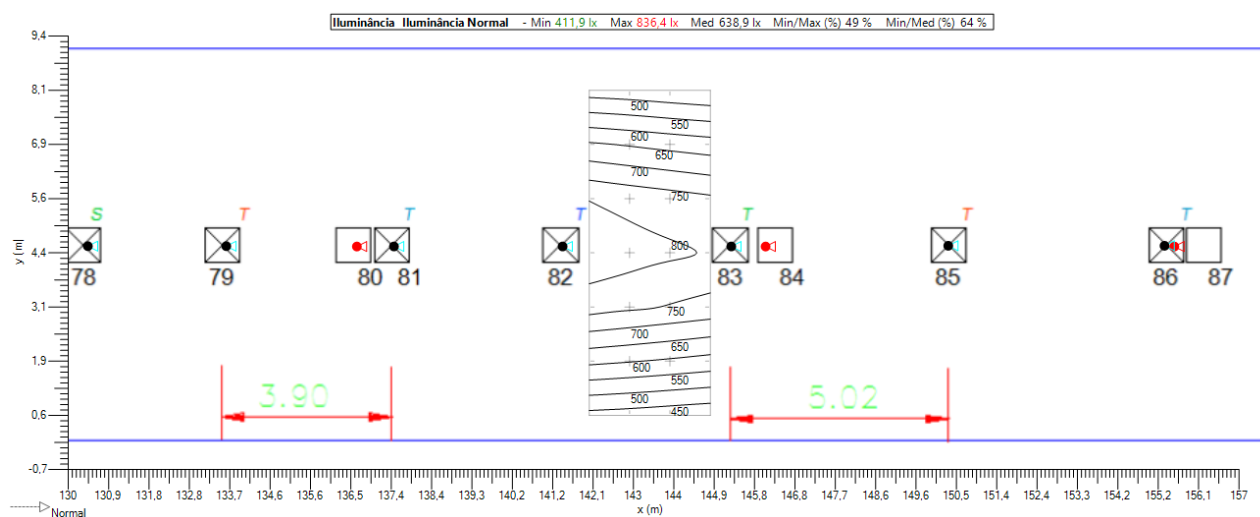


5.5. ZONA TRANSIÇÃO 1 - Normal

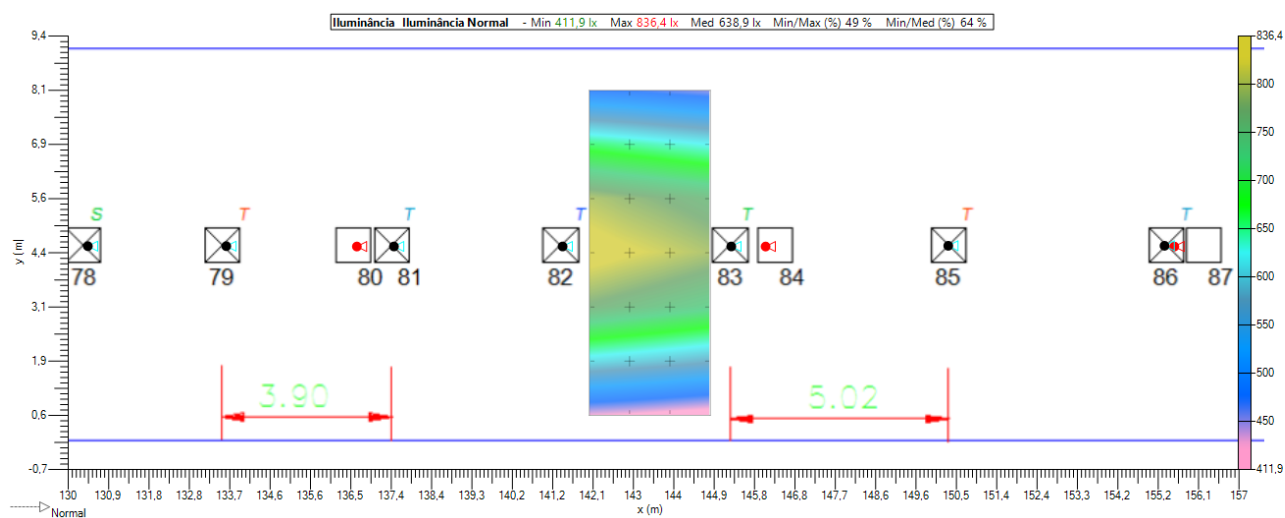
Resultados



Isolevel

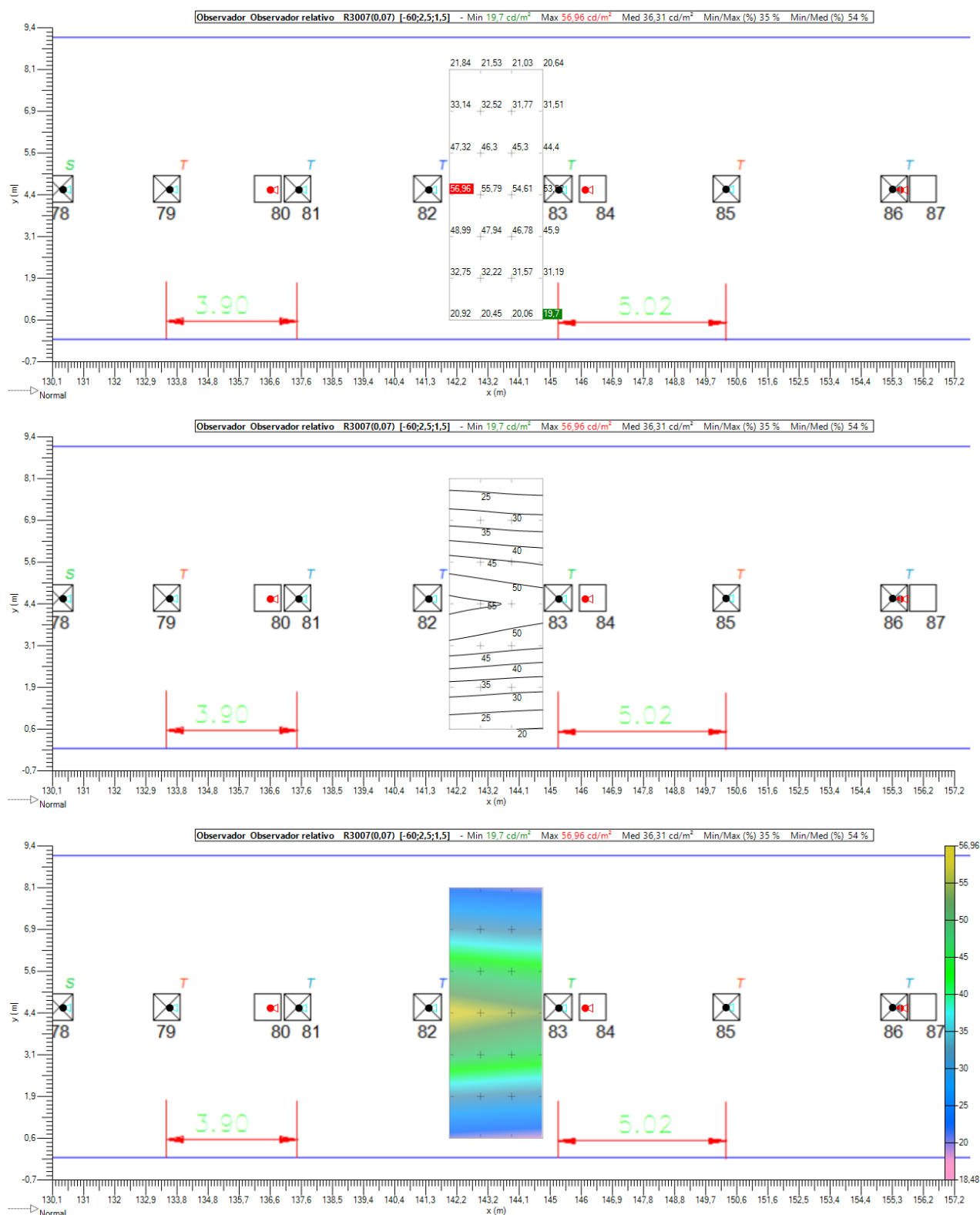


Sombreado

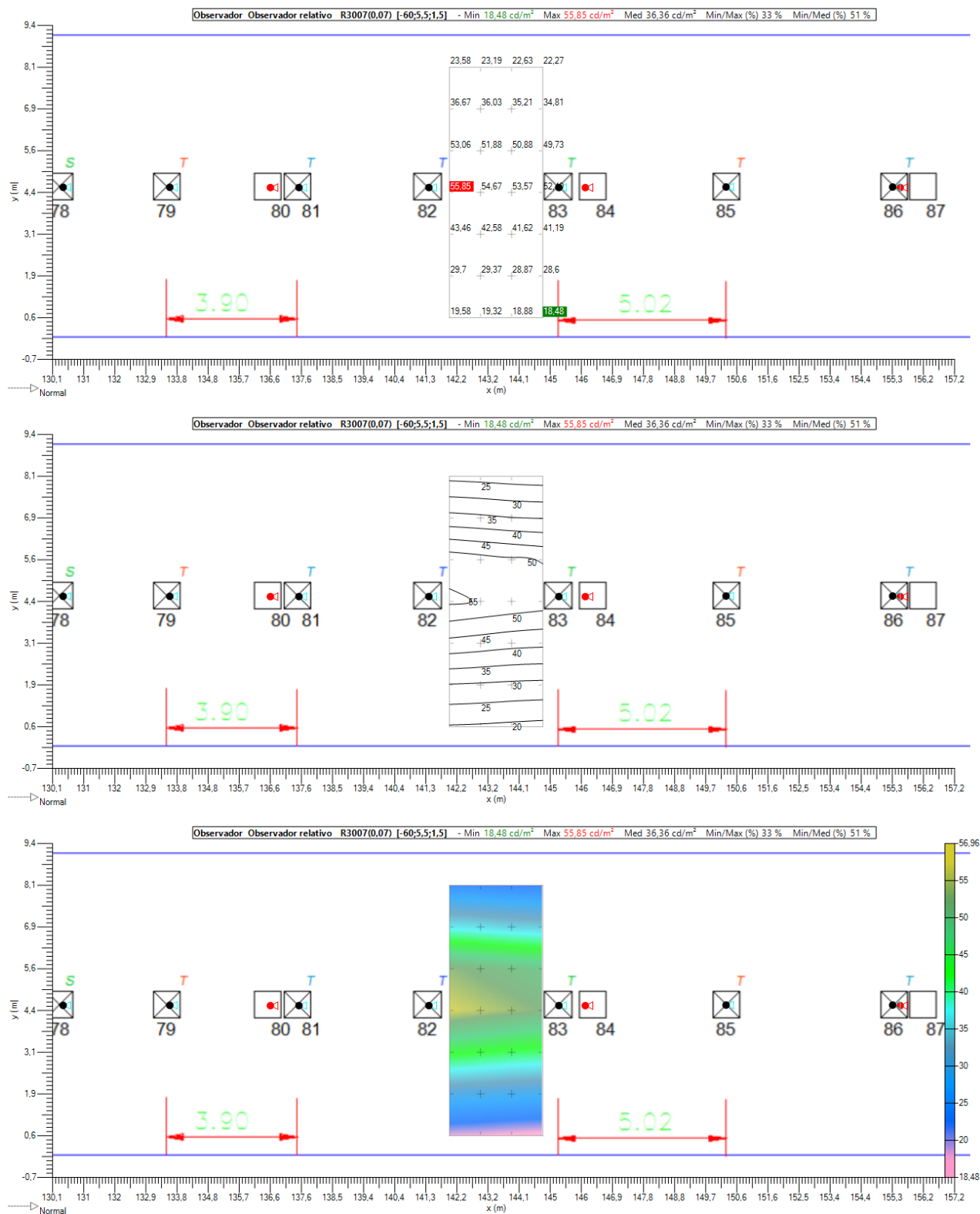


5.6. Luminância - ZONA TRANSIÇÃO 1 - R3007

ZONA TRANSIÇÃO 1 - Relative 1

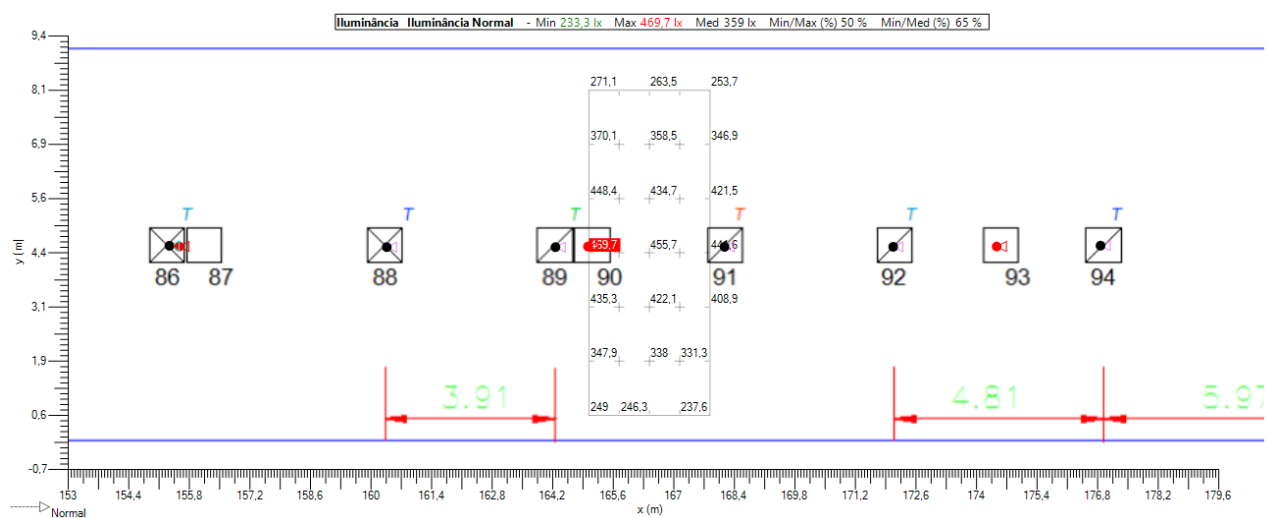


ZONA TRANSIÇÃO 1 - Relative 2

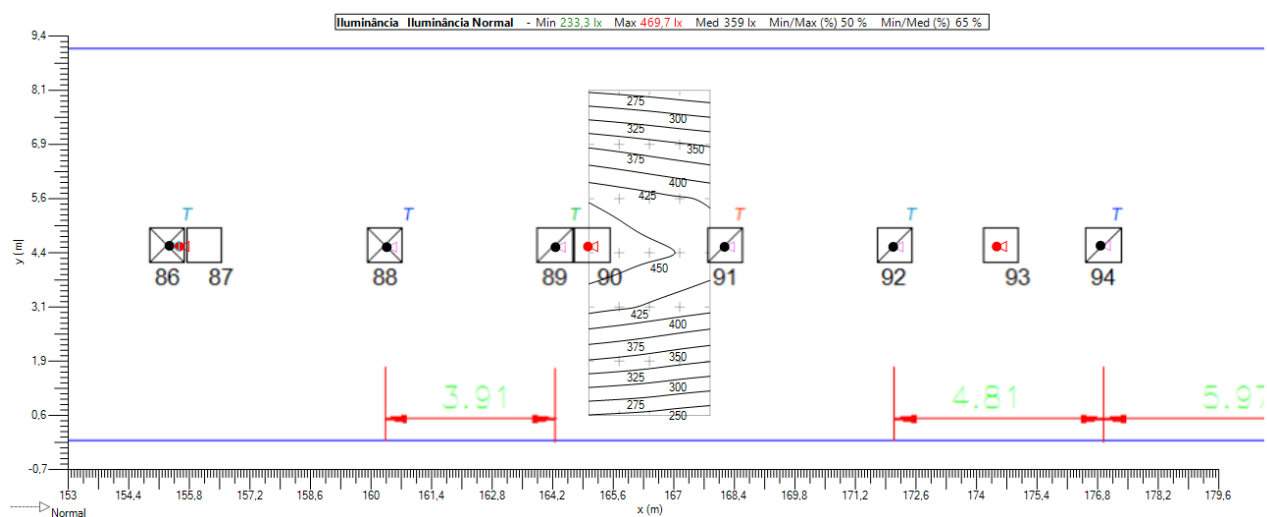


5.7. ZONA TRANSIÇÃO 2 - Normal

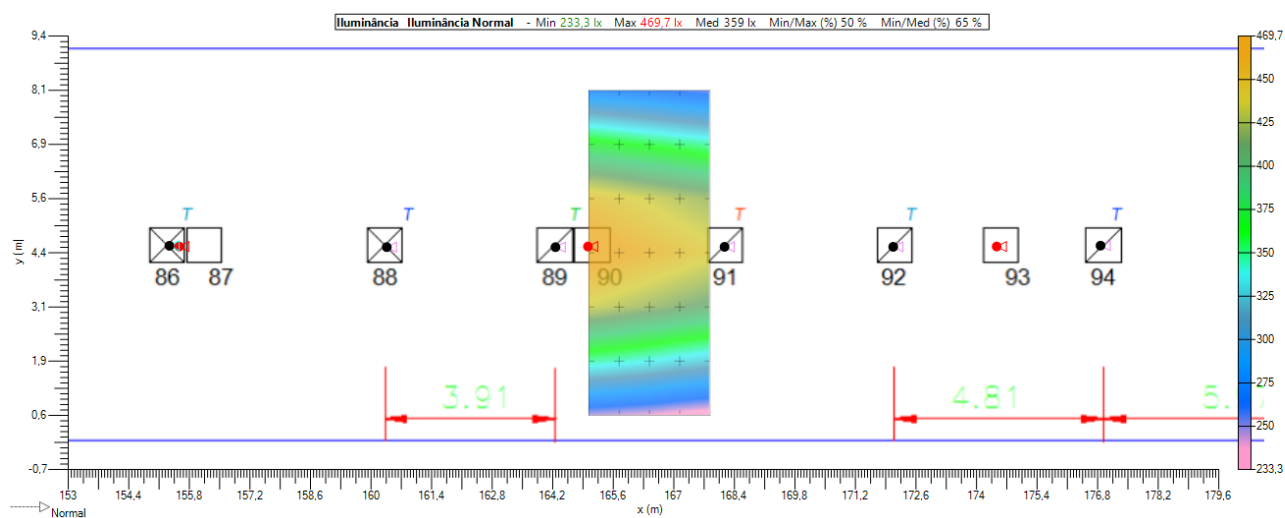
Resultados



Isolevel

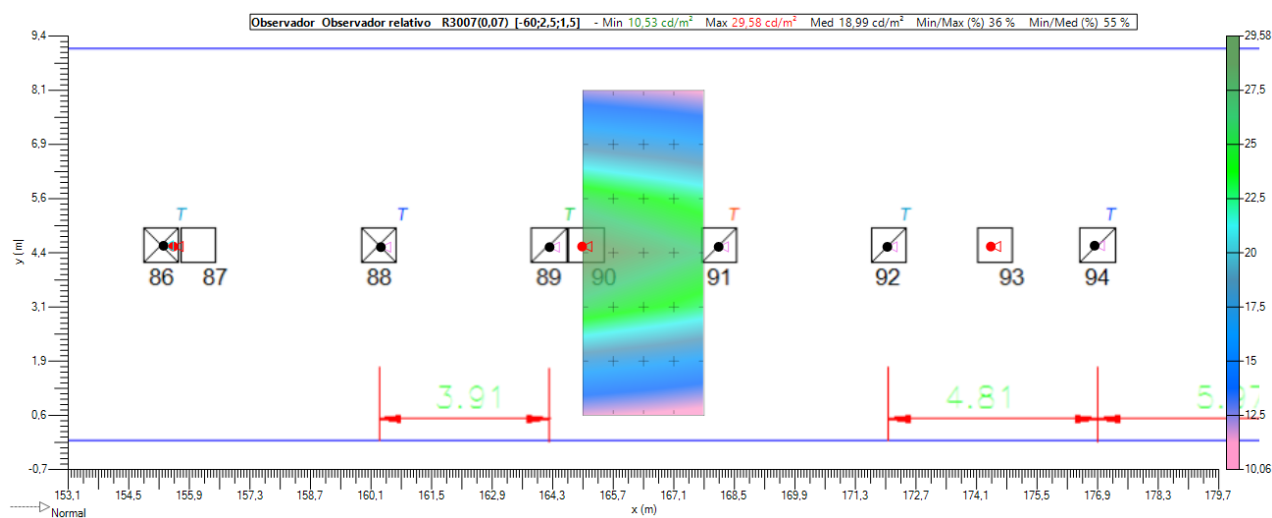
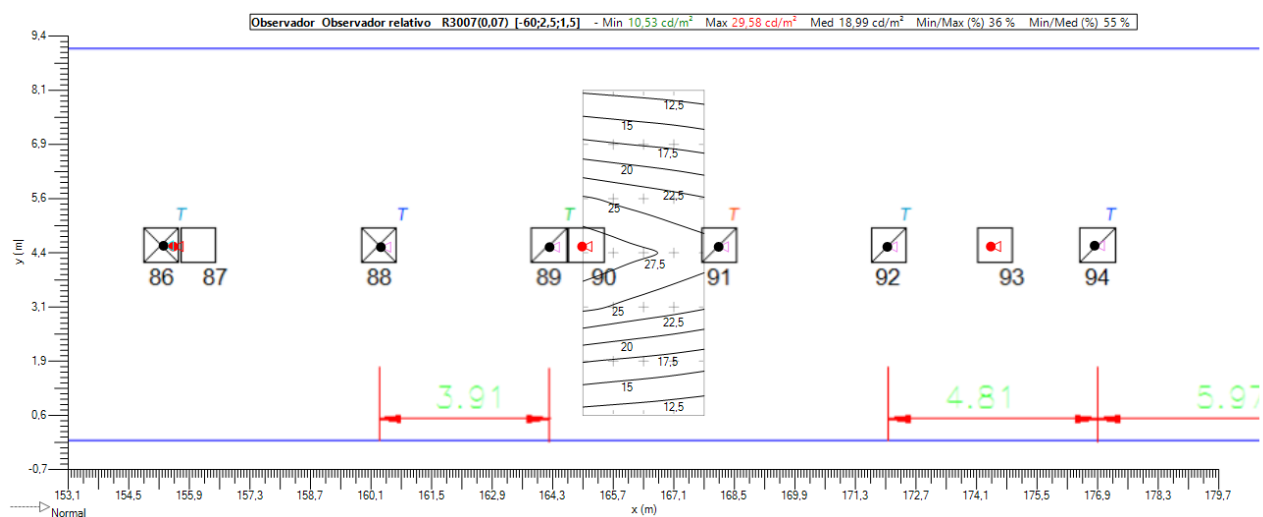
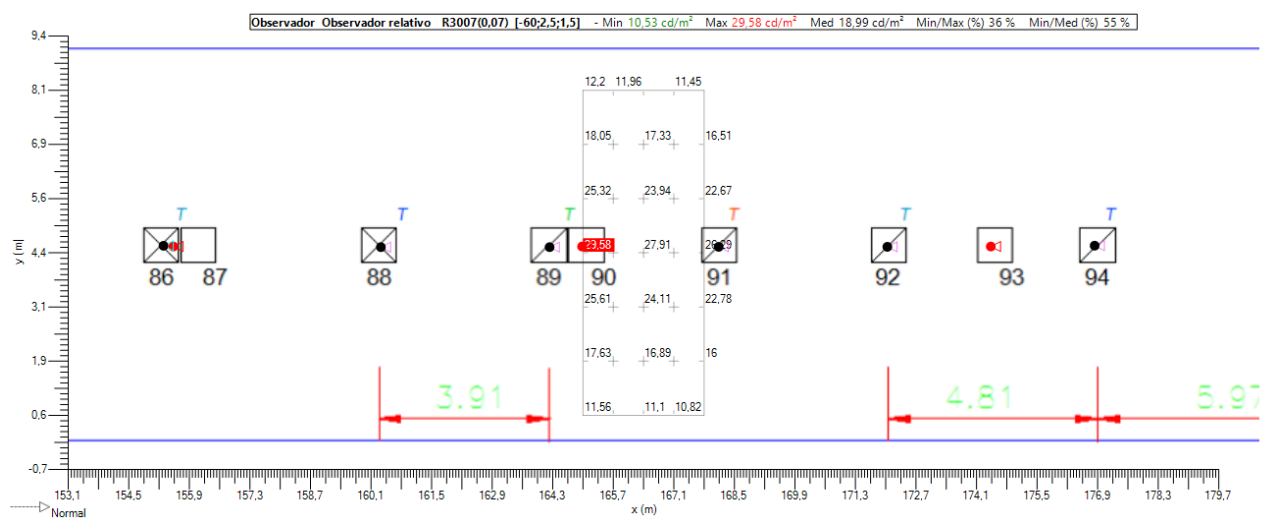


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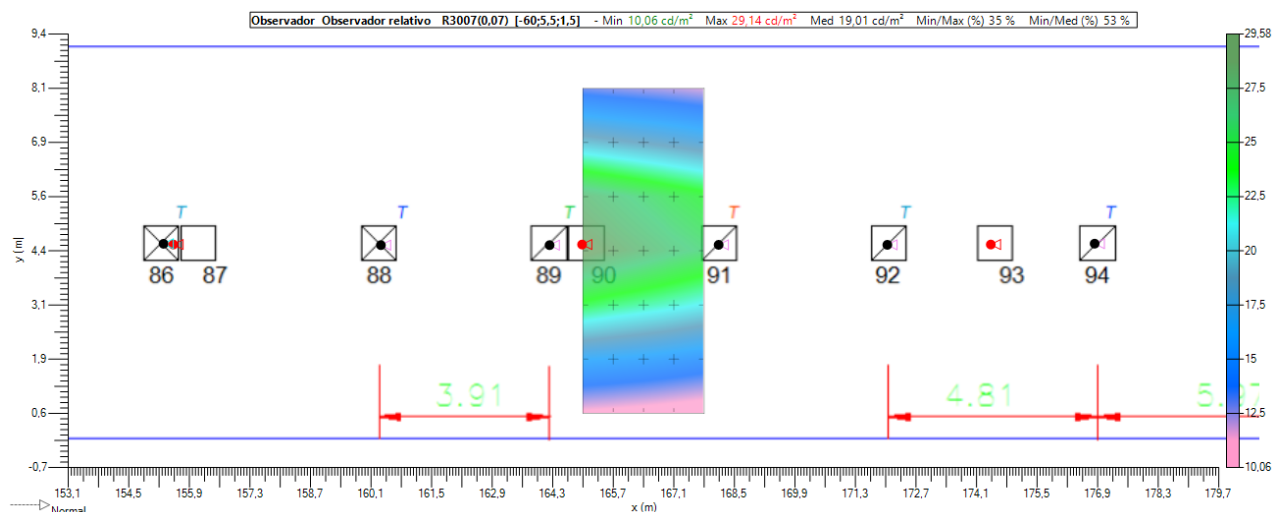
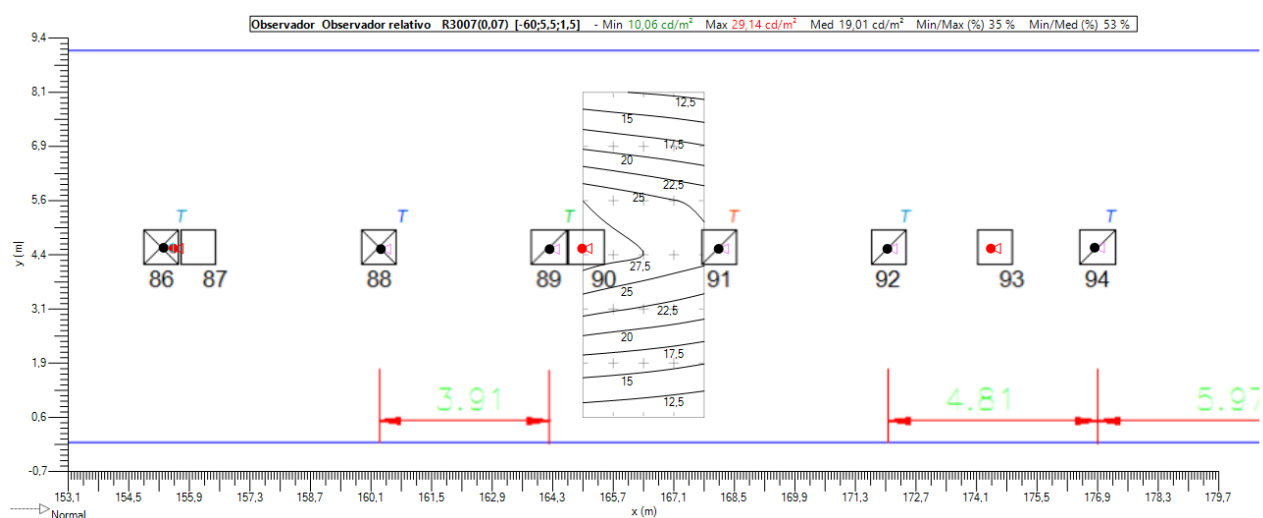
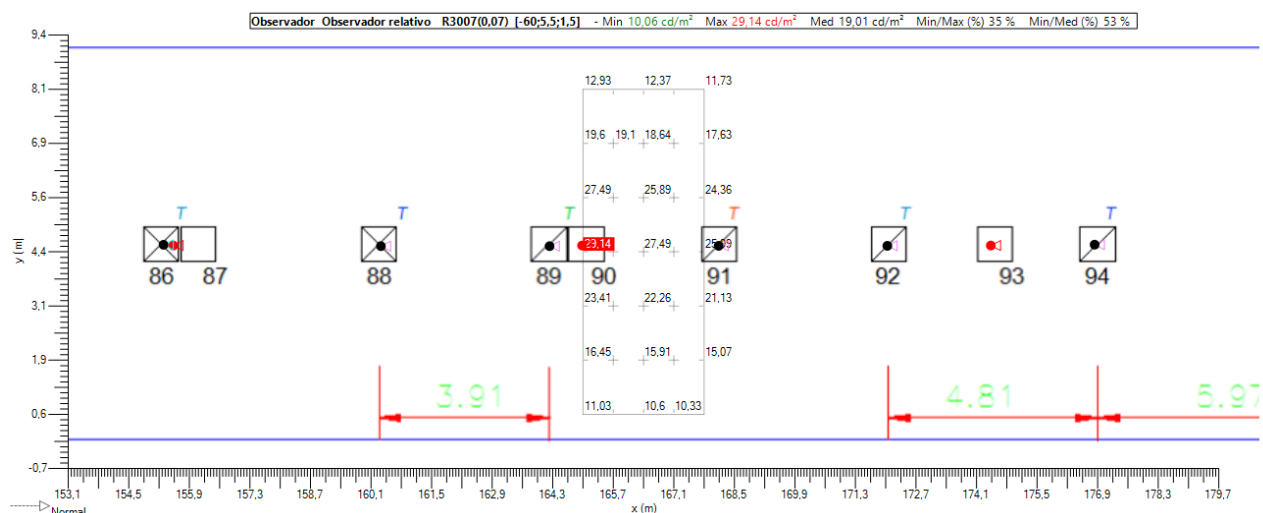


5.8. Luminância - ZONA TRANSIÇÃO 2 - R3007

ZONA TRANSIÇÃO 2 - Relative 1

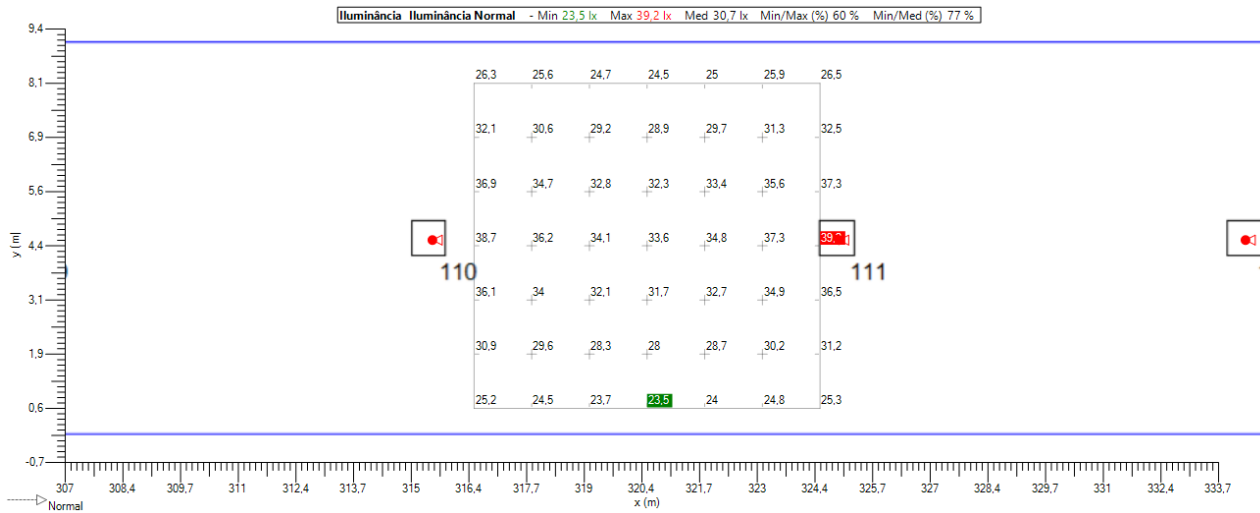


ZONA TRANSIÇÃO 2 - Relative 2

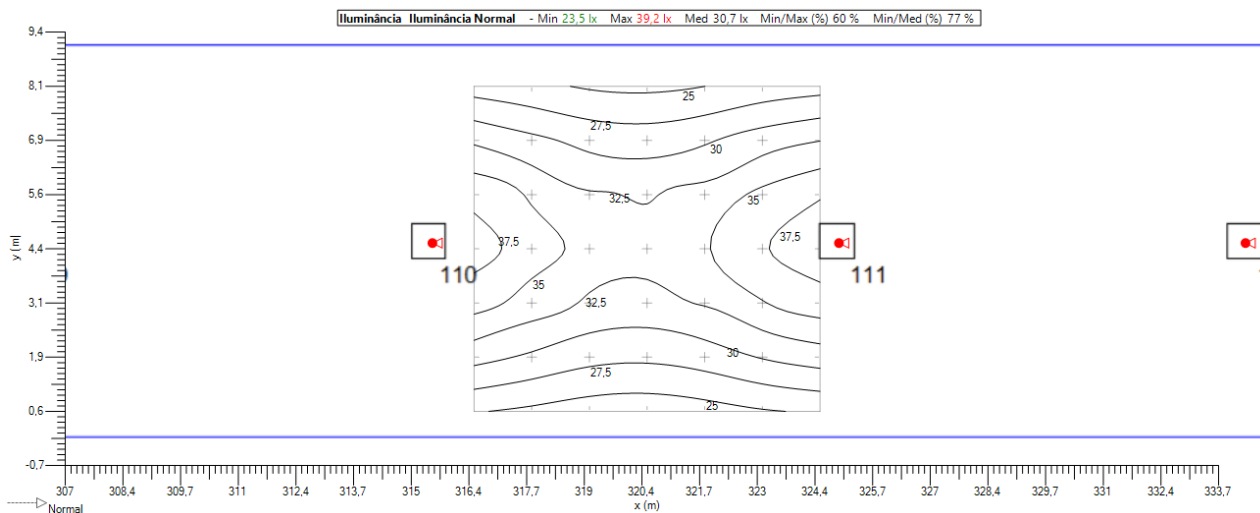


5.9. ZONA INTERIOR - Normal

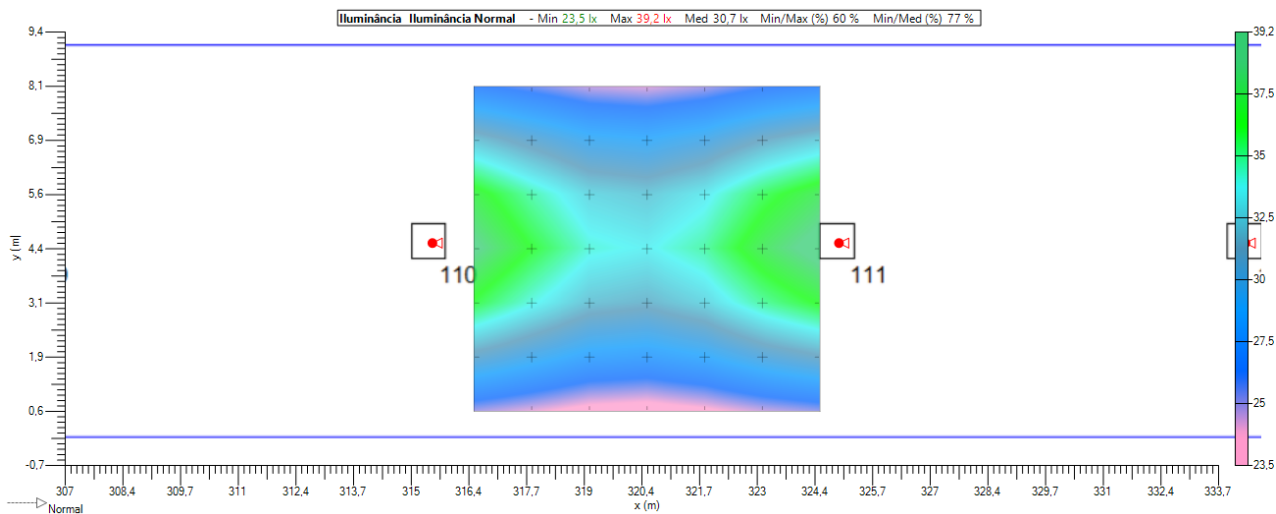
Resultados



Isolevel

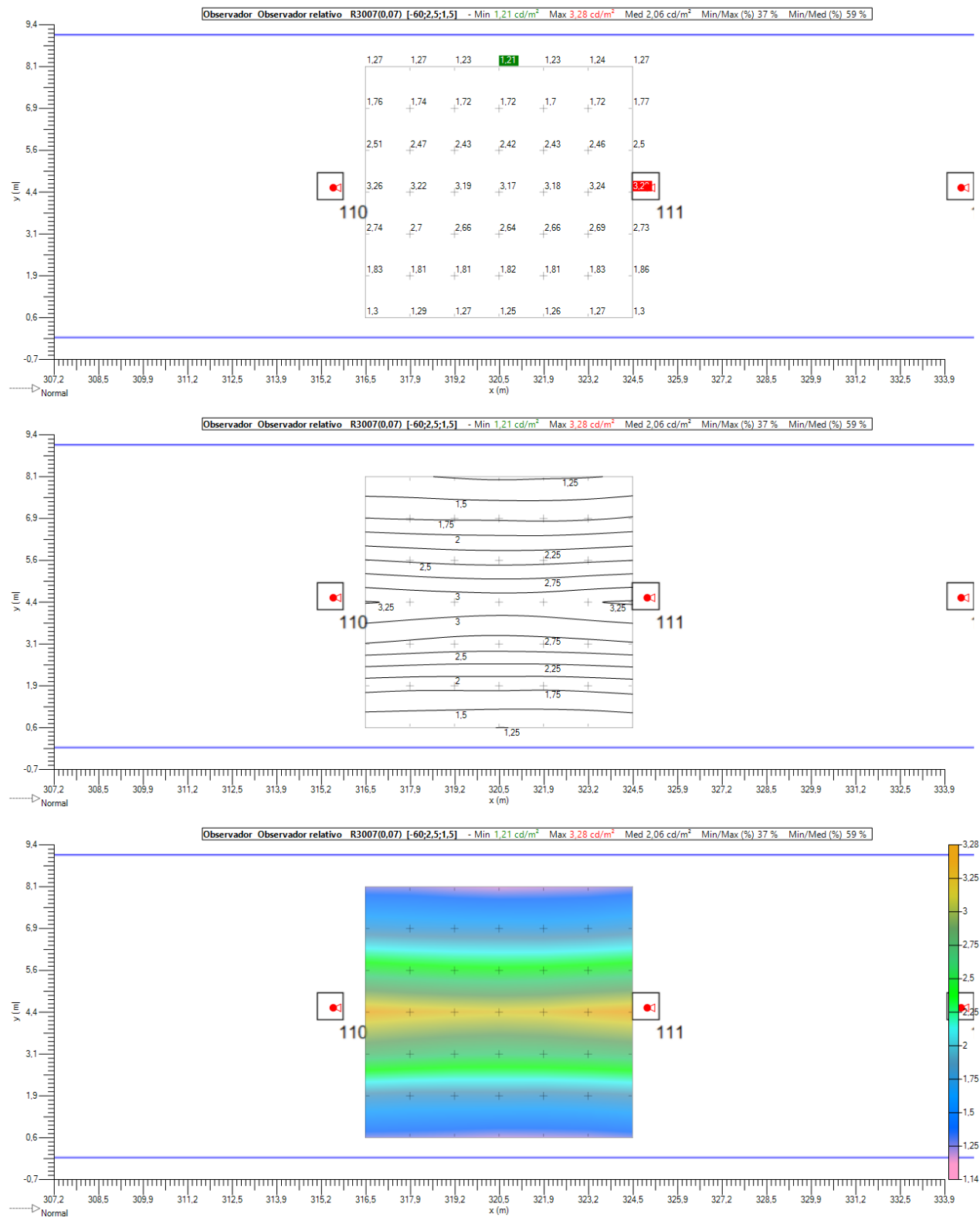


Sombreado



5.10. Luminância - ZONA INTERIOR - R3007

ZONA INTERIOR - Relative 1



ZONA INTERIOR - Relative 2

