



KNX 4 □ DMX512 □

DMX512 Dimming Actuator, 4-Fold_V1.3

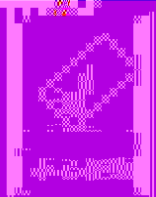
ADDMX-04/66.1

KNX/EIB

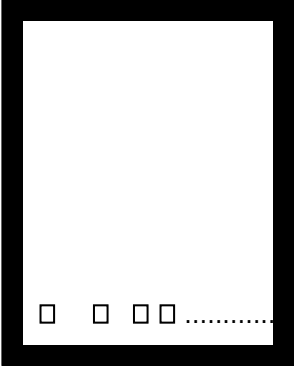
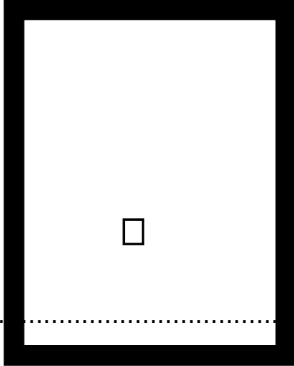


注意事项

1、请远离强磁场、高温、潮湿等环境；



3、不要私自更改或拆卸任何部件；





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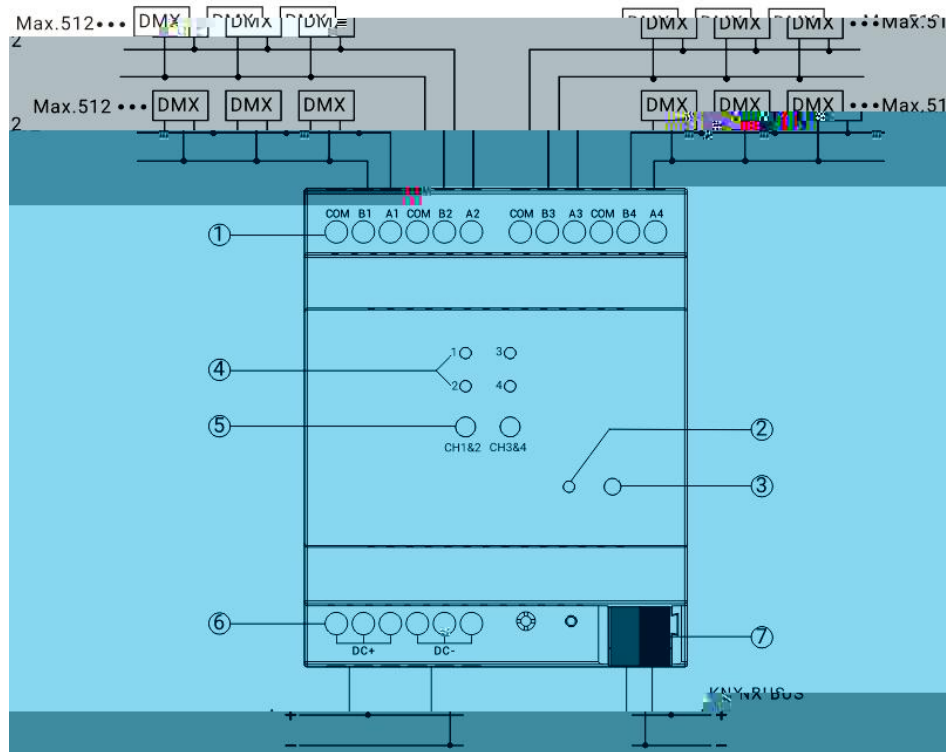


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1.DC+ DC-□ □ □ □ □ LED □ □ □ □ □ LED □ □ □

□ □ □ □ k

2.DC+ DC-□ □ □ □ □ LED □ 5s □ □ □ □ 0 DMX512 □ □

k

3.DC+ DC-□ □ □ □ □ LED □ □ □ □ off k



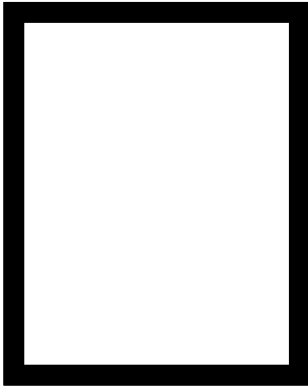
□ □ ETS □

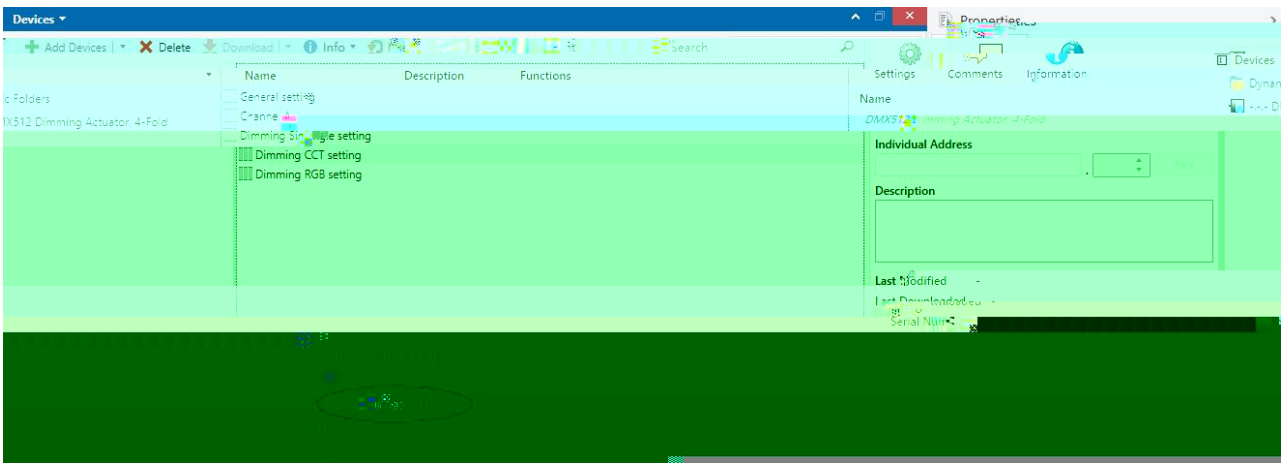


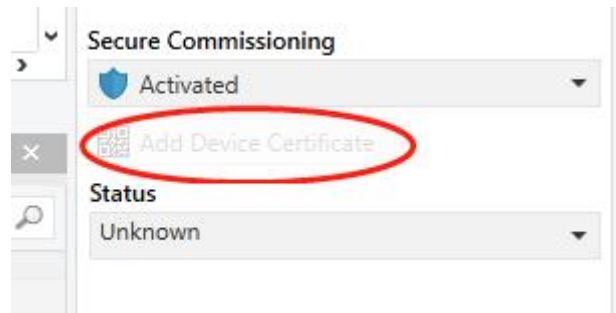
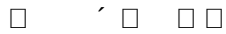
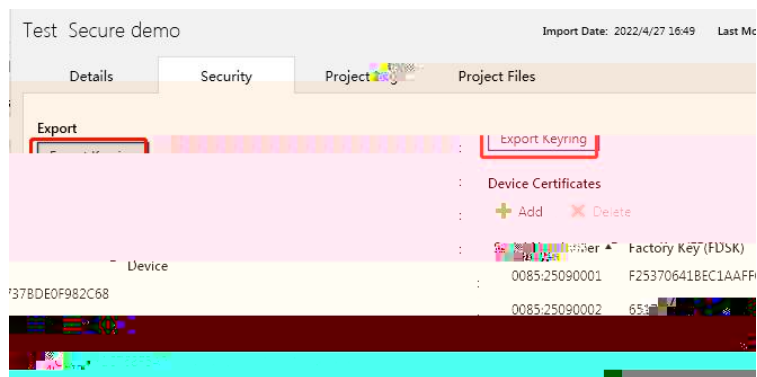
Secure Commissioning



Activated









4.2. □ □ □ □ “General setti



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□ "Universe A/B/C/D"

□ □ □ □ □ □ □ □ □ □ □ □ k □ □ □ □ □ □ k

□ "Universe channel map merge function"

□ □ □ □ □ □ □ □ □ k □ □ □ □ □ □ k □ □

A,B,C,D

A+B, C+D

A+B+C+D

□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

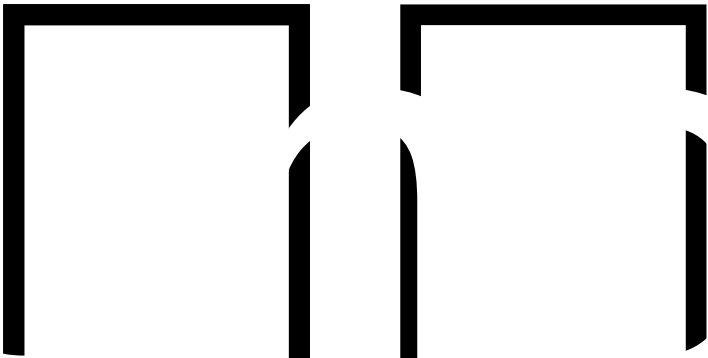
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☐ "DIM CCT scene function"

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k

☐ "DIM RGB scene function"

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k

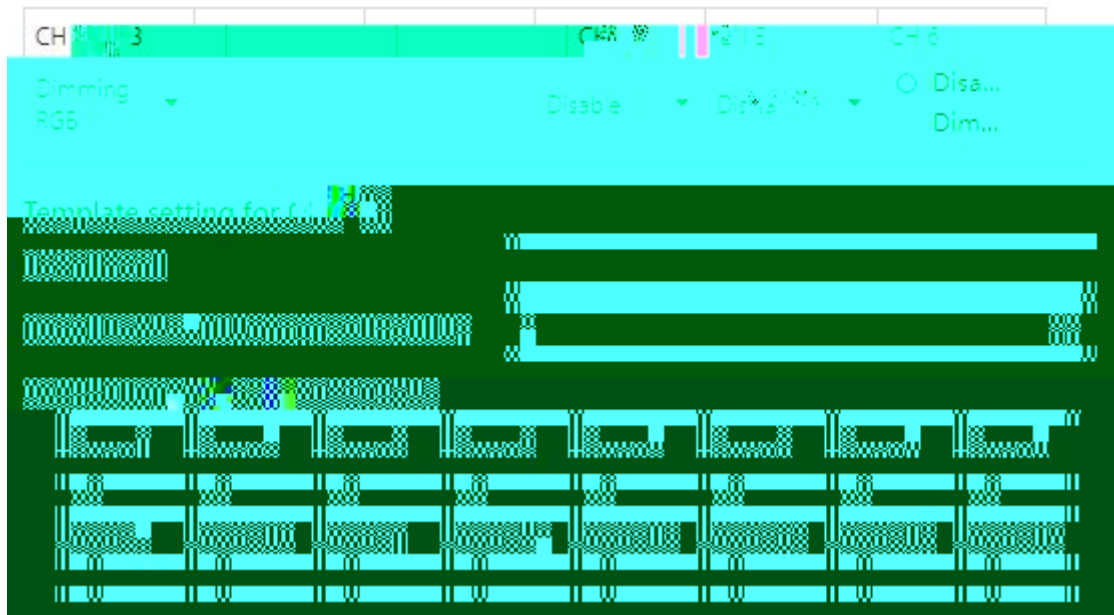
☐ "Staircase lighting function"

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k

☐ "DIM extended scene group function"

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k

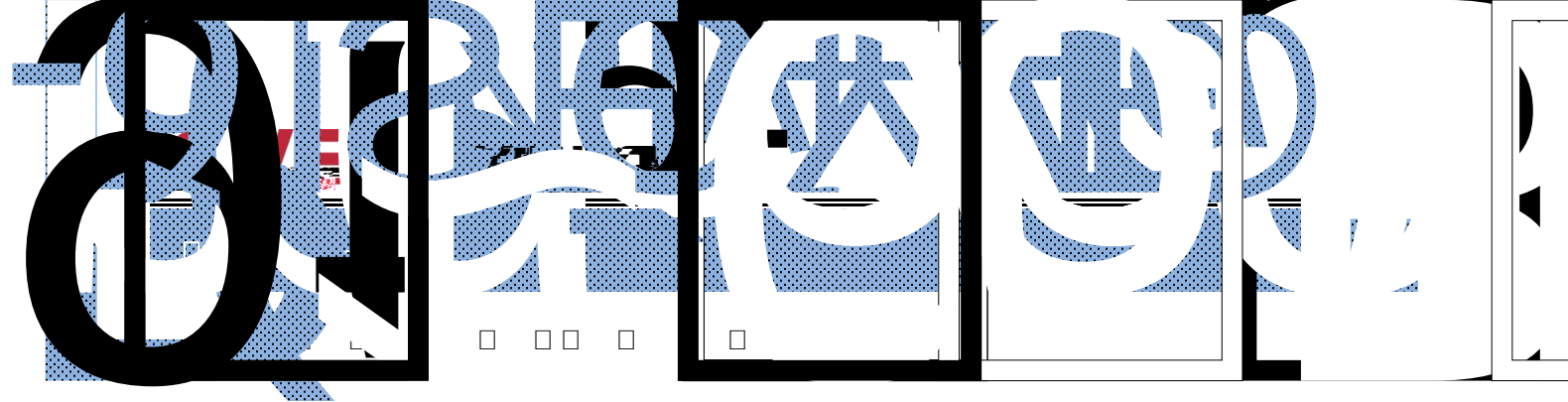




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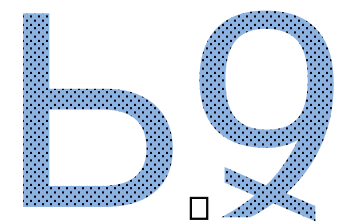
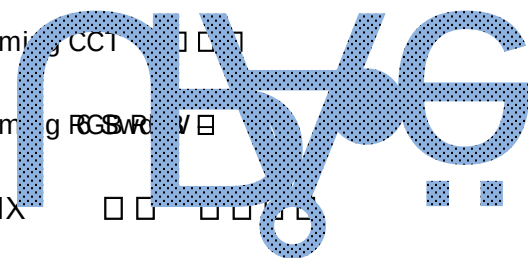
Disable ☐

Dimming single ☐

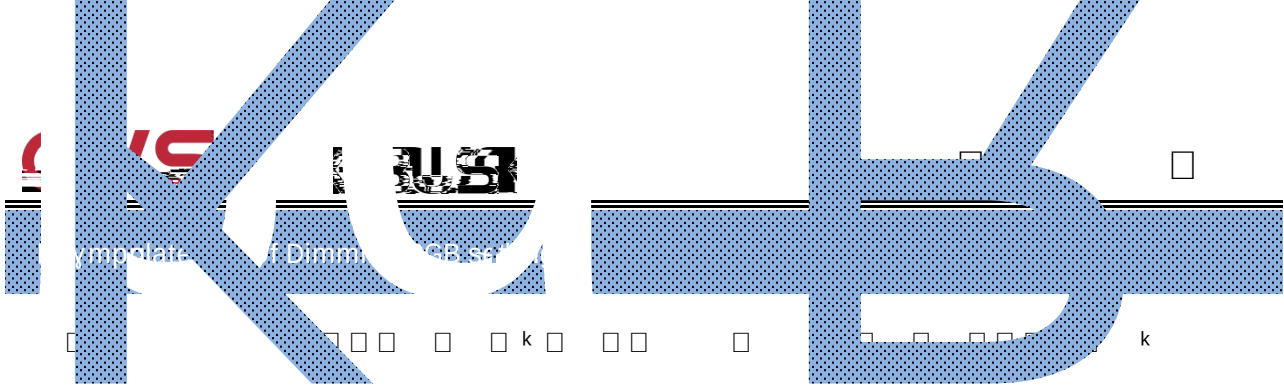
Dimming CCT ☐

Dimming RGBW ☐

DMX ☐



Template set)x



☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k

☐ ☐ k



4.3.1. ☐ ☐ ☐ “Universe x map setting”

Map function for DMX devices ☒

#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.
1	0	2	0	3	0	4	0	5	0	6	0	7	0	8	0	9	0
17	0	18	0	19	0	20	0	21	0	22	0	23	0	24	0	25	0
33	0	34	0	35	0	36	0	37	0	38	0	39	0	40	0	41	0
49	0	50	0	51	0	52	0	53	0	54	0	55	0	56	0	57	0
65	0	66	0	67	0	68	0	69	0	70	0	71	0	72	0	73	0
81	0	82	0	83	0	84	0	85	0	86	0	87	0	88	0	89	0
97	0	98	0	99	0	100	0	101	0	102	0	103	0	104	0	105	0
113	0	114	0	115	0	116	0	117	0	118	0	119	0	120	0	121	0
129	0	130	0	131	0	132	0	133	0	134	0	135	0	136	0	137	0
147	0	148	0	149	0	150	0	151	0	152	0	153	0	154	0	155	0
163	0	164	0	165	0	166	0	167	0	168	0	169	0	170	0	171	0
179	0	180	0	181	0	182	0	183	0	184	0	185	0	186	0	187	0
195	0	196	0	197	0	198	0	199	0	200	0	201	0	202	0	203	0
211	0	212	0	213	0	214	0	215	0	216	0	217	0	218	0	219	0
227	0	228	0	229	0	230	0	231	0	232	0	233	0	234	0	235	0
243	0	244	0	245	0	246	0	247	0	248	0	249	0	250	0	251	0
257	0	258	0	259	0	260	0	261	0	262	0	263	0	264	0	265	0
271	0	272	0	273	0	274	0	275	0	276	0	277	0	278	0	279	0
287	0	288	0	289	0	290	0	291	0	292	0	293	0	294	0	295	0
297	0	298	0	299	0	300	0	301	0	302	0	303	0	304	0	305	0
311	0	312	0	313	0	314	0	315	0	316	0	317	0	318	0	319	0
327	0	328	0	329	0	330	0	331	0	332	0	333	0	334	0	335	0
343	0	344	0	345	0	346	0	347	0	348	0	349	0	350	0	351	0
357	0	358	0	359	0	360	0	361	0	362	0	363	0	364	0	365	0
371	0	372	0	373	0	374	0	375	0	376	0	377	0	378	0	379	0
387	0	388	0	389	0	390	0	391	0	392	0	393	0	394	0	395	0
397	0	398	0	399	0	400	0	401	0	402	0	403	0	404	0	405	0
411	0	412	0	413	0	414	0	415	0	416	0	417	0	418	0	419	0
427	0	428	0	429	0	430	0	431	0	432	0	433	0	434	0	435	0
443	0	444	0	445	0	446	0	447	0	448	0	449	0	450	0	451	0
457	0	458	0	459	0	460	0	461	0	462	0	463	0	464	0	465	0
471	0	472	0	473	0	474	0	475	0	476	0	477	0	478	0	479	0
487	0	488	0	489	0	490	0	491	0	492	0	493	0	494	0	495	0
497	0	498	0	499	0	500	0	501	0	502	0	503	0	504	0	505	0
511	0	512	0	513	0	514	0	515	0	516	0	517	0	518	0	519	0
527	0	528	0	529	0	530	0	531	0	532	0	533	0	534	0	535	0
543	0	544	0	545	0	546	0	547	0	548	0	549	0	550	0	551	0
557	0	558	0	559	0	560	0	561	0	562	0	563	0	564	0	565	0
571	0	572	0	573	0	574	0	575	0	576	0	577	0	578	0	579	0
587	0	588	0	589	0	590	0	591	0	592	0	593	0	594	0	595	0
597	0	598	0	599	0	600	0	601	0	602	0	603	0	604	0	605	0
611	0	612	0	613	0	614	0	615	0	616	0	617	0	618	0	619	0
627	0	628	0	629	0	630	0	631	0	632	0	633	0	634	0	635	0
643	0	644	0	645	0	646	0	647	0	648	0	649	0	650	0	651	0
657	0	658	0	659	0	660	0	661	0	662	0	663	0	664	0	665	0
671	0	672	0	673	0	674	0	675	0	676	0	677	0	678	0	679	0
687	0	688	0	689	0	690	0	691	0	692	0	693	0	694	0	695	0
697	0	698	0	699	0	700	0	701	0	702	0	703	0	704	0	705	0
711	0	712	0	713	0	714	0	715	0	716	0	717	0	718	0	719	0
727	0	728	0	729	0	730	0	731	0	732	0	733	0	734	0	735	0
743	0	744	0	745	0	746	0	747	0	748	0	749	0	750	0	751	0
757	0	758	0	759	0	760	0	761	0	762	0	763	0	764	0	765	0
771	0	772	0	773	0	774	0	775	0	776	0	777	0	778	0	779	0
787	0	788	0	789	0	790	0	791	0	792	0	793	0	794	0	795	0
797	0	798	0	799	0	800	0	801	0	802	0	803	0	804	0	805	0
811	0	812	0	813	0	814	0	815	0	816	0	817	0	818	0	819	0
827	0	828	0	829	0	830	0	831	0	832	0	833	0	834	0	835	0
843	0	844	0	845	0	846	0	847	0	848	0	849	0	850	0	851	0
857	0	858	0	859	0	860	0	861	0	862	0	863	0	864	0	865	0
871	0	872	0	873	0	874	0	875	0	876	0	877	0	878	0	879	0
887	0	888	0	889	0	890	0	891	0	892	0	893	0	894	0	895	0
897	0	898	0	899	0	900	0	901	0	902	0	903	0	904	0	905	0
911	0	912	0	913	0	914	0	915	0	916	0	917	0	918	0	919	0
927	0	928	0	929	0	930	0	931	0	932	0	933	0	934	0	935	0
943	0	944	0	945	0	946	0	947	0	948	0	949	0	950	0	951	0
957	0	958	0	959	0	960	0	961	0	962	0	963	0	964	0	965	0
971	0	972	0	973	0	974	0	975	0	976	0	977	0	978	0	979	0
987	0	988	0	989	0	990	0	991	0	992	0	993	0	994	0	995	0
997	0	998	0	999	0	1000	0	1001	0	1002	0	1003	0	1004	0	1005	0

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4.4. □ □ □ □ “Dimming Single setting”

□ □ □ □ □ □ □ □ □ □ □ □ k

Description

General Dimming time
(from min. to max.) s

Minimum brightness value





□ □ □ □

□ “Description”



□ "Switch obj. =1"

□ □ □ □ □ □ □ k □ □

Preset brightness value □

Last brightness value □ □ □ □ □

□ □ □ □ □ k

’ ’ □ "Preset brightness value"

□ □ □ □ □ k □ □ □ k □ □ 1...100 %

□ "Switch obj. =0"

□ □ □ □ □ □ □ k □ □

To be the minimum brightness value □ □

Switching off

□ "Dimming mode selection for switching on"

□ □ □ □ □ □ □ k □ □

Jumping

Dimming

□ □ □ □ □ □ k

□ □ □ □ □ □ □ □ □ □ □ k

□ "Dimming"



Dimming



k



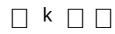
k

☐ Switch off via relative dimming darker"



” ”

□ “Preset brightness value”



1...100 %

□ “Behavior after bus failure”



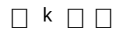
Preset brightness value

Unchange



” ”

□ “Preset brightness value”



0...100 %

□ “Behavior after bus recovery”



Preset brightness value

Brightness before bus failure



” ”

□ “Preset brightness value”



0...100 %

4.5. ☐ ☐ ☐ ☐ “Dimming CCT setting”

□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ k

Description

General Dimming time
(from min. to max.)

2 s

Minimum brightness value

1

Maximum brightness value

100

Minimum colour temperature control
K

2700

Switch off via brightness dimming 0%

☐ To be 0%



Reset brightness value:

50

100

researcher's interest: value

50

10

□ □ □ □ □ □ □ □ □

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□ □ □ □ □ □ □ □ k □ □ □ □ □ □ □ □

☐ ☐ ☐ k

☐ ☐ ☐ ☐ ☐ 1...49 % ☐ ☐ ☐ ☐ ☐ 50...100 %

□ "General colour temperature control time (from min. to max.)"

□ □ □ □ □ □ □ □ □ □ □ □ □ k □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □

$\square$ $\square \square$ $\square \square \square$ $\square$ $\square \square \square \square \square$ k

☐ 2...255 s

$\square \quad \square \quad \square \square \square \square \square \square \square \quad \square \square \square \quad \square \square \square \square \square \square \square \square \square \square$ k

- “Minimum colour temperature control”

- “Maximum colour temperature control”

□ □ □ □ □ □ □ □ □ k

□ □ □ □ □ □ □ □ □ □ k □ □ □ □ □ □ □ □ □

☐ ☐ ☐ k ☐ ☐ 2000...7000K

□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ k

$\square \quad \square \quad \square \square \square \quad \square \quad \square \square \square \square \square \square \square \square \square \square \quad \square \quad \square \square \quad \square \quad \square \quad \square \quad \square^k \quad \square \quad \square$

2000...7000K

□ □ □ Minimum Physical Colour Temperature □ Minimum Colour Temperature □

light output colour temperature ☐ Maximum Colour Temperature ☐ Maximum Physical Colour



Temperature ^k ETS ☐ ☐ ☐ ^k

Minimum colour temperature control ^K

Maximum colour temperature control ^K

Minimum physical colour (spec. of warm white) ^K (refer to the technical white)

Maximum physical colour (spec. of cool white) ^K (refer to the technical white)

☐ "Object datatype of 1byte brightness"

☐ ☐ ☐ ☐ ^k

☐ ☐ ^d ☐ ☐ ☐ ☐ ^k

☐ ☐

0~100 (DPT_5.001)

0~255 (DPT_5.004)

☐ "Switch obj.=1"

☐ ☐ ☐ ☐ ^k ☐

Preset value ☐

Last value ☐ ☐ ☐ ☐

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

☐ ☐ ^k

☐ "Preset brightness value"

☐ ☐ ☐ ☐ ^k ☐ ^k ☐ 1...100 %



” ”

☐ “Preset colour temperature value”

☐ k k ☐ 2000...7000K

☐ “Switch obj.=0”

☐ k ☐

To be the minimum value ☐ ☐

Switching off

☐ “Dimming mode selection for switching on”

☐ k ☐

Jumping

Dimming

☐ k

☐ k

☐ “Dimming mode selection for switching off”

☐ k ☐

Jumping

Dimming

☐ k

☐ k

☐ “Dimming mode selection for absolute colour temperature”

☐ k ☐



Jumping

Dimming

☐ ☐ ☐ ☐ ☐ ☐ ☐ k

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k

☐ "Switch off via relative dimming darker"

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐

To be the minimum brightness value

To be 0%

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k

☐ ☐ ☐ ☐ ☐ ☐ ☐ k

☐ "Switch off via brightness dimming 0%"

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐

To be the minimum brightness value

To be 0%

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k

☐ ☐ ☐ ☐ ☐ ☐ ☐ k

☐ "Behavior after download"

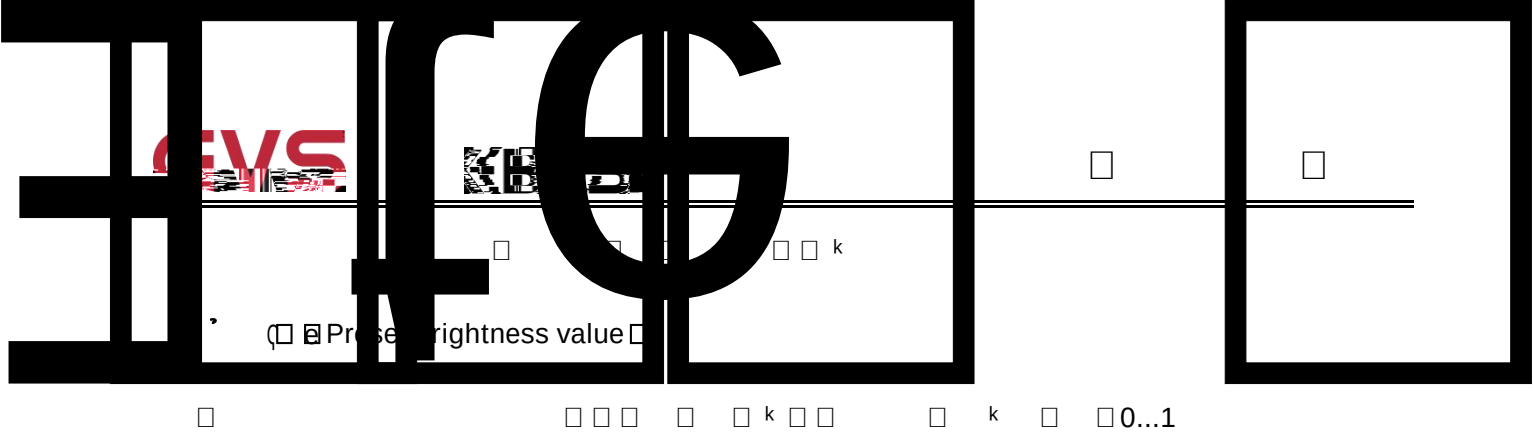
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐

Preset brightness value

Switching off

☐ ☐ ☐ ☐ ☐ k





4.6. □ □ □ □ “Dimming RGB setting”

□ □ □ □ □ □ □ □ □ □ □ □ k

Description

General Dimming time (from min. to max.)

2 s

	KNX value	Output value -R	Output value -G	Output value -B
Minimum brightness	1	1	1	1
Maximum brightness	255	255	255	255

Object datatype of 1byte brightness

0~100 (DPT_5.001)

0~255 (DPT_5.002)

RGB control type

Combined control

Individual control

Switch obj = 1

Preset colour value

Last colour value

Preset colour value

FFFFFF

Switch obj = 0

To be the minimum colour value

Switch

Dimming mode selection for switching on

Jumping

Dimming

Dimming mode selection for switching off

Jumping

Dimming

Switch off via relative dimming darker

To be the minimum

Switch off via brightness dimming 0%

To be the minimum

To be 0%



-- ☐ ☐ Minimum brightness value-R (0.4%~49.9%) ☐

-- ☐ ☐ Minimum brightness value-G (0.4%~49.9%) ☐

-- ☐ ☐ Minimum brightness value-B (0.4%~49.9%) ☐

-- ☐ ☐ Maximum brightness value-R (50.2%~100%) ☐

-- ☐ ☐ Maximum brightness value-G (50.2%~100%) ☐

-- ☐ ☐ Maximum brightness value-B (50.2%~100%) ☐

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

☐ ☐ k ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k

☐ ☐ ☐ 1...49/1...127 ☐ ☐ ☐ ☐ "Object datatype of 1byte brightness" ☐ ☐ ☐ ☐

☐ ☐ ☐ 50...100/128...255 ☐ ☐ ☐ ☐ "Object datatype of 1byte brightness" ☐ ☐ ☐ ☐

☐ "Object datatype of 1byte brightness"

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k

☐ ☐ d ☐ ☐ ☐ ☐ ☐ ☐ k

☐ ☐

0~100 (DPT_5.001)

0~255 (DPT_5.004)

☐ "RGB control type"

☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐

Combined control ☐ ☐ ☐ 1x3byte ☐

Individual control ☐ ☐ ☐ ☐ 3x1byte ☐

☐

- “Switch obj.=1”

□ □ □ □ □ □ □ □ k □ □

Preset value ☐

1

Last value ☐ ☐ ☐ RGB

11

☐ RGB☐ RGB

☐ ☐ ☐ ☐ ☐ ☐ ☐ k

”

□ “Preset colour value”

□ □ □ □ □ k □ □ □ k □ □ #000000...#FFFFFF

- "Switch obj.=0"

□ □ □ □ □ □ □ □ k □ □

To be the minimum value ☐ ☐

1

1

Switching off

□ “Dimming mode selection for switching on”

□ □ □ □ □ □ □ □ □ k □ □

Jumping

Dimming

□ □ □ □ □ □ □ □ k

□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ k

□ "Dimming mode selection for switching off"

□ □ □ □ □ k □ □



Dimming



M

4.7. □ □ □ □ “Scene setting”

4.7.1. □ □ □ □ “Dimming single”

Scenes	Description	Scene NO.	Brightness value	Dimming time	Delay time
Scene 1		1	50 %	4 s	0 s
Scene 2		2	50 %	4 s	0 s
Scene 3		3	50 %	4 s	0 s
Scene 4		4	50 %	4 s	0 s
Scene 5		5	50 %	4 s	0 s
Scene 6		6	50 %	4 s	0 s
Scene 7		7	50 %	4 s	0 s
Scene 8		8	50 %	4 s	0 s
Scene 9		9	50 %	4 s	0 s
Scene 10		10	50 %	4 s	0 s
Scene 11		11	50 %	4 s	0 s
Scene 12		12	50 %	4 s	0 s
Scene 13		13	50 %	4 s	0 s
Scene 14		14	50 %	4 s	0 s
Scene 15		15	50 %	4 s	0 s
Scene 16		16	50 %	4 s	0 s

□ □ □ □

Scene x □ x=1~16 □

□ “Description”

□ □ □ □ □ □ ± □ □ □ □ □

□ k

□ “Scene NO.”

□ □ □ □ □ □ □ k □ □ □ □ k □ □ 0...64

☐ ☐☐ ☐ ☐☐☐ ! ☐ ☐☐ ! ☐☐☐☐ ☐☐☐ ☐☐

Scenes	Description	Scene NO.	Brightness value	Dimming time	Delay time
Scene 1		0	NA	NA	NA

☐ ☐☐ ☐☐ ☐☐☐ ☐☐ ☐ ☐☐☐ ☐☐ ☐

□ □ □ □ □ □ □ □ □ □ □ □ □



Exist multiple scene NO. assignment conflict, the valid scene NO. can't be the same, please correct, otherwise only the first one of those conflict scene is valid and others will be ignored

- "Brightness value"

☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐ 0...100 %

- “Dimming time”

☐ ☐☐☐ ☐☐☐ ☐☐ k ☐ ☐ 2...255 s

- “Delay time”

☐ ☐☐☐☐ ☐☐ ☐☐☐ k ☐ ☐0...255 s

4.7.2. ☐ ☐ ☐ ☐ “Dimming CCT”

Scenes	Description	Scene NO.	Brightness control	Brightness value	Brightness %	Colour control	Colour temp.	Dimming time	Delay time
Scene 1		1	☒	50	%	☒	2700 K	4 s	0 s
Scene 2		2	☒	50	%	☒	2700 K	4 s	0 s
Scene 3		3	☒	50	%	☒	2700 K	4 s	0 s
Scene 4		4	☒	50	%	☒	2700 K	4 s	0 s
Scene 5		5	☒	50	%	☒	2700 K	4 s	0 s
Scene 6		6	☒	50	%	☒	2700 K	4 s	0 s
Scene 7		7	☒	50	%	☒	2700 K	4 s	0 s
Scene 8		8	☒	50	%	☒	2700 K	4 s	0 s
Scene 9		9	☒	50	%	☒	2700 K	4 s	0 s
Scene 10		10	☒	50	%	☒	2700 K	4 s	0 s
Scene 11		11	☒	50	%	☒	2700 K	4 s	0 s
Scene 12		12	☒	50	%	☒	2700 K	4 s	0 s
Scene 13		13	☒	50	%	☒	2700 K	4 s	0 s
Scene 14		14	☒	50	%	☒	2700 K	4 s	0 s

□ □ □ □

Scene x □ x=1~16 □

- “Description”

$$\square \quad \square \square \square \quad \square \square \quad \pm \quad \square \square \square \square \quad \square \text{ k}$$

□ "Scene NO."

□ □ □ □ □ □ □ k □ □ □ □ k □ □ 0...64



Exist multiple scene NO. assignment conflict, the valid scene NO. can't be the same, please correct, otherwise only the first one of those conflict scene is valid and others will be ignored

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐ **2.11255 s**



4.7.3.



Scene NO.

0000 k 0 k 0...64

000 ! 00 ! 0000 000 00

Scenes	Description	Scene NO.	RGB	Dimming time	Delay time
Scene 1		0	NA	NA	NA

00 00 00 000 00 0 00 00 00 0

000 0 0 0 00 0 000 0



Exist multiple scene NO. assignment conflict, the valid scene NO. can't be the same, please correct, otherwise only the first one of those conflict scene is valid and others will be ignored

RGB value

000 00 k 0 #000000#FFFFFF

Dimming time

000 000 00 k 0 2...255 s

Delay time

0000 00 000 k 0 0...255 s

4.8. □ □ □ □ “Staircase lighting”

Staircase lightings	Description	Duration time	Brightness value
Staircase lighting 1		00:02:00 hh:mm:ss	20 %
Staircase lighting 2		00:02:00 hh:mm:ss	20 %
Staircase lighting 3		00:02:00 hh:mm:ss	20 %
Staircase lighting 4		00:02:00 hh:mm:ss	20 %
Staircase lighting 5		00:02:00 hh:mm:ss	20 %

□ □ □ □

Staircase lighting X □ X=1~16 □

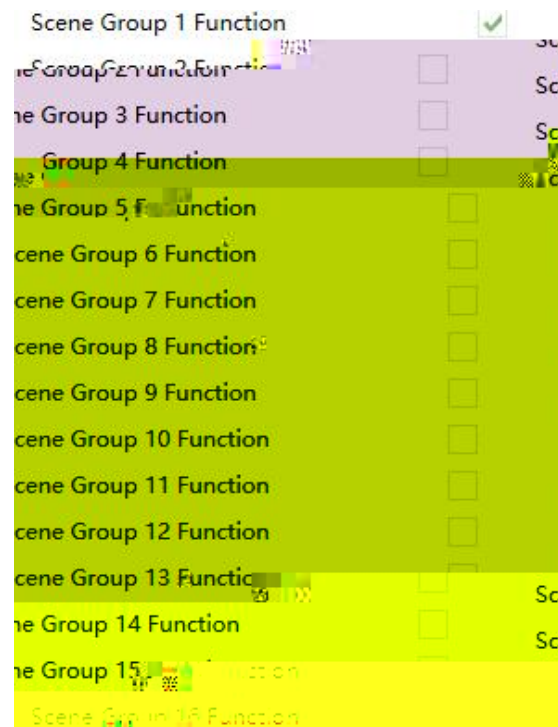
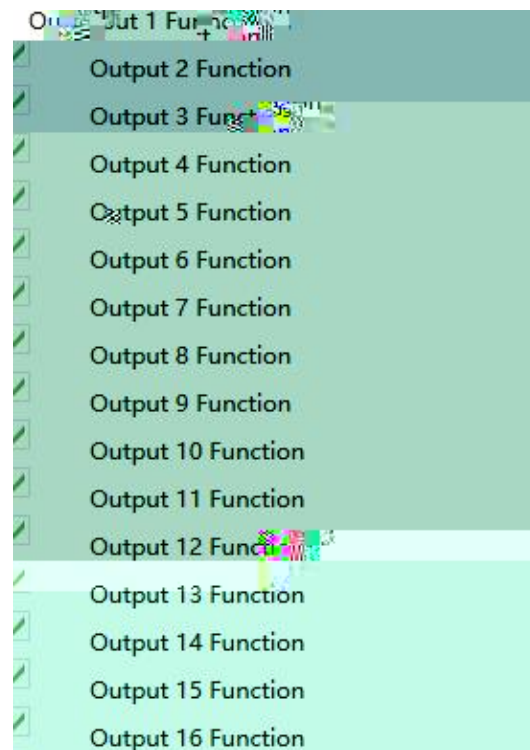
□ “Description”

□ □ □ □ □ □ □ □ ± □ □ □ □



□ DMX □ □ □ □ □ □ □ □ □ □ “Minimum brightness value=30%” □ “Ssxf

4.9. □ □ □ □ “Scene group function”





Description for Output 1 function

DIM type of Output 1

DIM Single

1->Output 1 trigger scene (NO.1s
1~64.0=inactive)

0

Brightness value of Output 1

127

Delay time for sending [0, 255]

0

10.1s

2->Output 1 trigger scene (NO.1s
1~64.0=inactive)

0

Brightness value of Output 1

127

Delay time for sending [0, 255]

0

□ □ □ □

□ "Scene Group x Function" (x=1~16)

□ □ □ □ □ □ □ □ □ □ □ □



□ □ □ □ □ $\hat{U}$ □ □ □ k □ □ 0..255*0.1s



5.2.□□ □“Universe A/B/C/D”

Number	Name	Object Function	Description	Grown Address	Length	C	R	W	T	U	Data Type	Display
4	2	Universe A CH TC	Sw 7020 TC	00000000	0000	0	0	0	0	0	Boolean	

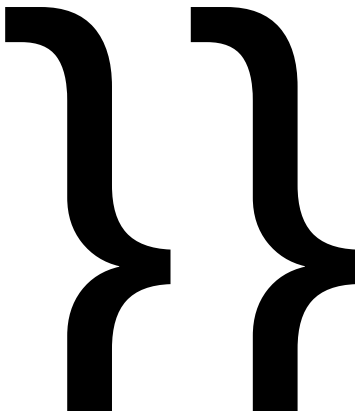
Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	Data Type	Priority
2	Universe A CH7-2	CH7-2	CH7-2	4000	1					Boolean	1
3	Universe A CH7-3	CH7-3	CH7-3	4001	1					Boolean	1
4	Universe A CH7-4	CH7-4	CH7-4	4002	1					Boolean	1
5	Universe A CH7-5	CH7-5	CH7-5	4003	1					Boolean	1
6	Universe A CH7-6	CH7-6	CH7-6	4004	1					Boolean	1
7	Universe A CH7-7	CH7-7	CH7-7	4005	1					Boolean	1
8	Universe A CH7-8	CH7-8	CH7-8	4006	1					Boolean	1
9	Universe A CH7-9	CH7-9	CH7-9	4007	1					Boolean	1
10	Universe A CH7-10	CH7-10	CH7-10	4008	1					Boolean	1
11	Universe A CH7-11	CH7-11	CH7-11	4009	1					Boolean	1
12	Universe A CH7-12	CH7-12	CH7-12	4010	1					Boolean	1
13	Universe A CH7-13	CH7-13	CH7-13	4011	1					Boolean	1
14	Universe A CH7-14	CH7-14	CH7-14	4012	1					Boolean	1
15	Universe A CH7-15	CH7-15	CH7-15	4013	1					Boolean	1
16	Universe A CH7-16	CH7-16	CH7-16	4014	1					Boolean	1
17	Universe A CH7-17	CH7-17	CH7-17	4015	1					Boolean	1
18	Universe A CH7-18	CH7-18	CH7-18	4016	1					Boolean	1
19	Universe A CH7-19	CH7-19	CH7-19	4017	1					Boolean	1
20	Universe A CH7-20	CH7-20	CH7-20	4018	1					Boolean	1
21	Universe A CH7-21	CH7-21	CH7-21	4019	1					Boolean	1
22	Universe A CH7-22	CH7-22	CH7-22	4020	1					Boolean	1
23	Universe A CH7-23	CH7-23	CH7-23	4021	1					Boolean	1
24	Universe A CH7-24	CH7-24	CH7-24	4022	1					Boolean	1
25	Universe A CH7-25	CH7-25	CH7-25	4023	1					Boolean	1
26	Universe A CH7-26	CH7-26	CH7-26	4024	1					Boolean	1
27	Universe A CH7-27	CH7-27	CH7-27	4025	1					Boolean	1
28	Universe A CH7-28	CH7-28	CH7-28	4026	1					Boolean	1
29	Universe A CH7-29	CH7-29	CH7-29	4027	1					Boolean	1
30	Universe A CH7-30	CH7-30	CH7-30	4028	1					Boolean	1
31	Universe A CH7-31	CH7-31	CH7-31	4029	1					Boolean	1
32	Universe A CH7-32	CH7-32	CH7-32	4030	1					Boolean	1
33	Universe A CH7-33	CH7-33	CH7-33	4031	1					Boolean	1
34	Universe A CH7-34	CH7-34	CH7-34	4032	1					Boolean	1
35	Universe A CH7-35	CH7-35	CH7-35	4033	1					Boolean	1
36	Universe A CH7-36	CH7-36	CH7-36	4034	1					Boolean	1
37	Universe A CH7-37	CH7-37	CH7-37	4035	1					Boolean	1
38	Universe A CH7-38	CH7-38	CH7-38	4036	1					Boolean	1
39	Universe A CH7-39	CH7-39	CH7-39	4037	1					Boolean	1
40	Universe A CH7-40	CH7-40	CH7-40	4038	1					Boolean	1
41	Universe A CH7-41	CH7-41	CH7-41	4039	1					Boolean	1
42	Universe A CH7-42	CH7-42	CH7-42	4040	1					Boolean	1
43	Universe A CH7-43	CH7-43	CH7-43	4041	1					Boolean	1
44	Universe A CH7-44	CH7-44	CH7-44	4042	1					Boolean	1
45	Universe A CH7-45	CH7-45	CH7-45	4043	1					Boolean	1
46	Universe A CH7-46	CH7-46	CH7-46	4044	1					Boolean	1
47	Universe A CH7-47	CH7-47	CH7-47	4045	1					Boolean	1
48	Universe A CH7-48	CH7-48	CH7-48	4046	1					Boolean	1
49	Universe A CH7-49	CH7-49	CH7-49	4047	1					Boolean	1
50	Universe A CH7-50	CH7-50	CH7-50	4048	1					Boolean	1
51	Universe A CH7-51	CH7-51	CH7-51	4049	1					Boolean	1
52	Universe A CH7-52	CH7-52	CH7-52	4050	1					Boolean	1
53	Universe A CH7-53	CH7-53	CH7-53	4051	1					Boolean	1
54	Universe A CH7-54	CH7-54	CH7-54	4052	1					Boolean	1
55	Universe A CH7-55	CH7-55	CH7-55	4053	1					Boolean	1
56	Universe A CH7-56	CH7-56	CH7-56	4054	1					Boolean	1
57	Universe A CH7-57	CH7-57	CH7-57	4055	1					Boolean	1
58	Universe A CH7-58	CH7-58	CH7-58	4056	1					Boolean	1
59	Universe A CH7-59	CH7-59	CH7-59	4057	1					Boolean	1
60	Universe A CH7-60	CH7-60	CH7-60	4058	1					Boolean	1
61	Universe A CH7-61	CH7-61	CH7-61	4059	1					Boolean	1
62	Universe A CH7-62	CH7-62	CH7-62	4060	1					Boolean	1
63	Universe A CH7-63	CH7-63	CH7-63	4061	1					Boolean	1
64	Universe A CH7-64	CH7-64	CH7-64	4062	1					Boolean	1
65	Universe A CH7-65	CH7-65	CH7-65	4063	1					Boolean	1
66	Universe A CH7-66	CH7-66	CH7-66	4064	1					Boolean	1
67	Universe A CH7-67	CH7-67	CH7-67	4065	1					Boolean	1
68	Universe A CH7-68	CH7-68	CH7-68	4066	1					Boolean	1
69	Universe A CH7-69	CH7-69	CH7-69	4067	1					Boolean	1
70	Universe A CH7-70	CH7-70	CH7-70	4068	1					Boolean	1
71	Universe A CH7-71	CH7-71	CH7-71	4069	1					Boolean	1
72	Universe A CH7-72	CH7-72	CH7-72	4070	1					Boolean	1
73	Universe A CH7-73	CH7-73	CH7-73	4071	1					Boolean	1
74	Universe A CH7-74	CH7-74	CH7-74	4072	1					Boolean	1
75	Universe A CH7-75	CH7-75	CH7-75	4073	1					Boolean	1
76	Universe A CH7-76	CH7-76	CH7-76	4074	1					Boolean	1
77	Universe A CH7-77	CH7-77	CH7-77	4075	1					Boolean	1
78	Universe A CH7-78	CH7-78	CH7-78	4076	1					Boolean	1
79	Universe A CH7-79	CH7-79	CH7-79	4077	1					Boolean	1
80	Universe A CH7-80	CH7-80	CH7-80	4078	1					Boolean	1
81	Universe A CH7-81	CH7-81	CH7-81	4079	1					Boolean	1
82	Universe A CH7-82	CH7-82	CH7-82	4080	1					Boolean	1
83	Universe A CH7-83	CH7-83	CH7-83	4081	1					Boolean	1
84	Universe A CH7-84	CH7-84	CH7-84	4082	1					Boolean	1
85	Universe A CH7-85	CH7-85	CH7-85	4083	1					Boolean	1
86	Universe A CH7-86	CH7-86	CH7-86	4084	1					Boolean	1
87	Universe A CH7-87	CH7-87	CH7-87	4085	1					Boolean	1
88	Universe A CH7-88	CH7-88	CH7-88	4086	1					Boolean	1
89	Universe A CH7-89	CH7-89	CH7-89	4087	1					Boolean	1
90	Universe A CH7-90	CH7-90	CH7-90	4088	1					Boolean	1
91	Universe A CH7-91	CH7-91	CH7-91	4089	1					Boolean	1
92	Universe A CH7-92	CH7-92	CH7-92	4090	1					Boolean	1
93	Universe A CH7-93	CH7-93	CH7-93	4091	1					Boolean	1
94	Universe A CH7-94	CH7-94	CH7-94	4092	1					Boolean	1
95	Universe A CH7-95	CH7-95	CH7-95	4093	1					Boolean	1
96	Universe A CH7-96	CH7-96	CH7-96	4094	1					Boolean	1
97	Universe A CH7-97	CH7-97	CH7-97	4095	1					Boolean	1
98	Universe A CH7-98	CH7-98	CH7-98	4096	1					Boolean	1
99	Universe A CH7-99	CH7-99	CH7-99	4097	1					Boolean	1
100	Universe A CH7-100	CH7-100	CH7-100	4098	1					Boolean	1
101	Universe A CH7-101	CH7-101	CH7-101	4099	1					Boolean	1
102	Universe A CH7-102	CH7-102	CH7-102	4100	1					Boolean	1
103	Universe A CH7-103	CH7-103	CH7-103	4101	1					Boolean	1
104	Universe A CH7-104	CH7-104	CH7-104	4102	1					Boolean	1
105	Universe A CH7-105	CH7-105	CH7-105	4103	1					Boolean	1
106	Universe A CH7-106	CH7-106	CH7-106	4104	1					Boolean	1
107	Universe A CH7-107	CH7-107	CH7-107	4105	1					Boolean	1
108	Universe A CH7-108	CH7-108	CH7-108	4106	1					Boolean	1
109	Universe A CH7-109	CH7-109	CH7-109	4107	1					Boolean	1
110	Universe A CH7-110	CH7-110	CH7-110	4108	1					Boolean	1
111	Universe A CH7-111	CH7-111	CH7-111	4109	1					Boolean	1
112	Universe A CH7-112	CH7-112	CH7-112	4110	1					Boolean	1
113	Universe A CH7-113	CH7-113	CH7-113	4111	1					Boolean	1
114	Universe A CH7-114	CH7-114	CH7-114	4112	1					Boolean	1
115	Universe A CH7-115	CH7-115	CH7-115	4113	1					Boolean	1
116	Universe A CH7-116	CH7-116	CH7-116	4114	1					Boolean	1
117	Universe A CH7-117	CH7-117	CH7-117	4115	1					Boolean	1
118	Universe A CH7-118	CH7-118	CH7-118	4116	1					Boolean	1
119	Universe A CH7-119	CH7-119	CH7-119	4117	1					Boolean	1
120	Universe A CH7-120	CH7-120	CH7-120	4118	1					Boolean	1
121	Universe A CH7-121	CH7-121	CH7-121	4119	1					Boolean	1
122	Universe A CH7-122	CH7-122	CH7-122	4120	1					Boolean	1
123	Universe A CH7-123	CH7-123	CH7-123	4121	1					Boolean	1
124	Universe A CH7-124	CH7-124	CH7-124	4122	1					Boolean	1
125	Universe A CH7-125	CH7-125	CH7-125	4123	1					Boolean	1
126	Universe A CH7-126	CH7-126	CH7-126	4124	1					Boolean	1
127	Universe A CH7-127	CH7-127	CH7-127	4125	1					Boolean	1
128	Universe A CH7-128	CH7-128	CH7-128	4126	1					Boolean	1
129	Universe A CH7-129	CH7-129	CH7-129	4127	1					Boolean	1
130	Universe A CH7-130	CH7-130	CH7-130	4128	1					Boolean	1
131	Universe A CH7-131	CH7-131	CH7-131	4129	1					Boolean	1
132	Universe A CH7-132	CH7-132	CH7-132	4130	1					Boolean	1
133	Universe A CH7-133	CH7-133	CH7-133	4131	1					Boolean	1
134	Universe A CH7-134	CH7-134	CH7-134	4132	1					Boolean	1
135	Universe A CH7-135	CH7-135	CH7-135	4133	1					Boolean	1
136	Universe A CH7-136	CH7-136	CH7-136	4134	1					Boolean	1
137	Universe A CH7-137	CH7-137	CH7-137	4135	1					Boolean	1
138	Universe A CH7-138	CH7-138	CH7-138	4136	1					Boolean	1
139	Universe A CH7-139	CH7-139	CH7-139	4137	1					Boolean	1
140	Universe A CH7-140	CH7-140	CH7-140	4138	1					Boolean	1
141	Universe A CH7-141	CH7-141	CH7-141	4139	1					Boolean	

Number	Name	Object ID	Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
2	Universe A CH 1~3...	0x00000000	Switch		1 bit	C	-	-	W	-	-	switch	Low
4	Universe A CH 1~3...	0x00000001	RGB dimming value		3 bytes	C	-	-	W	-	-	RGB value 3x(0..255)	Low
5	Universe A CH 1~3...	0x00000002	Switching, status		1 bit	C	R	-	-	T	-	switch	Low
6	Universe A CH 1~3...	0x00000003	RGB Brightness value, stat...		3 bytes	C	R	-	-	T	-	RGB value 3x(0..255)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	Data Type	Prio.
7	[Name]	[Function]	[Description]	[Address]	[Length]	[C]	[R]	[W]	[T]	[Data Type]	[Prio.]

□ □ □

□	□ □	±	□		
2	Switching	Universe A CH-{{...}}	1bit	C,W	1.001 switch
<p> d □ □ □ □ □ □ □ □ k □ □ , , □ </p>					





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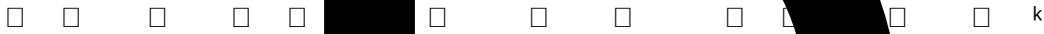
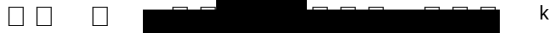
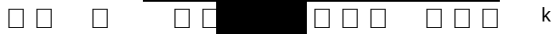
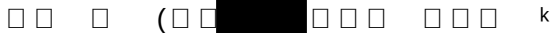
Relative colour temper¥ ¥ ¥ §

Gö4â



3x(0...255)

d □ □ □ □ □



13/ R Absolute dimming

14/ G Absolute dimming

15 B Absolute dimming

OK, ¿Dónde?

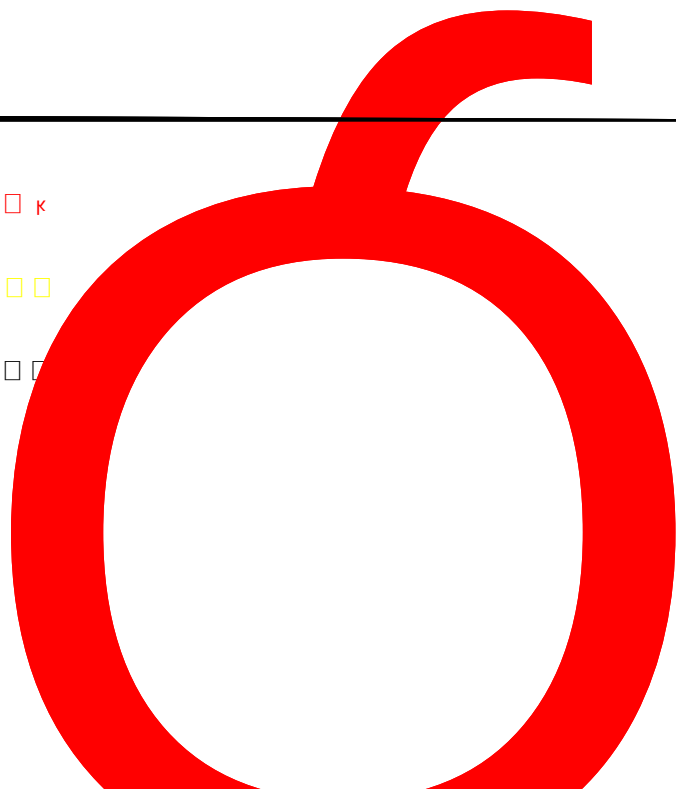
B

e

В



2





5.3. “Scene setting”



□ □ □

□	□ □	±	□		
1602	Scene	Dimming single-{{...}}	1byte	C,W	17.001 scene number
<div>⌵ □ □ □ □ □ □ □ □ k</div> <div>□ ± □ □ □ □ □ □ □ □ □ □</div> <div>k</div>					
1618	Scene	Dimming CCT-{{...}}	1byte	C,W	17.001 scene number
<div>⌵ □ □ □ □ □ □ □ □ k</div>					
1634	Scene	Dimming RGB-{{...}}	1byte	C,W	17.001 scene number
<div>⌵ □ □ □ □ □ □ □ □ k</div>					

□ □ □



5.4. □ □ □ S ij

