

## Parameters:

Designation	Explanation	Range	Standard value
<b>Global Parameters</b>			
Operation Mode	How many channels are needed.	1 Channel, 2 Channel, 4 Channel, RGB(W), 1 Channel Tunable White 2 Channel Tunable White Mixed Mode	4 Channel
Dimming Characteristic	Dimming Characteristic.	Linear, Log 100, Log 1000	Log 100
Camera Flicker Mode	Frequency of the PWM signal.	130 Hz 488 Hz	488 Hz
Global Sequence Fade Time [100ms] (Only at RGB(W))	Global fade time for sequences. (Used value multiplied by 100ms)	0 up to 65535	10 (1s)
Global Sequence Rest Time [100ms] (Only at RGB(W))	Global rest time for sequences. (Used value multiplied by 100ms)	0 up to 65535	10 (1s)
Enable Diagnostic Objects	Use diagnostic objects. (Overload Detection; Load Failure Detection; Device Temperature)	Enable, Disable	Disable
Use Relais	Activate or deactivate relays-function. (Only at DIN-Rail version 66000384)	False, True	True
<b>Feedback Configuration</b>			
<b>General Feedback Configuration</b>			
Power Up Message Delay Start	The delay time for starting the feedback after the power is turned on. (Used value multiplied by 10ms)	1 up to 65535	100
Power Up Message Delay Difference	The delay time between two channels for sending feedback. (Used value multiplied by 10ms)	1 up to 255	10
Maximum Transmission Rate	Here you can define the maximum transmission rate. A new status can only resend after this time. (Used value multiplied by 10ms)	1 up to 65535	50
<b>ADV Configuration</b>			
Delta Dimming Value	Here you can define the minimal delta value for sending a new status. (e.g. a new status can only resend after a value changing of 5%)	No ADV or 5 up to 25%	No ADV
<b>Temperature Configuration (Only at Enable Diagnostic Objects)</b>			
Feedback Temperature Transmit Mode	Here you can define whether the temperature of the unit is transferred automatically. (manual query are always possible) (minimum possible temperature is 67°C)	Automatic send: active not active	Automatic send not active
<b>Channel 1, Channel 2, Channel 3, Channel 4 and Master Parameter</b>			
Minimum Set Value	Minimum level of the channel.	1 up to 255	1
Maximum Set Value	Maximum level of the channel.	1 up to 255	255
Calibration Factor (Not at master)	Calibration factor of the channel. Here you can set an additionally dim for every channel.	0,4 up to 100%	100%
Behaviour Switch On	Behaviour at switch on the channel. <b>Recall last light level</b> -> Recall the last light level. <b>Set fixed light level</b> -> A fix light level at every switch on.		Set fixed Value
Switch On Set Value	Presetted light level. (Only at Set fixed light level)	0 up to 255	255
Fade Rate [100ms/100%]	Value for the relative dimming.	0 up to 65535	50
Fade Time (Switch On) [100ms]	Switch on fading time. (Used value multiplied by 100ms)	0 up to 65535	10 (1s)
Fade Time (Switch Off) [100ms]	Switch off fading time. (Used value multiplied by 100ms)	0 up to 65535	10 (1s)
Delay Switch Off [100ms]	Delay time at switch off the LED.	0 up to 65535	0 (0s)
Behaviour Mains power Up	Behaviour at switch in the main power. (PWR IN) <b>Last Light Value before Power down</b> -> Recall the light level before main power off. <b>Fixed Light Level</b> -> A fix light level at every switch on main power.		Fixed Value
Mains Up Set Value	Presetted light level. (Only at Fixed light level)	0 up to 255	255
Behaviour Bus power Up	Behaviour at connect KNX bus. (KNX) <b>Fixed Light Level</b> -> A fix light level at every connection with the KNX bus. <b>No Change</b> -> Light level doesn't change.		Fixed Value

Bus power Up Set Value	Presetted light level. (Only at Fixed light level)	0 up to 255	255
Behaviour Bus power Down	Behaviour at disconnect KNX bus. (KNX) <b>Fixed Light Level</b> -> A fix light level at every disconnection with the KNX bus. <b>No Change</b> -> Light level doesn't change.		Fixed Value
Bus power Down Set Value	Presetted light level. (Only at Fixed light level)	0 up to 255	255
<b>Feedback Configuration</b>			
Info On/Off Mode	Here you can define whether the On/Off status of this channel is transferred automatically. (manual query are always possible) (minimum possible temperature is 67°C)	Automatic send: active not active	Automatic send not active
Actual Dimming Value Mode	Here you can define whether the Dimming Value of this channel is transferred automatically. (manual query are always possible)	Automatic send: active not active	Automatic send not active
<b>Additional 1 Channel Tunable White, 2 Channel Tunable White and Mixed Mode parameters</b>			
<b>General Parameter</b>			
Ratio Lamp A	Adjustment of the ratio of the channel A.	0 up to 65535%	100%
Ratio Lamp B	Adjustment of the ratio of the channel B.	0 up to 65535%	100%
Maximum Brightness	Maximum Brightness	0 up to 65535%	100%
Extended Brightness	Maximum difference for color mixing in favor of the brightness.	0 up to 65525%	100%
Calibration Factor Lamp A	Factor for adjusting the channel. Here, an additional dimming can be placed for channel A.	0,4 up to 100%	100%
Calibration Factor Lamp B	Factor for adjusting the channel. Here, an additional dimming can be placed for channel B.	0,4 up to 100%	100%
<b>Brightness Parameter</b> Look at "Channel 1, Channel 2, Channel 3, Channel 4 and Master Parameter" (Page 1)			
<b>Color Temperature Parameter</b>			
Behaviour Switch On	Behaviour at switch on the channel. <b>Recall last Value</b> -> Recall the last ratio. <b>Set fixed Value</b> -> A fix ratio at every switch on.		Set fixed Value
Switch On Ratio	Presetted ratio. (Only at Set fixed Value)	0:100 up to 100:0	0:100
Fade Rate [100ms/100%]	Value for the relative temperature change.	0 up to 65535	50
Fade Time (Switch On) [100ms]	Switch on fading time. (Used value multiplied by 100ms)	0 up to 65535	10
Fade Time (Switch Off) [100ms]	Switch off fading time. (Used value multiplied by 100ms)	0 up to 65535	10
Behaviour Mains power Up	Behaviour at switch in the main power. (PWR IN) <b>Last Value before Power down</b> -> Recall the ratio before main power off. <b>Fixed Value</b> -> A fix ratio at every switch on main power.		Fixed Value
Mains Up Ratio	Presetted ratio. (Only at Fixed Value)	0:100 up to 100:0	0:100
Behaviour Bus power Up	Behaviour at connect KNX bus. (KNX) <b>Fixed Value</b> -> A fix ratio at every connection with the KNX bus. <b>Last Value before bus power down</b> -> Recall the ratio before bus is disconnected. <b>No Change</b> -> Ratio doesn't change.		Fixed Value
Bus power Up Ratio	Presetted ratio. (Only at Fixed Value)	0:100 up to 100:0	0:100
Behaviour Bus power Down	Behaviour at disconnect KNX bus. (KNX) <b>Fixed Value</b> -> A fix ratio at every disconnection with the KNX bus. <b>No Change</b> -> Ratio doesn't change.		Fixed Value
Bus power Down Ratio	Presetted ratio. (Only at Fixed Value)	0:100 up to 100:0	0:100
<b>Feedback Configuration</b>			
Actual Ratio Value Mode	Here you can define whether the ratio of this channels is transferred automatically. (manual query are always possible)	Automatic send: active not active	Automatic send not active
<b>Scenes parameters for 1, 2, 4 Channel and RGB(W)</b>			
Scene A up to J			
Channel 1 Scene Number	The addressing of the channels is selectable. Once an address has been selected, a value for each channel can defined below.	Inactive or 1 bis 64	Inactive
Channel 2 Scene Number			
Channel 3 Scene Number			
Channel 4 Scene Number			
Channel X Brightness	Here you can set the light level for an addressed channel.	0 up to 255	-
<b>Scenes parameters for 1 and 2 Channel Tunable White</b>			
Scene A up to J			
Channel X Scene Number Brightness	The addressing of the channels is selectable. Once an address has been selected, a value for each channel can defined below.	Inactive or	Inactive

		1 up to 64	
Channel X Brightness	Here you can set the light level for an addressed channel.	0 up to 255	-
Channel X Scene Number Ratio	The addressing of the channels is selectable. Once an address has been selected, a value for each channel can defined below.	Inactive or 1 up to 64	Inactive
Channel X Ratio	Here you can set the ratio for an addressed channel.	0:100 up to 100:0	-
<b>Sequence 1 bis 6 Parameter</b>			
Nur bei RGB(W) verfügbar			
Sequence Mapping Number	Adresse der jeweiligen Farb-Sequenz. Es sind standardmäßig 6 veränderbare Sequenzen hinterlegt.	1 up to 64	1 up to 6
Used Sequence Colors	Anzahl der verwendeten Farben.	0 up to 10	different
Color 1 bis Color 10			
Use Global Sequence Timing Color X	Sollen die globalen Zeitwerte für diese Farbe verwendet werden?	True, False	False
Fade Time [100ms]	Die Übergangszeit für diese Farbe. (Nur bei Use Global Sequence Timing Color = False verfügbar)	0 up to 65535	different
Rest Time [100ms]	Die Stehzeit für diese Farbe. (Nur bei Use Global Sequence Timing Color = False verfügbar)	0 up to 65535	different
Level Red Color X	Eingestellter Helligkeitswert für Rot bei dieser Farbe.	0 up to 255	different
Level Green Color X	Eingestellter Helligkeitswert für Grün bei dieser Farbe.	0 up to 255	different
Level Blue Color X	Eingestellter Helligkeitswert für Blau bei dieser Farbe.	0 up to 255	different
Level White Color X	Eingestellter Helligkeitswert für Weiß bei dieser Farbe.	0 up to 255	different
<b>max. Current Calculation / Current Result</b>			
Calculate the Maximum Output Current per Channel. The Result is on the next Page		Hier kann der maximale Strom pro Kanal berechnet werden. Das Ergebnis wird unter dem Punkt „Current Result“ angezeigt.	
Operating Voltage	Hier kann die verwendete Spannung eingetragen werden. (Diese Einstellung hat keinerlei Auswirkung auf die Hard- oder Software Konfiguration)	0 up to 48V	24V
Max Current for Reg	Maximaler Strom beim Hutschienengerät.	4,4 – 17,6A	-
Max Current for Ins	Maximaler Strom beim Installationsgehäuse.	2,2 – 8,8A	-

## Kommunikationsobjekte:

Name und Objektfunktion	Erläuterung	Länge
Master Start Sequence	Gewünschte Sequenz starten. (Nur bei RGB(W) verfügbar)	1 Byte
Master Pause Sequence	Aktuell laufende Sequenz pausieren. (Nur bei RGB(W) verfügbar)	1 Bit
Master Stop Sequence	Aktuell laufende Sequenz stoppen. (Nur bei RGB(W) verfügbar)	1 Bit
Master Overload Detection	Angezeigter Fehler bei Überlast oder Übertemperatur. (Nur verfügbar wenn: Enable Diagnostic Objects = Enable)	1 Bit
Master Load Failure Detection	Angezeigter Fehler sobald ein Shutdown auftritt. (Nur verfügbar wenn: Enable Diagnostic Objects = Enable)	1 Bit
Master Device Temperature	Information zur Temperatur des Geräts. (Nur verfügbar wenn: Enable Diagnostic Objects = Enable)	4 Byte
Channel X Switch OnOff	Betreffenden Kanal ein- und ausschalten.	1 Bit
Channel X Absolute Dimming	Betreffenden Kanal auf eine bestimmte Dimmstufe setzen.	1 Byte
Channel X Relative Dimming	Relatives Dimmen des Kanals.	4 Bit
Channel X Scene Control	Gewünschte Scene aufrufen oder abspeichern. (Helligkeit)	1 Byte
Channel X Info OnOff	Information über den aktuellen Zustand (An/Aus) des Kanals.	1 Bit
Channel X Actual Dimming Value	Information über die aktuelle Dimmstufe des betreffenden Kanals.	1 Byte
Channel X Overload Detection	Angezeigter Fehler bei Überlast des entsprechenden Kanals. (Nur verfügbar wenn: Enable Diagnostic Objects = Enable)	1 Bit
Channel X Switch Lamp A between Lamp B	Schaltet zwischen Lamp A (Warmweiß) und Lamp B (Kaltweiß) (Nur bei 1, 2 Channel Tunable White oder Mixed Mode verfügbar)	1 Bit
Channel X Absolute Ratio	Betreffenden Kanal auf ein bestimmtes Farbverhältnis setzen. (Wert 0 bis 255) (Nur bei 1, 2 Channel Tunable White oder Mixed Mode verfügbar)	1 Byte
Channel X Relative Ratio	Relativer Übergang von Lamp A zu Lamp B. (Nur bei 1, 2 Channel Tunable White oder Mixed Mode verfügbar)	4 Bit
Channel X Scene Control Ratio	Gewünschte Scene aufrufen oder abspeichern. (Farbverhältnis) (Nur bei 1, 2 Channel Tunable White oder Mixed Mode verfügbar)	1 Byte
Channel X Actual Ratio	Information über das aktuelle Farbverhältnis des betreffenden Kanals. (Nur bei 1, 2 Channel Tunable White oder Mixed Mode verfügbar)	1 Byte
Master Switch OnOff	Master Kanal ein- und ausschalten. ( <b>ACHTUNG:</b> Wenn der Master Kanal aus ist, haben Aktionen auf den einzelnen Kanälen keine Wirkung.)	1 Bit
Master Absolute Dimming	Master Kanal auf eine bestimmte Dimmstufe setzen. ( <b>ACHTUNG:</b> Die einzelnen Kanäle können nicht höher gedimmt werden als der Master Kanal.)	1 Byte
Master Relative Dimming	Relatives Dimmen des Master Kanals. ( <b>ACHTUNG:</b> Die einzelnen Kanäle können nicht höher gedimmt werden als der Master Kanal.)	4 Bit
Master Info OnOff	Information über den aktuellen Zustand (An/Aus) des Master Kanals.	1 Bit
Master Actual Dimming Value	Information über die aktuelle Dimmstufe des Master Kanals.	1 Byte