

EnOcean Equipment Profiles

REVISION HISTORY

Ver.	Editor	Change	Date
2.6.8	NM	Last xml edition of the EEP-Specification	Dec 31, 2017

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EnOcean Equipment Profiles Page 1/6

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System Specification

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EnOcean Equipment Profiles

A5-38: Central Command

RORG	A5	4BS Telegram
FUNC	38	Central Command
TYPE	09	Extended Lighting-Control

Submitter: PEHA / infratec

With this central command all lighting actors can be manipulated.

Remarks for data table:

REMARK 1:

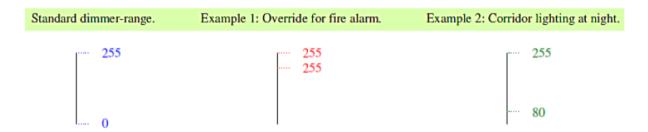
Set the RGB level for corresponding lighting-control. Devices without this feature ignore this command.

REMARK 2:

Up to 16 different scenes can be selected and configured.

REMARK 3

Change the minimal and maximal dimmer-value. Example:



General for switchers:

The values 0 .. 127 are defined to "Off". The values 128.. 255 are defined to "On".

REMARK 4:

Example: If the lamp was replaced, the operating hours are reset to 0.

REMARK 5

This function blocks all other commands from the other taught-in transmitters. The transmitter, which has called this function, must delete the blocking state, before the other transmitters can use the device again.

REMARK 6:

For important central commands, it's not necessary to send directly the statefeedback, e.g. when many modules are activated simultaneously.

Note: Special functionality is in function "Status request (0)", the status is always sent.

REMARK 7:

Ramp time is the time needed to transition from minimum to maximum dimming levels.



Offset	Size	Bitrange	Data	ShortCut	Description	Valid Range	Scale Unit
0	8	DB3.7DB3.0		P1	Function defined	Enum:	
			1		parameter value	Func. 00: not use	ed
						Func. 01: not use	ed
						Func. 02: not use	ed
						Func. 03: not use	ed
						Func. 04: not use	ed
						Func. 05: not use	ed
						Func. 06: Dimm-Va	lue (0 255)
						Func. 07: R - Red (0 255)
						Func. 08: not use	ed
						Func. 09: Dimm-Va	lue (0 255)
						Func. 10: Lamp ope 158)	erating hours (MSB
						Func. 11: not use	ed
						Func. 12: Energy m 158)	netering value (MSB
8	8	DB2.7DB2.0		P2	Function defined	Enum:	
			2		parameter value	Func. 00: not use	ed
						Func. 01: not use	ed
						Func. 02: not use	ed
						Func. 03: Ramping (65535 s)	time (MSB 158)
						Func. 04: Ramping	time (MSB 158)
						(65535 s)	
						Func. 05: not us	ed
						Func. 06: Ramping (65535 s)	time (MSB 158)
						Func. 07: G - Gree	n (0 255)
						Func. 08: not us	ed
						Func. 09: Dimm-Va	alue (0 255)
						Func. 10: Lamp ope LSB)	erating hours (70
						Func. 11: not us	ed
						Func. 12: Energy m LSB)	netering value (70

EnOcean Equipment Profiles Page 4/6



16	8	DB1.7DB1.0	Parameter	P3	Function defined	Enum:
			3		parameter value	Func. 00: not used
						Func. 01: not used
						Func. 02: not used
						Func. 03: Ramping time (70 LSB) (65535 s)
						Func. 04: Ramping time (70 LSB) (65535 s)
						Func. 05: not used
						Func. 06: Ramping time (70 LSB) (65535 s)
						Func. 07: B - Blue(0 255)
						Func. 08: Bit7: 0 = Drive to scene-value Bit7: 1 = Stores actual value in the scene Bit30: Scene number 0 15
						Func. 09: not used
						Func. 10: not used
						Func. 11: Blocks the local operations Enum: 0 = Unlock local operations 1 = Locking switch on commands 2 = Locking switch off commands 3 = Locking local operations
						Func. 12: Unit of energy metering value Enum: 0 = mW 1 = W
						2 = kW 3 = MW
						4 = Wh 5 = kWh
						6 = MWh
						7 = GWh 8 = mA
						9 = 1/10 A 10 = mV
						11 = 1/10 V 12 15 Not used
						12 III 15 Not used

EnOcean Equipment Profiles Page 5/6



24	4	DB0.7DB0.4	Function	FUNC		Enum	:
						0:	Do nothing, status request
						1:	Switched off
						2:	Switched on (Memory value)
						3:	Dimming up with ramping time
						4:	Dimming down with ramping time
						5:	Dimming stops
						6:	Set dimmer-value and ramping time
						7:	Set RGB values (see remark 1)
						8:	Scene function (see remark 2)
						9:	Set minimal and maximal dimmer-value (see remark 3)
						10:	Set the operating hours of the lamp (see remark 4)
						11:	Locking local operations (see remark 5)
						12:	Set a new value for the energy metering (overwrite the actual value with the selected unit)
28	1	DB0.3	LRN Bit	LRNB	LRN Bit	Enum:	:
						0:	Teach-in telegram
						1:	Data telegram
29	1	DB0.2	Send status	SSF	see remark 6	Enum:	:
			flag			0:	Send new status of device
						1:	Send no status (e.g. Global central commands)
30	1	DB0.1	Store final	SFV		Enum:	:
			value			0:	No
						1:	Yes
31	1	DB0.0	Service	SMF		Enum:	
			Mode Flag			0:	Normal operation
						1:	Service mode: The module disables all senders, except this sender, which has set the service mode. (For example for maintenance)

EnOcean Equipment Profiles Page 6/6