

Functions / Features	1st tier Luminaire Controller							2 nd tier			3 ^{tf} tier					
Product category								Edge Controller		Software			RF Module for RF Mesh Operation	Powerline Interface		Filter
Product type	iLC	iPC	iLC-RS	iPC-RS	iNEMA	iZHAGA	iPC-HD	iDC-SOC	iDC-IOT	iCT-IOT	iCIS	LMS via TALQ	iARM	iPL-NI	iLON-PLT	iPL-FI
On/Off	②	②	②	②	②	Ø	②	-	-	_	Ø	②	_	-	_	_
Dimming	②	Ø	Ø	②	Ø	\bigcirc	②	-	-	-	Ø	②	_	=	_	-
Power reduction via second relay / second luminaire	-	Ø	_	②	_	-	Ø	_	-	-	②	\bigcirc	_	-	_	-
Band width (gross)	Narrowband 5 kB	Narrowband 5 kB	Narrowband RF Mesh 200 kB	Narrowband RF Mesh 200 kB	Narrowband RF Mesh 200 kB	Narrowband RF Mesh 200 kB	Broadband 240 MB	Narrowband / Broadband / Wireless Mesh via iARM	Narrowband / Broadband	_	_	_	-	-	_	-
IP interface for control	_	_	_	_	_	_	②	_	_	_	_	_	_	_	_	-
Number of repeaters	5	5	100	100	100	100	10	_	_	-	-	_	_	-	_	-
Operation with switched lighting cable	O	Ø	②	②	②	\bigcirc		_	_	_	_	_	_	-	_	-
Stand-alone operation	Ø	Ø	②	②	②	\bigcirc	_	_	_	_	-	_	_	-	_	_
Light measurement via external/internal sensor	_	②	_	_	②	Ø	_	_	-	_	-	-	-	-	_	-
Transmission to other Powerline networks	iCCU	iCCU	-	_	-	-	-	iCCU (NB-PLC)	iCCU (NB-PLC)	-	-	-	-	-	_	-
Subsequent parameterisation + test operation	iPL-NI / iLON-PLT	iPL-NI / iLON-PLT	USB-RFM	USB-RFM	USB-RFM	USB-RFM	_	_	_	_	_	_	_	②	②	_
Connection of the field level to the control center	0	O	•	•	Ø	Ø	Ø	MQTT / REST / OPC-UA / TALQ	MQTT / REST / OPC-UA	-	XML / SOAP and MQTT / REST / OPC-UA	MQTT / REST / OPC-UA / TALQ	_	-	-	-
Commissioning	iCT-IOT	iCT-IOT	iCT-IOT	iCT-IOT	iCT-IOT	-	iCT-IOT	-	iCT-IOT		-	_	_	=	_	-
Control, parameterisation, evaluation and display of the lighting system status via LMS	-	-	-	-	-	-	-	-	iCIS	-	Ø	Ø	-	-	-	-
Information center for further smart city applications	_	_	-	-	_	-	_	_	-	-	②	②	-	-	_	-
Filtering network disturbances (Powerline)	iPL-FI	iPL-FI	_	-	-	-	-	iPL-FI (NB-PLC)	iPL-FI (NB-PLC)	-	-	_	-	-	-	Ø
Product status	available	available	coming soon	coming soon	coming soon	available	available	available	available	available	available	coming soon	available	available	available	available