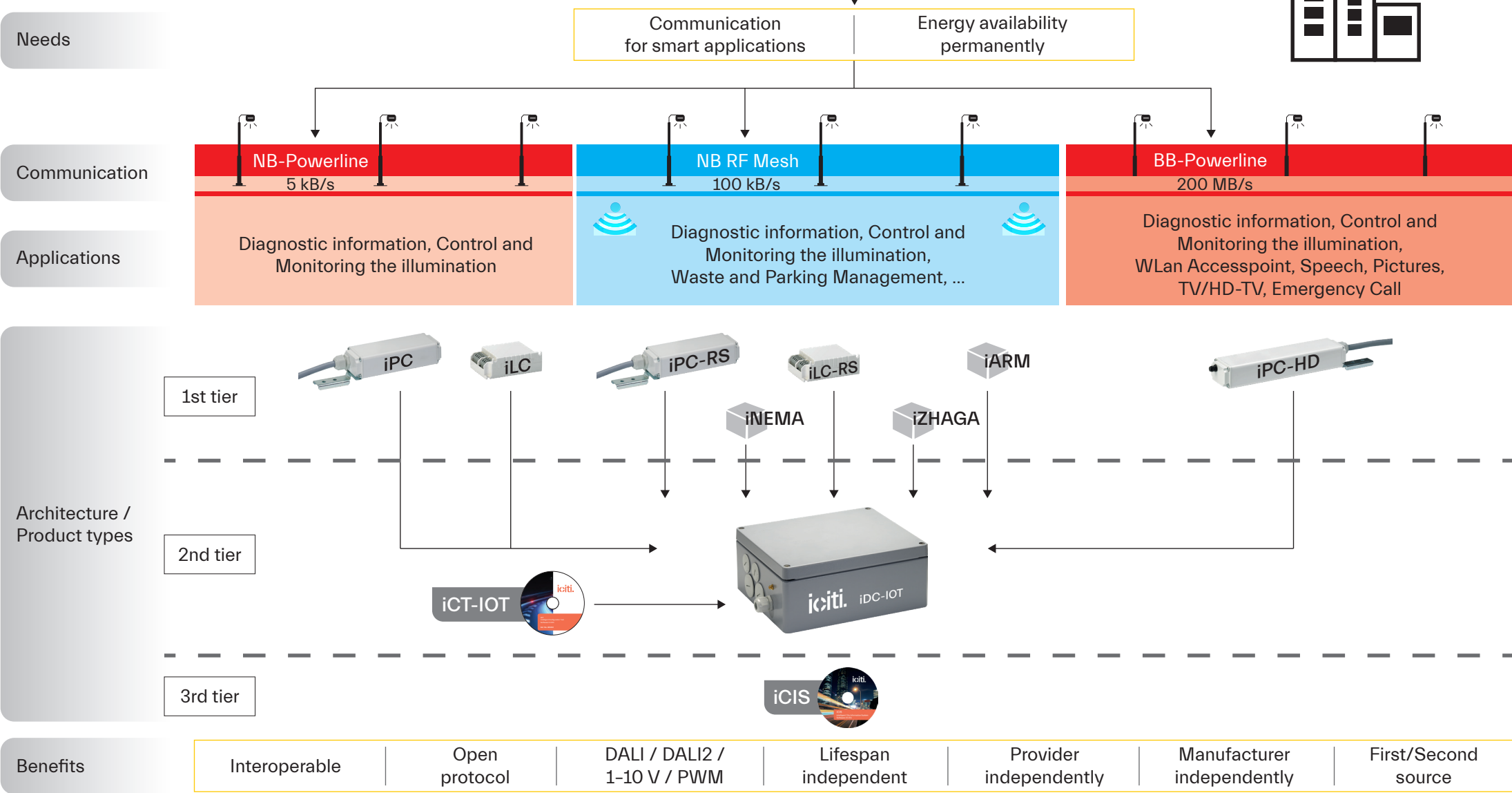


Smart City



Functions / Features

Product category	1 st tier							2 nd tier		3 rd tier	Sensor	RF Module for RS Controllers	Powerline Interface	Filter
	Luminaire Controller							Edge Controller	Software	iCIS				
Product type	iLC	iPC	iLC-RS	iPC-RS	iNEMA	iZHAGA	iPC-HD	iDC-IOT	iCT-IOT	iCIS	iLUX	iARM	iPL-NI	iPL-FI
On/Off	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–
Dimming	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–
Power reduction via second relay / second luminaire	–	✓	–	✓	–	–	✓	–	–	–	–	–	–	–
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	–	–	–	–	–	–
IP interface for control	–	–	–	–	–	–	✓	–	–	–	–	–	–	–
Number of repeaters	5	5	100	100	100	100	10	–	–	–	–	–	–	–
Operation with switched lighting cable	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–
Stand-alone operation	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–
Light measurement via external/internal sensor (f.e. iLUX)	–	✓	–	–	✓	✓	–	–	–	–	✓	–	–	–
Transmission to other networks	iCCU	iCCU	–	–	–	–	–	iCCU (NB-PLC)	–	–	–	–	–	–
Subsequent parameterisation + test operation	iPL-NI	iPL-NI	USB-RFM	USB-RFM	USB-RFM	USB-RFM	–	–	–	–	iPL-NI	–	✓	–
Connection of the field level to the control center via iDC-IOT	✓	✓	✓	✓	✓	✓	✓	MQTT / RES / OPC-UA	–	XML / SOAP and MQTT / RES / OPC-UA	–	–	–	–
Commissioning	iCT-IOT	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 iCIS	iCIS	iCIS	iCIS	iCIS	iCIS	iCIS	iCIS	iCIS	–	✓	–	–	–	–
Information center for further smart city applications	–	–	–	–	–	–	–	–	–	✓	–	–	–	–
Filtering network disturbances (Powerline)	iPL-FI	iPL-FI	–	–	–	–	–	iPL-FI (NB-PLC)	–	–	–	–	–	✓
Product status	available	available	coming soon	coming soon	coming soon	coming soon	available	available	available	available	available	coming soon	available	available