

LIGHT MANAGEMENT IS VIVARES

LEDVANCE

OVERVIEW OF LIGHT MANAGEMENT SYSTEMS



		MULTI ZONE SOLUTIONS (up to 1000 m²)		SINGLE ZONE SOLUTIONS (up to 200 m²)		CONTROL UNITS / APPS							
	Components	FLEX CU IoT DALI-2 HCL TW	VIVARES ZB CONTROL	DIRECT EASY	BIOLUX HCL CONTROL UNIT S ZB	FLEX CU FLUSH MOUNT DALI-2 TW	FLEX CU DALI-2 TW	FLEX CU RTC DALI-2 HCL TW	MCU TOUCH DALI-2	MCU TOUCH DALI-2 TW	MCU SELECT DALI-2 TW	MCU SELECT DALI-2 EXC* TW	PCU FM DALI-2 TW
	EAN (GTIN)	4058075841888	4058075427488		4058075724624	4058075841901, 4058075843844		4058075841925	4058075837546, 058075837560		4058075837485, 4058075837508, 4058075837522		4058075837584
	Maximum number of luminaires/components per control unit/system	128	200	40	48	32		32	25 <small>(max. 100 with up to 4 DALI-2 MCU TOUCH versions)</small>		25 <small>(max. 100 with up to 4 DALI-2 MCU SELECT versions)</small>		25 <small>(max. 100 with up to 4 DALI-2 PCU)</small>
	Certified technology	DALI-2	Zigbee 3.0	Zigbee Direct	Zigbee 3.0	DALI-2		DALI-2	DALI-2		DALI-2		DALI-2
	Commissioning/Configuration	Software	Software/App	App	App	App		App					
	Manual light control via User-App	●	●	●	●	●		●	●	●	●	●	●
	Dimming	●	●	●	●	●		●	●	●	●	●	●
	TW	●	●	●	●	●		●	● (TW versions)	●	● (TW versions)	●	●
	RGBW	●	●	●	●	●		●	●	●	●	●	●
	Occupancy	●	●	●	●	●		●	●	●	●	●	●
	Daylight harvesting (DLH)	●	●	●	●	●		●	●	●	●	●	●
	Grouping	●	●	●	●	●		●	●	●	●	●	●
	Scene	●	●	●	●	●		●	●	●	●	●	●
	Schedule	●	●	●	●	●		●	●	●	●	●	●
	LEDVANCE BIOLUX HCL Curve	●	●	●	●	●		●	●	●	●	●	●
	LEDVANCE BIOLUX HCL + DLH ²	●	●	●	●	●		●	●	●	●	●	●
	Remote access	●	●	●	●	●		●	●	●	●	●	●
	LAN Interconnect	●	●	●	●	●		●	●	●	●	●	●
	Cloud/EMMA	●	●	●	●	●		●	●	●	●	●	●
	Optional KNX-Interface	●	●	●	●	●		●	●	●	●	●	●
	Open API	●	●	●	●	●		●	●	●	●	●	●

RECOMMENDED APPLICATION OF LEDVANCE LUMINAIRE FAMILIES, SENSORS AND PUSHBUTTON COUPLERS

Environment	Luminaire Families	Sensors	Pushbutton Couplers	Control Units	Other Components
OFFICES & MEDICAL PRACTICES	BIOLUX HCL Tunable White luminaires, Downlights, Panel luminaires, Suspended and surface-mounted luminaires, Linear IndivLED luminaires (EVERLOOP)	Sensors: DALI-2 LS-PD-6 IR CI, DALI-2 LS-PD-8 IR CI, DALI-2 LS-PD-40X5 IR CI, DALI-2 LS-PD-24 IR CM	PUSHBUTTON COUPLER DALI-2	ZIGBEE SENSOR	ZIGBEE DIRECT luminaires and components
SCHOOLS & CLASSROOMS	Linear surface luminaires, Panel luminaires, Suspended and surface-mounted luminaires, Linear IndivLED luminaires (EVERLOOP)	Sensors: DALI-2 LS-PD-6 IR CI, DALI-2 LS-PD-8 IR CI, DALI-2 LS-PD-40X5 IR CI, DALI-2 LS-PD-24 IR CM	PUSHBUTTON COUPLER DALI-2	ZIGBEE SENSOR	ZIGBEE DIRECT luminaires and components
FACTORIES & WAREHOUSES	Trusys Flex trunking system, Damp-proof luminaires, Low-bay luminaires (Flex P)	OSRAM sensors: PD HB CM, HIGH BAY, VISION, LS/PD HB LI	PUSHBUTTON COUPLER DALI-2	OSRAM LS/PD HB LI sensor	OSRAM PD HB CM sensor, OSRAM HIGH BAY sensor, OSRAM VISION sensor

VIVARES LIGHT MANAGEMENT SYSTEMS
 BEST ENERGY SAVINGS – BEYOND LED.
 A REDUCTION OF GLOBAL WARMING POTENTIAL.

Abbreviations
 CU: Control Unit
 RTC = Real time clock

Sensor abbreviations
 LS: Light sensor
 PD: Presence detection
 IR: Infrared
 CI: Ceiling installation
 CM: Ceiling mounting
 HB: High bay

¹ Exchangeable cover
² DLH: Daylight harvesting
³ Building Management System