



HUMAN CENTRIC OPTIONS
INFORMATIVE MATERIAL

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VIZULO can provide 2 different options for Human Centric Lighting (HCL) that fit different kind of user applications, needs and possibilities.

1. Autonomous HCL system

This kind of solution is best for applications, where client does not have a ready and functional DALI infrastructure on site. This means that this system can be deployed practically anywhere because all the control (DALI) components are integrated into luminaires themselves.

System overview:

- Control of up to 5 different luminaires* ;
- Control of up to 64 different luminaires (Optional)** ;
- Additional 1 push-button interface available;
- HCL control possible for whole systems (all luminaires) only - no individual control of luminaires is possible from one controller;
- Wireless controllable with an Android / iOS smart device;
- Several controllers can be used in one system - separately or in mesh.

Best suited for:

- Relatively small installations
- Sites with no existing DALI infrastructure

How to order:

Autonomous HCL system can be ordered as accessories for compatible luminaires. Autonomous HCL system will be integrated into VIZULO luminaires.

Item	Order article	Price
Autonomous HCL system *	70000733	***
Additional (Optional) DALI power supply **	70000675	***

* - Control of up to 5 different luminaires (drivers) is available in default, no additional components are required for the system.

** - Control of up to 64 different luminaires (drivers) is optionally available and requires additional external DALI power supply which can be integrated in one of the luminaires.

*** - Prices can be seen in Price lists (only for luminaires that are compatible with Autonomous HLC system).

2. DALI integrated HCL system

This kind of solution is best for applications, where client has a ready and functional DALI infrastructure on site or is willing to implement DALI infrastructure in specific site. This kind of system has superior functionality; however, it comes at a bigger cost than the Autonomous HCL system.

System overview:

- Control of up to 192 different luminaires / drivers (on 3 DALI lines);
- Compatible with sensors, switches and other control equipment;
- Extension of functionalities via software licenses;
- Individual control of each luminaire possible;
- Integrated outside of the VIZULO luminaire (on site);
- Control and setup via graphical WEB interface.

Best suited for:

- Relatively large installations;
- Sites with existing DALI infrastructure;
- Sites where additional individual luminaire control is required (not only HCL);
- Applications where intuitive WEB interface is needed.

How to order:

DALI integrated HCL system can be ordered as additional piece of equipment - it is not integrated into VIZULO luminaires and requires additional installation and configuration.

Item	Order article	Price
DALI integrated HCL system	70000707	*

* - Prices can be seen in Price lists (only for luminaires that are compatible with DALI integrated HCL system).

3. Comparison of available HCL solutions

Feature	Autonomous HCL system	DALI integrated HCL system
HCL (circadian rhythm)	Available	Available
Maximum number of controllable drivers	5 / 64	192
Individual control of each luminaire	N/A	Available
Integration	Into luminaires	Outside luminaires (on site)
DALI infrastructure	Not required	Required
Control options	Wireless controllable with smart device	Control and setup via graphical WEB interface
Additional features (besides HCL) *	Limited	Superior

* - The exact range of additional features may depend on each individual request.

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