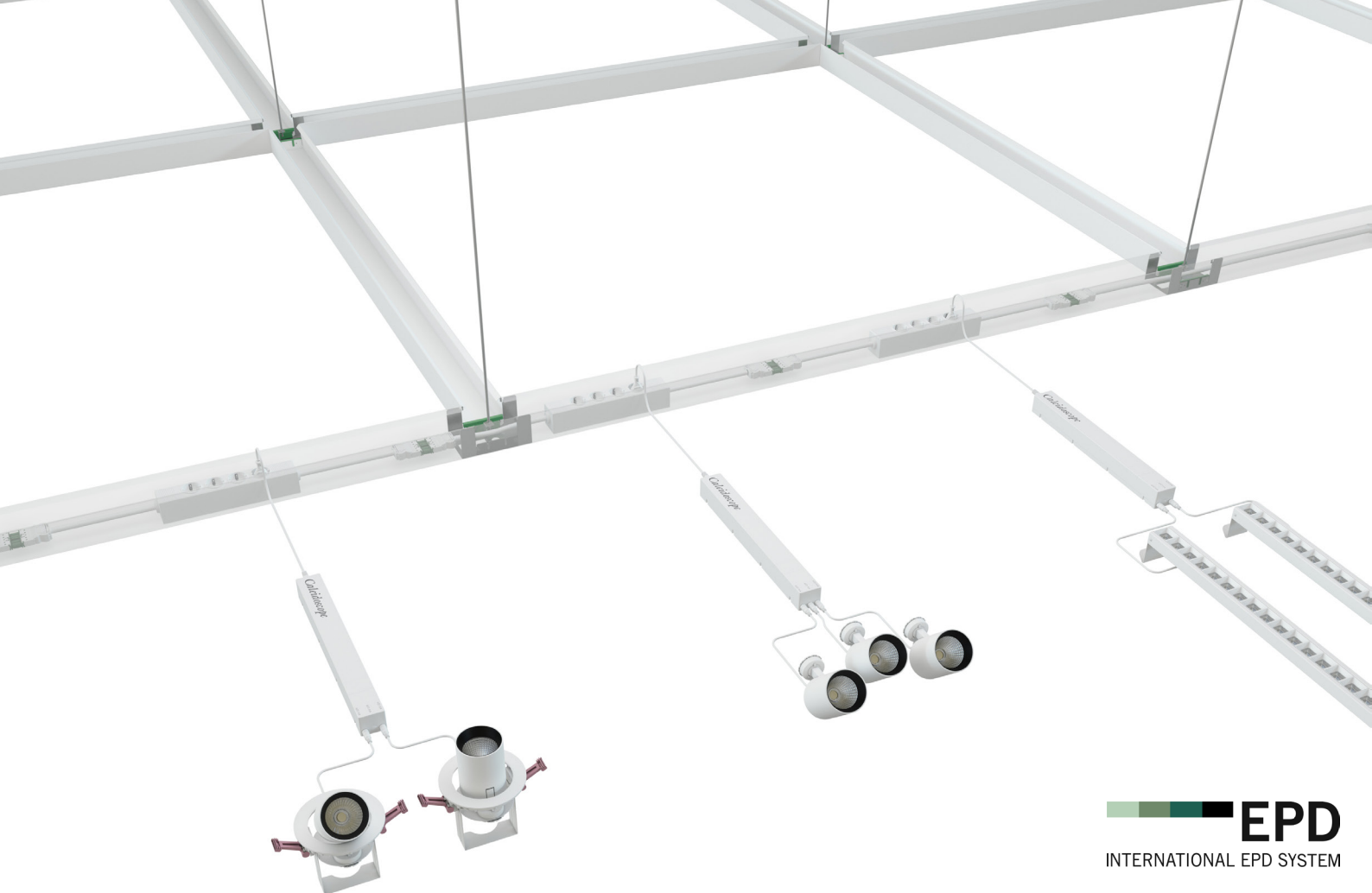




csNET™ *by Caleidoscope*
The reusable electrical solution for retail concept



csNET™ Modulare Power System

Caleidoscope offers complete design and manufacturing of the csNET electrical system. Specially developed for tough use in retail lighting environments.

csNET combines high performance with a well-considered environmental profile and is specifically developed for retail environments where flexibility and modularity are essential.

To ensure full transparency regarding climate impact, both third-party verified EPDs and LCA analyses are available, providing clear and reliable environmental reporting throughout the entire lifecycle.

The system complies with the current electrical safety standard EN 61535 for plug-in connection systems used in fixed electrical installations. The sockets are S-mark certified. All components are RoHS compliant and fire-tested according to UL 94 V-2.

The cable assembly is made of halogen-free materials and complies with EN 50575:2014+A1:2016.

Install. Reuse. Repeat.

The system is available with either EU-standard or UK (British) 4-way earthed sockets.

As an option a 4-way universal socket box is also available, featuring C7/C8 connectors that enable the connection of lighting products without the need for special connectors

The system can be installed as either a permanent electrical installation or a temporary solution.

Designed for circular use, it can be easily disassembled, relocated and reused again and again in new retail environments.

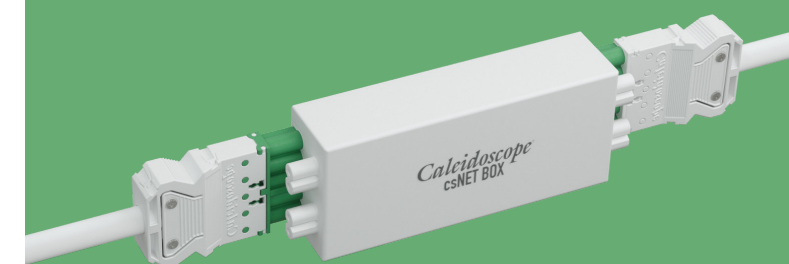
EU



UK



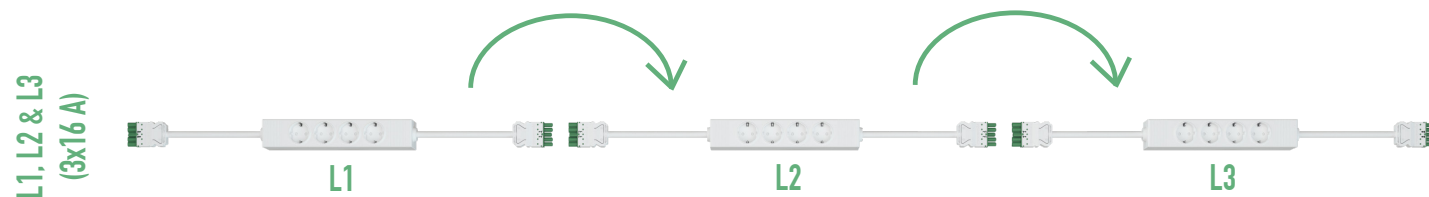
UNIVERSAL



How it WORKS!

Phaserotation or dedicated?

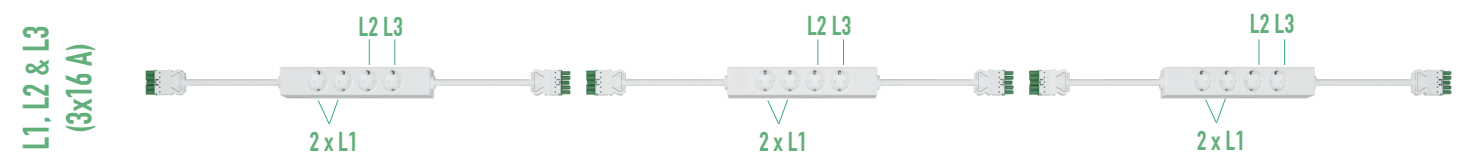
Using 4-way EU / UK socket with rotated phases



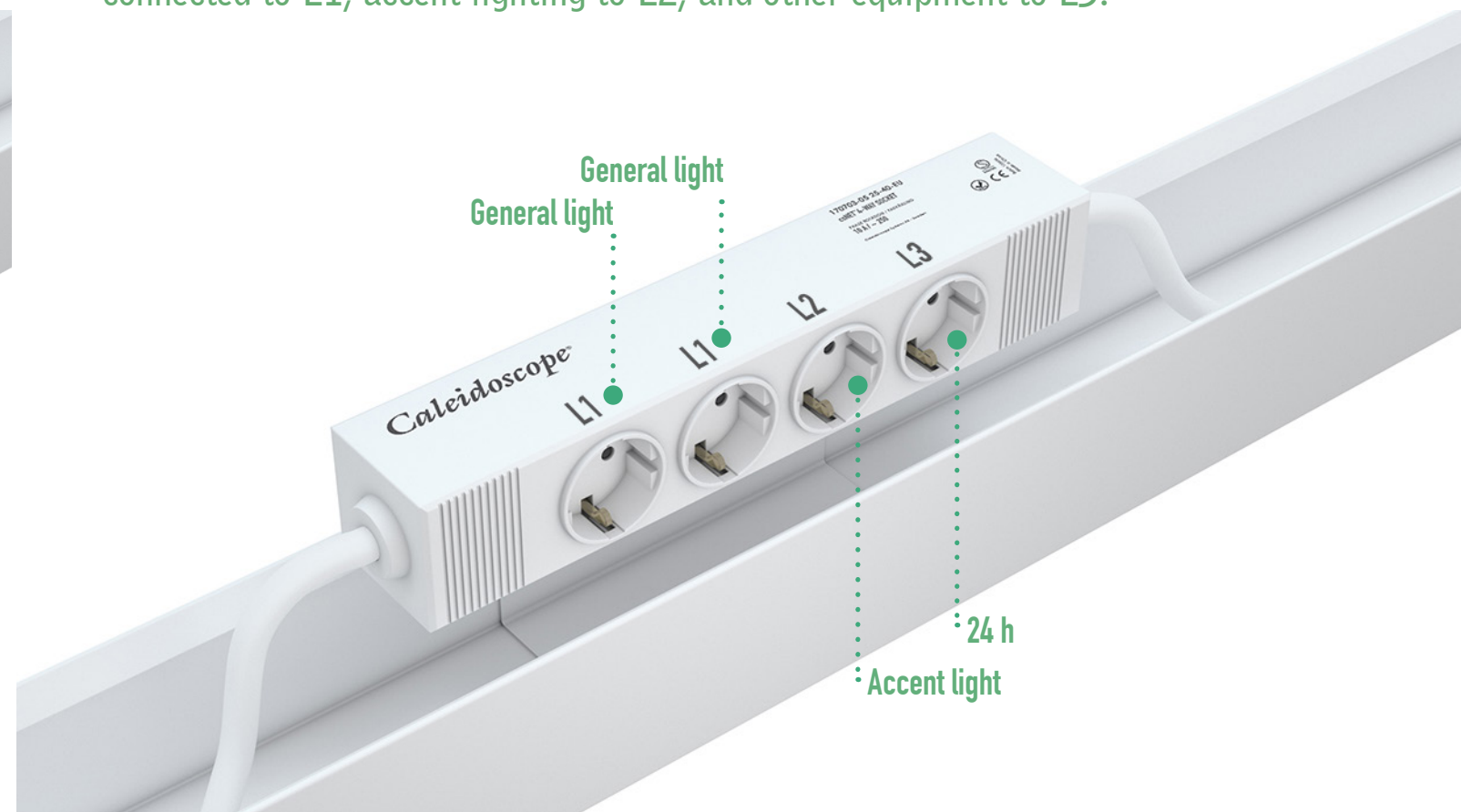
The standard socket boxes have internal phase rotation, meaning that each installed outlet is assigned to separate phases according to the diagrams below. The first outlet in the chain is connected to phase L1, the second to L2, and the third to L3.



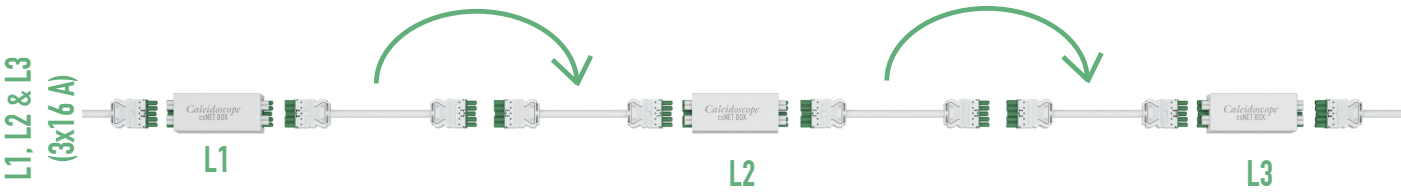
Using 4-way EU / UK socket with dedicated phases



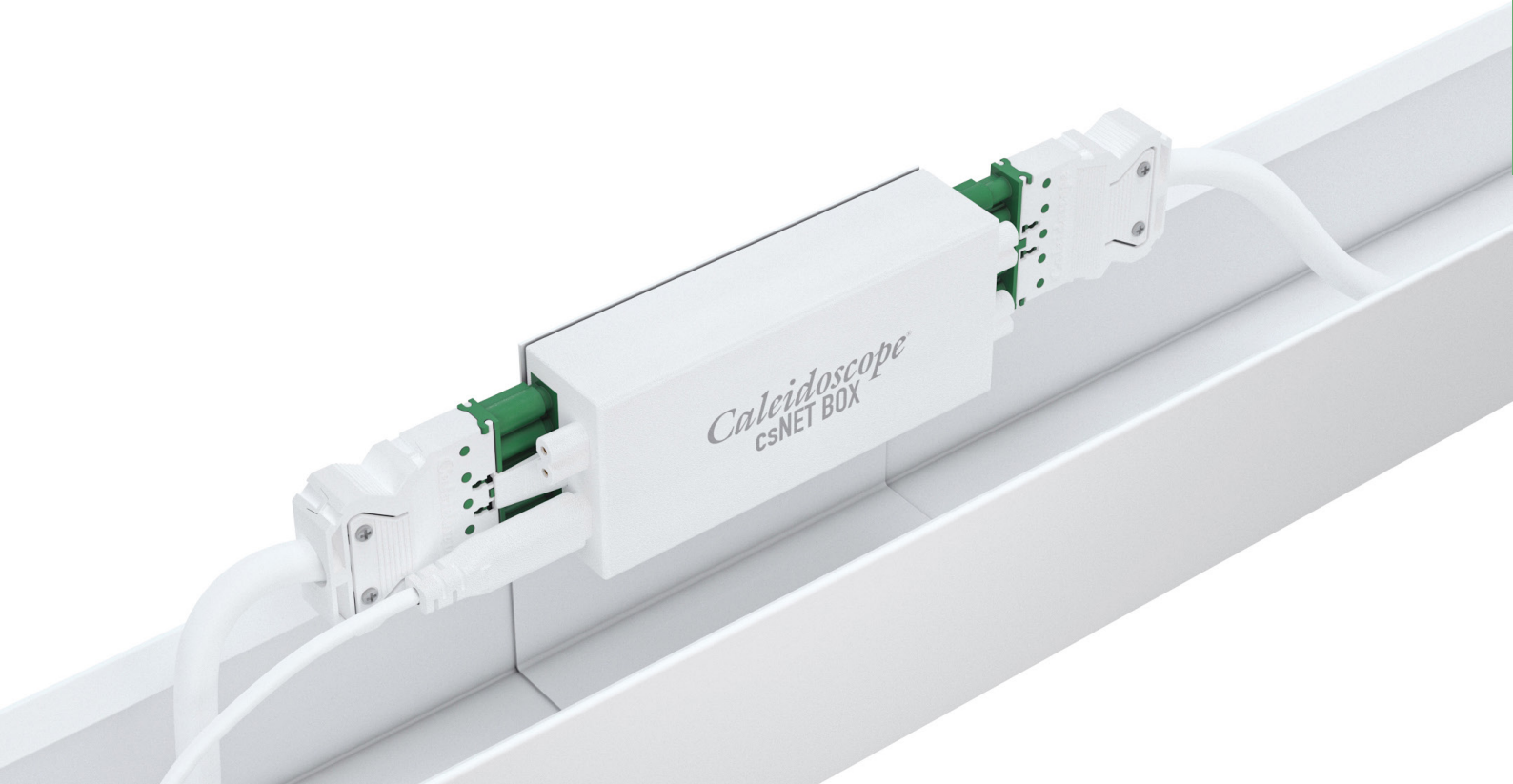
This box has all phases separated and permanently assigned to dedicated outlets in a pre-configured layout with two outlets per phase (L1, L2, and L3). This allows easy control of connected lighting and equipment. For example, general lighting can be connected to L1, accent lighting to L2, and other equipment to L3.



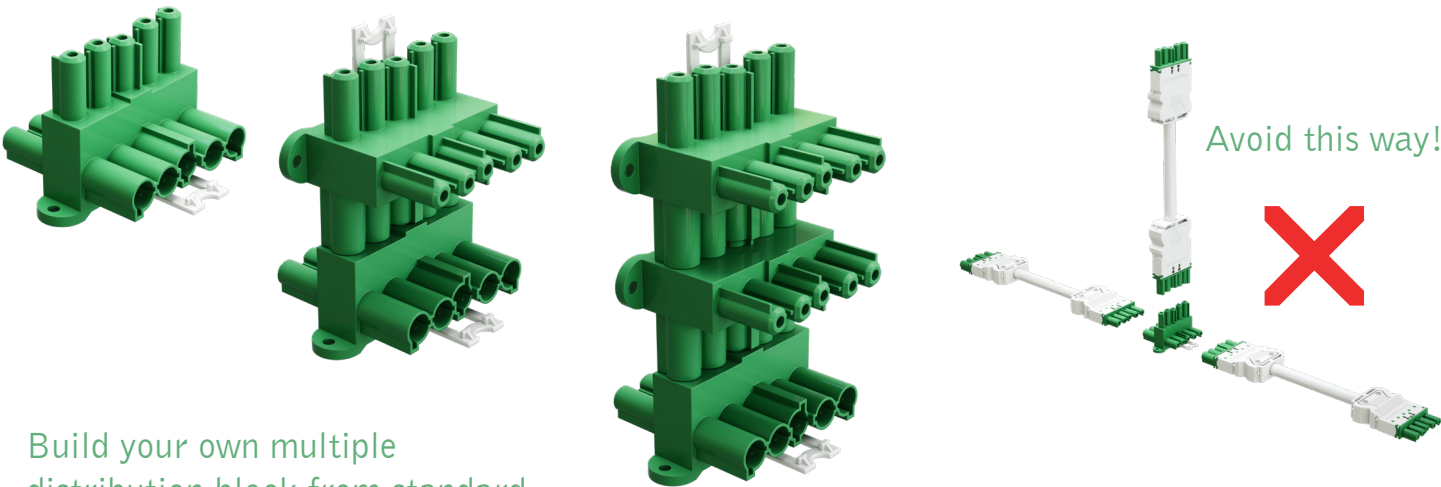
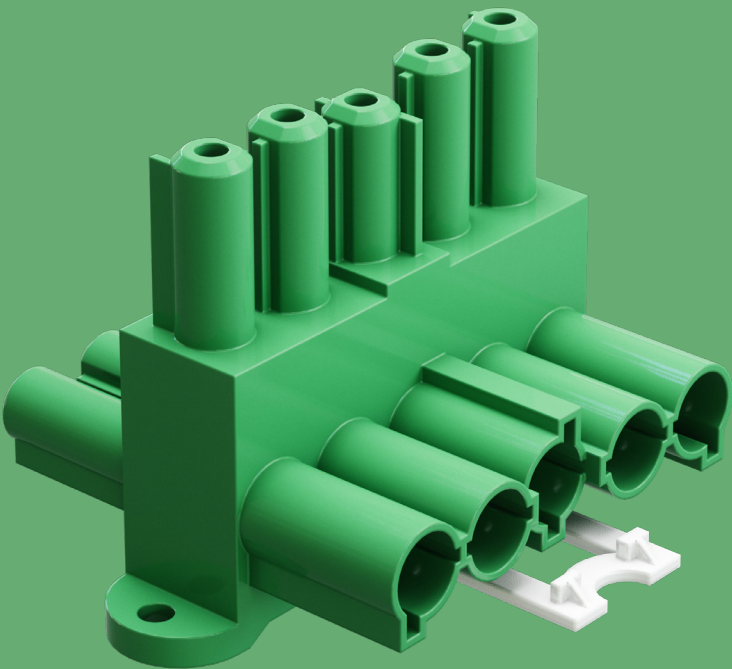
Using 4-way universal “C7” socket with rotated phases



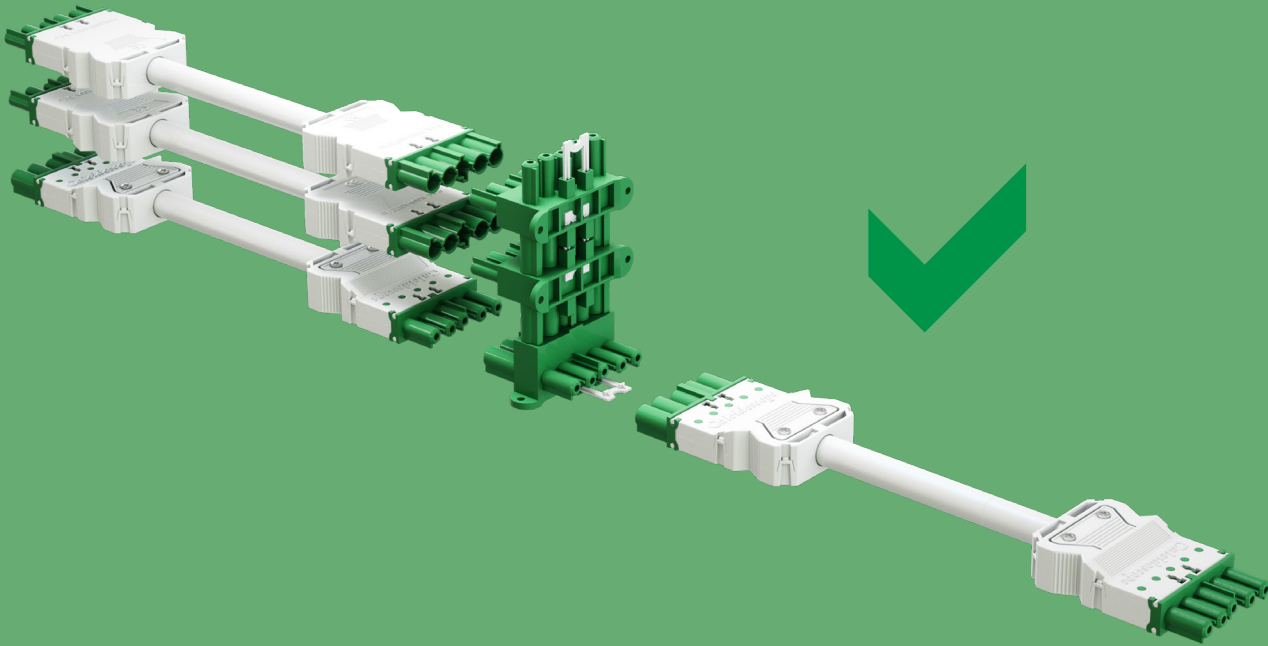
The standard socket boxes have internal phase rotation, meaning that each installed outlet is assigned to separate phases according to the diagrams below. The first outlet in the chain is connected to phase L1, the second to L2, and the third to L3.



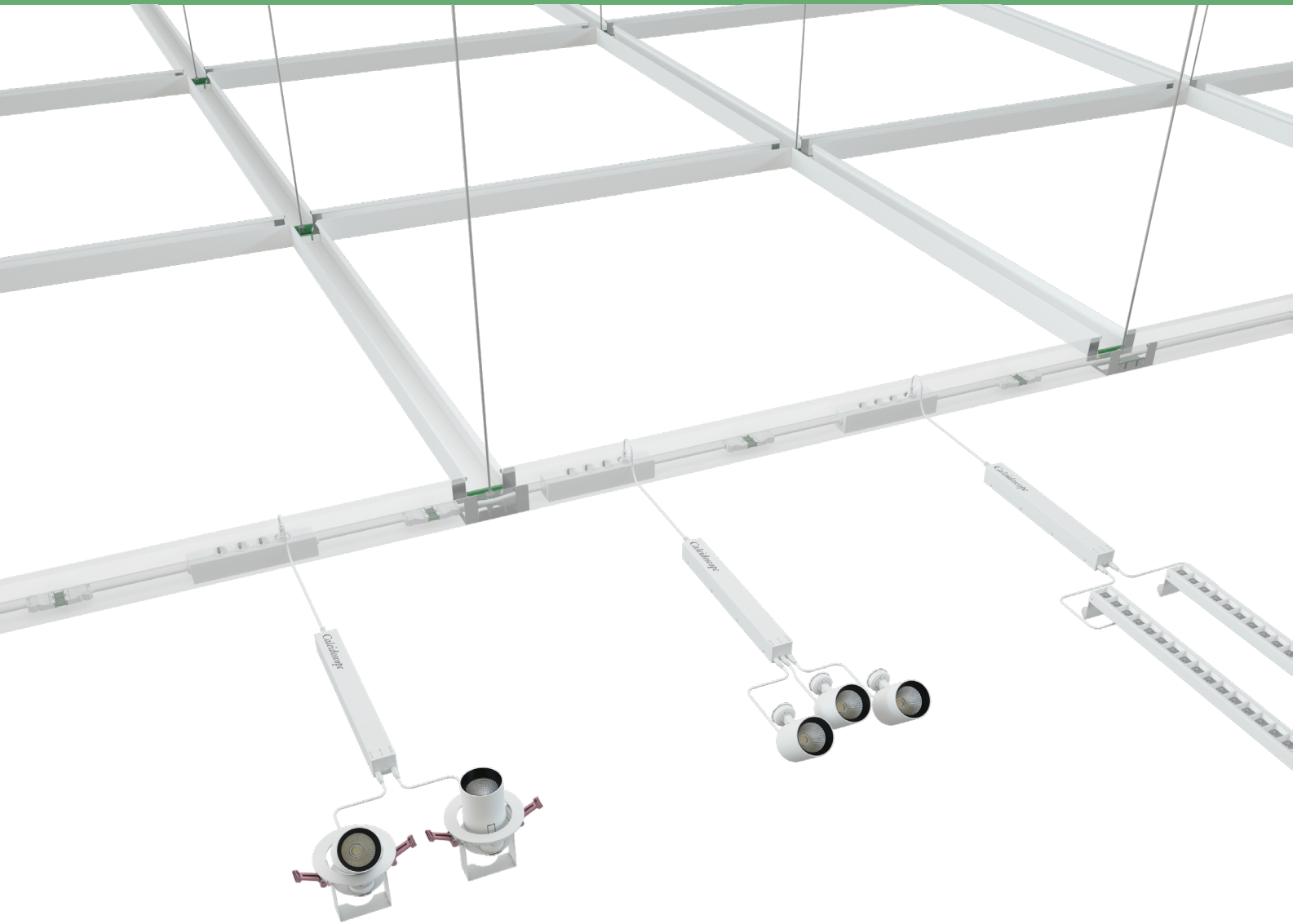
Pro tip! How to use T-block



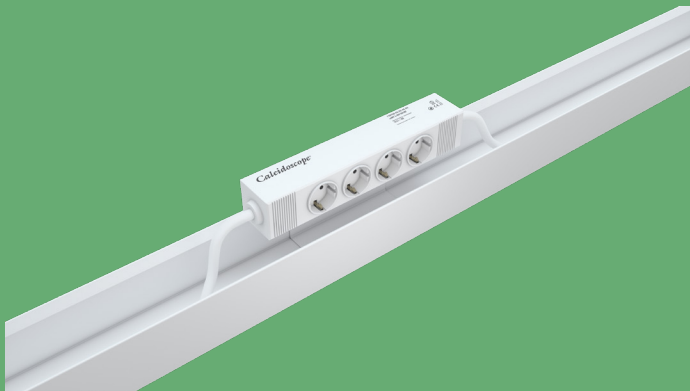
Build your own multiple distribution block from standard csNET T-block.



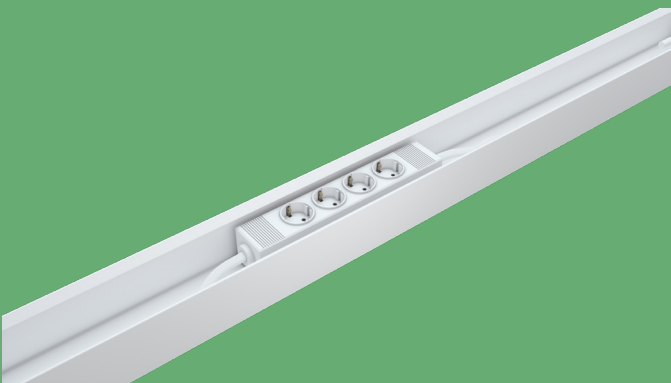
Solution for Retail GRID



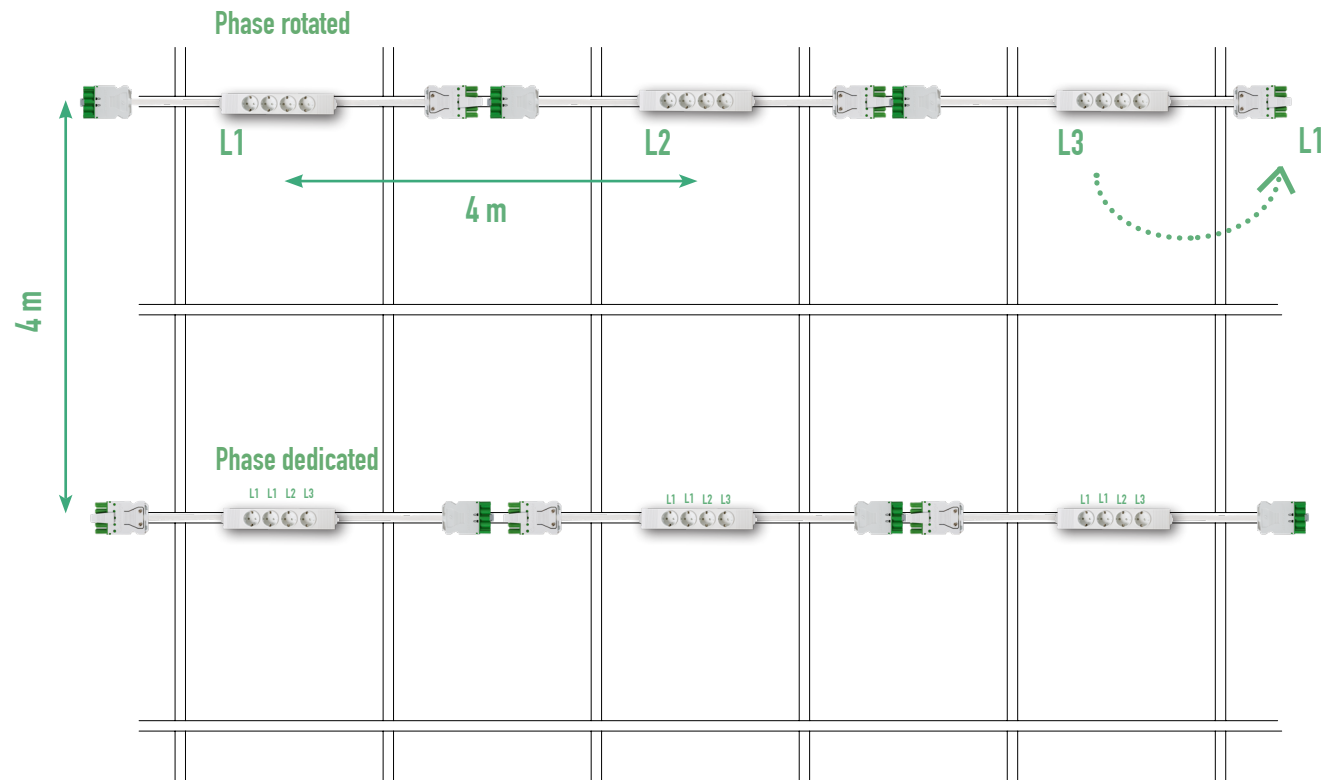
Visible installed socket in GRID profile on vertical mounting plate



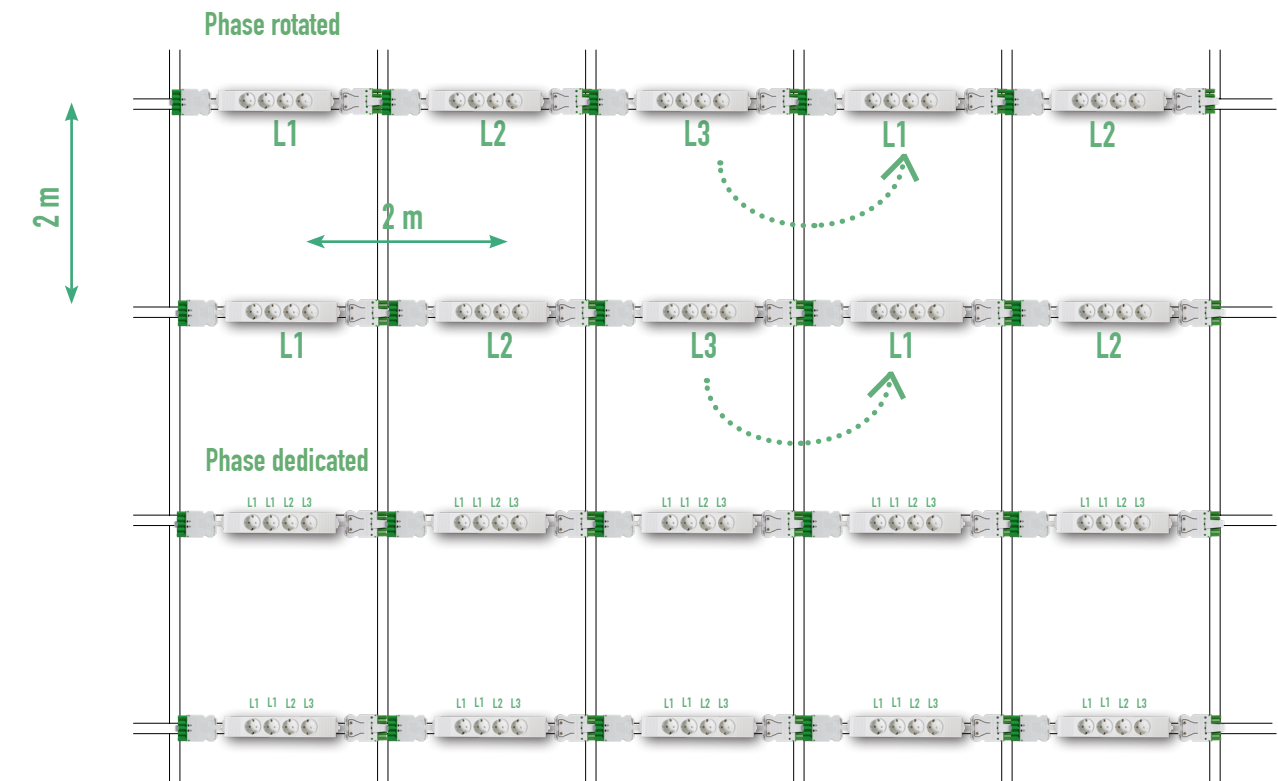
Socket installed inside GRID profile



Example of placing c-c 4,0 meter socket in GRID 2x2 m module.



Example of placing c-c 2,0 meter socket in GRID 2x2 m module.



Technical data – EU Socket System

4-way european shucko outlets with integrated 5x2,5 mm² halogen free cable system and Caleidoscope csNET quickconnector approved according to EN 61535.

For fast and easy installation of socket into different recessed ceiling types, cable trays or luminiare support system.

Easy installation into different types of brackets support without any screws connection.

Material	Polyamide 66
Cable type	5 x 2,5 mm² HF
Approved standard	EN 61535: 2009+A1 IEC 60884:2002 +A1+A2, SS 428 08 34:2013 RoHS tested
Flammability rating	UL 94 V-2
Rated voltage Nominal current (socket) Form protection	250 V 10 A IP20
Fixing plug, White	2 pcs included / each socket

Item No.	Description	Painting colour	Cable length	Picture
170703-05 25-02-R	csNET Cable 0,2 M 5x2,5 mm2 F/M HF-Phase forwardar (To be used to foward 1 step of the phases)	White, RAL 9010	c/c L = 0,2 m	
170703-05 25-40-EU	csNET 4-WAY EU-socket, 4,0 x 5 x 2,5 mm2, HF (Internal phase rotation)	White, RAL 9010	c/c L = 4,0 m	
170703-05 25-20-EUB	csNET 4-WAY EU-socket End Box, 2,0 x5 x2,5 mm2, HF (Internal phase rotation)	White, RAL 9010	L = 2,0 m	
170703-05 25-20-EU	csNET 4-WAY EU-socket, 2,0 x5 x2,5 mm2, HF (Internal phase rotation)	White, RAL 9010	c/c L= 2,0 m	
170703-05 25-10-EUB	csNET 4-WAY EU-socket End Box, 1,0 x5 x2,5 mm2, HF (Internal phase rotation)	White, RAL 9010	L = 1,0 m	
170703-05 25-40-EU,2xL1,L2,L3	csNET 4-WAY EU (2xL1,L2,L3),4,0x5x2,5 mm2 (Dedicated phase L1, L1, L2 and L3 sockets)	White, RAL 9010	c/c L = 4,0 m	
170703-05 25-20-EUB,2xL1,L2,L3	csNET 4-WAY EU-END SOCKET(2xL1,L2,L3)2,0x5x2,5 mm2 (Dedicated phase L1, L1, L2 and L3 sockets)	White, RAL 9010	L = 2,0 m	

Technical data – UK Socket System

4-way UK outlets with integrated 5x2,5 mm² halogen free cable system and Caleidoscope csNET quickconnector.

For fast and easy installation of socket into different recessed ceiling types, cable trays or luminiare support system.

Easy installation into different types of brackets support without any screws connection.

Material	Polyamide 66
Cable type	5 x 2,5 mm² HF
Approved standard	EN 61535: 2009+A1 IEC 60884:2002 +A1+A2, RoHS tested
Flammability rating	UL 94 V-2
Rated voltage Nominal current (socket) Form protection	250 V 10 A IP20
Fixing plug, White	2 pcs included / each socket

Item No.	Description	Painting colour	Cable length	Picture
170703-05 25-02-R	csNET Cable 0,2 M 5x2,5 mm2 F/M HF-Phase forwardar (To be used to foward 1 step of the phases)	White, RAL 9010	c/c L = 0,2 m	
170703-05 25-40-EU	csNET 4-WAY EU-socket, 4,0 x 5 x 2,5 mm2, HF (Internal phase rotation)	White, RAL 9010	c/c L = 4,0 m	
170703-05 25-20-EUB	csNET 4-WAY EU-socket End Box, 2,0 x5 x2,5 mm2, HF (Internal phase rotation)	White, RAL 9010	L = 2,0 m	
170703-05 25-20-EU	csNET 4-WAY EU-socket, 2,0 x5 x2,5 mm2, HF (Internal phase rotation)	White, RAL 9010	c/c L = 2,0 m	
170703-05 25-10-EUB	csNET 4-WAY EU-socket End Box, 1,0 x5 x2,5 mm2, HF (Internal phase rotation)	White, RAL 9010	L = 1,0 m	
170703-05 25-40-EU,2xL1,L2,L3	csNET 4-WAY EU (2xL1,L2,L3),4,0x5x2,5 mm2 (Dedicated phase L1, L1, L2 and L3 sockets)	White, RAL 9010	c/c L = 4,0 m	
170703-05 25-20-EUB,2xL1,L2,L3	csNET 4-WAY EU-END SOCKET(2xL1,L2,L3)2,0x5x2,5 mm2 (Dedicated phase L1, L1, L2 and L3 sockets)	White, RAL 9010	L = 2,0 m	

Technical data – Universal Socket System

4-way C7 universal outlets for Kaleidoscope csNET quick-connector. Internal phase rotation.

For fast and easy installation of socket into different recessed ceiling types, cable trays or luminaire support system.

Easy installation into different types of brackets support without any screws connection.

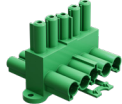
Material	Polyamide 66
Cable type	5 x 2,5 mm² HF
Approved standard	EN 61535: 2009+A1 IEC 60884:2002 +A1+A2, RoHS tested
Flammability rating	UL 94 V-2
Rated voltage Nominal current (socket) Form protection	250 V 10 A IP20
Fixing plug, White	2 pcs included / each socket

Item No.	Description	Painting colour	Cable length	Picture
170703-05 25-02-R	csNET Cable 0,2 M 5x2,5 mm2 F/M HF-Phase forwardar (To be used to foward 1 step of the phases)	White, RAL 9010	c/c L = 0,2 m	
170703-4WC8	csNET BOX, 4-WAY	White, RAL 9010	c/c L = 4,0 m	

Technical data – csNET cables



Material	Polyamide 66
Cable type	5 x 2,5 mm² HF
Approved standard	EN 61535: 2009+A1 IEC 60884:2002 +A1+A2, SS 428 08 34:2013 RoHS tested
Flammability rating	UL 94 V-2
Rated voltage Nominal current (socket) Form protection	250 V 3 x 16A IP20
Fixing plug, White	2 pcs included / each socket

Item No.	Description	Painting colour	Cable length	Picture
170703-05 25-02-R	csNET Cable 0,2 M 5x2,5 mm2 F/M HF-Phase forwardar (To be used to forward 1 step of the phases)	White, RAL 9010	L = 0,2 M	
170703-05 25-20	csNET 4-WAY EU-socket, 2,0 x5 x2,5 mm2, HF	White, RAL 9010	L = 2,0 m	
170703-05 25-30	csNET Cable 3,0 M 5x2,5 mm2 F/M Halogen Free	White, RAL 9010	L = 3,0 m	
170703-05 25-40	csNET Cable 4,0 M 5x2,5 mm2 F/M Halogen Free	White, RAL 9010	L = 4,0 m	
170703-05 25-60	csNET Cable 6,0 M 5x2,5 mm2 F/M Halogen Free	White, RAL 9010	L = 6,0 m	
170703-05 25-80	csNET Cable 8,0 M 5x2,5 mm2 F/M Halogen Free	White, RAL 9010	L = 8,0 m	
170703-05 25-100	csNET Cable 10,0 M 5x2,5 mm2 F/M Halogen Free	White, RAL 9010	L = 10,0 m	
170703-ST	csNET 5-P T-block			
170703-ST (B2)	2 x csNET 5-P T-block building a 2 way block			
170703-ST (B3)	3 x csNET 5-P T-block building a 3 way block			

Caleidoscope

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