

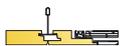
Ecophon Line™

Ecophon Line™ is a fully integrated recessed luminaire, shaped as a narrow rectangle. The slim design of the luminaire makes the installation height low. The ballast is available as on/off and dimmable version. The louvre is designed to be a general light source in open spaces and walkways.



Medicover Health Center, Wrocław, Poland

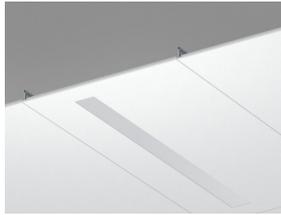
SYSTEM RANGE



Size, mm	1200x150	1200x300	1200x600
T24	•	•	•
Thickness	20	20	20
Inst. Diag.	M520	M520	M517, M519



Ecophon Line LED Ds tile



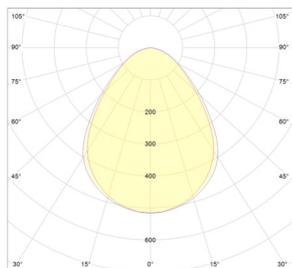
Ecophon Line LED Ds section



Ecophon line LED Ds system



Lighting performance



System effect: 29,4W
Light source: LED 26,7 W
Luminous flux: 2337 lm
Light efficiency: 87,5 lm/W
Colour temperature: 4000K
Color rendering index: Ra ≥80
Colour tolerance: MacAdam ≤3 SDCM
Light output ratio (LOR): 100%
Light distribution up/down: 0/100
Expected lifespan: L90 >50 000 h
Expected lifespan: L70 >100 000 h



Connection

The standard on/off electronic HF ballast delivered with 2,5 meters of cable 3x0,75 mm² and Euro plugg. The SwitchDIM/DALI delivered without cable.



Electrical data

220-240 V, 50-60 Hz, power factor $\cos \phi > 0,98$. Electronic HF ballast or electronic HF dim ballast for digital regulation.
Light source: led module of 27W total.



Electrical approvals

IP20, Class 1.



Visual appearance

Tile surface finish; White Frost, nearest NCS colour sample S 0500-N, 85% light reflectance. Gloss < 1.



Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



Accessibility

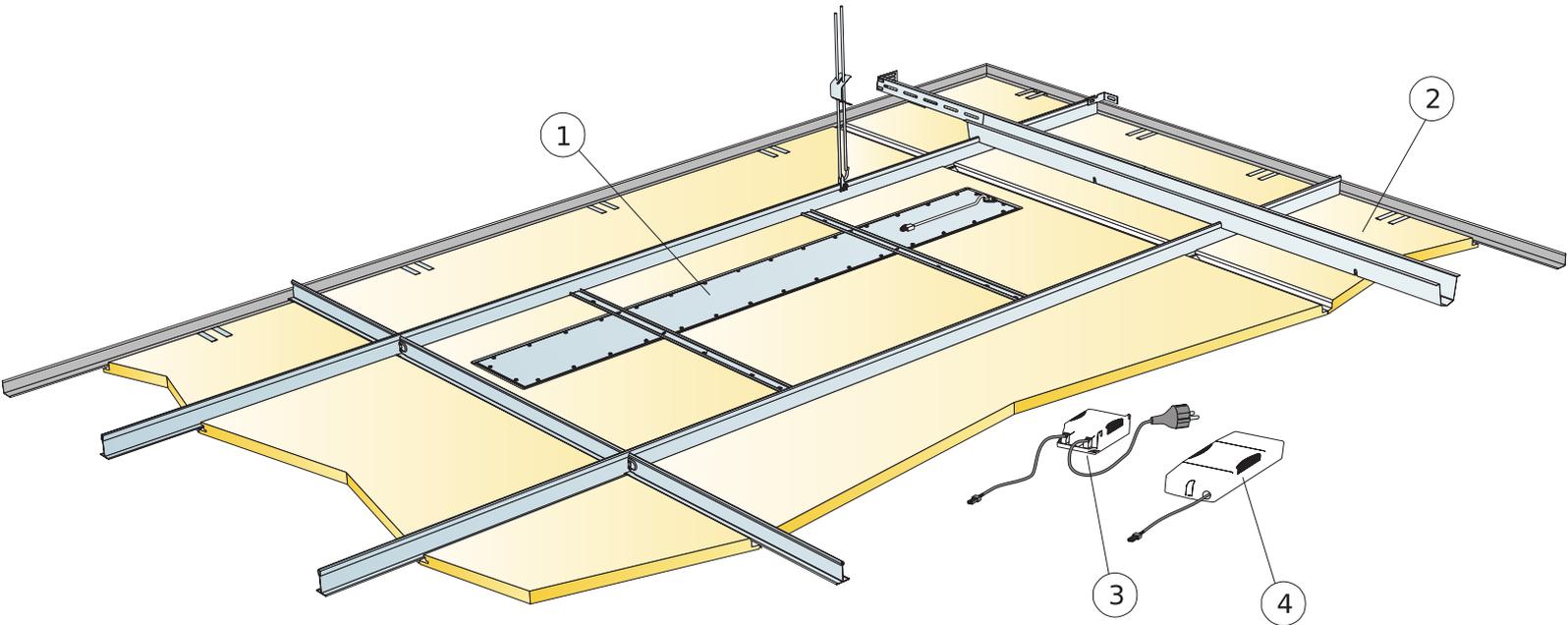
The tiles are easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to system range which include information regarding minimum overall depth of system. The tile with luminaire housing rests on the T-profiles and the SwitchDIM/DALI and standard on/off ballasts are fastened to the grid or tile next to the luminaire with velcro. Once the tile with luminaire and ballast are in place a certified installation electrician must connect the wiring to sockets or to the next luminaire.

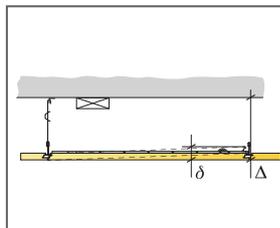
INSTALLATION DIAGRAM (M517) FOR ECOPHON LINE LED DS



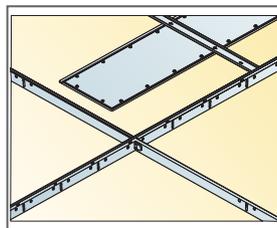
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QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm
	1200x600
1 Ecophon Line LED Ds Kit	1/luminaire
2 Focus Ds (adjacent ceiling)	as required
3 Ecophon Dot/Square/Line standard On/Off Ballast (included) [Alt.1]	-
4 Ecophon Dot/Square/Line SwitchDIM/DAI Ballast (included) [Alt.2]	-
Δ Min. overall depth of system: 115 mm	-
δ Min. demounting depth: 50 mm	-
When selecting standard on/off ballast, connect only to a toggle power switch. When using the SwitchDIM/DAI ballast connecting the SwitchDIM function, use a spring loaded power switch.	-
When selecting the SwitchDIM/DAI ballast utilizing the DAI function, connect only to a DAI compatible controller.	-



See Quantity Specification

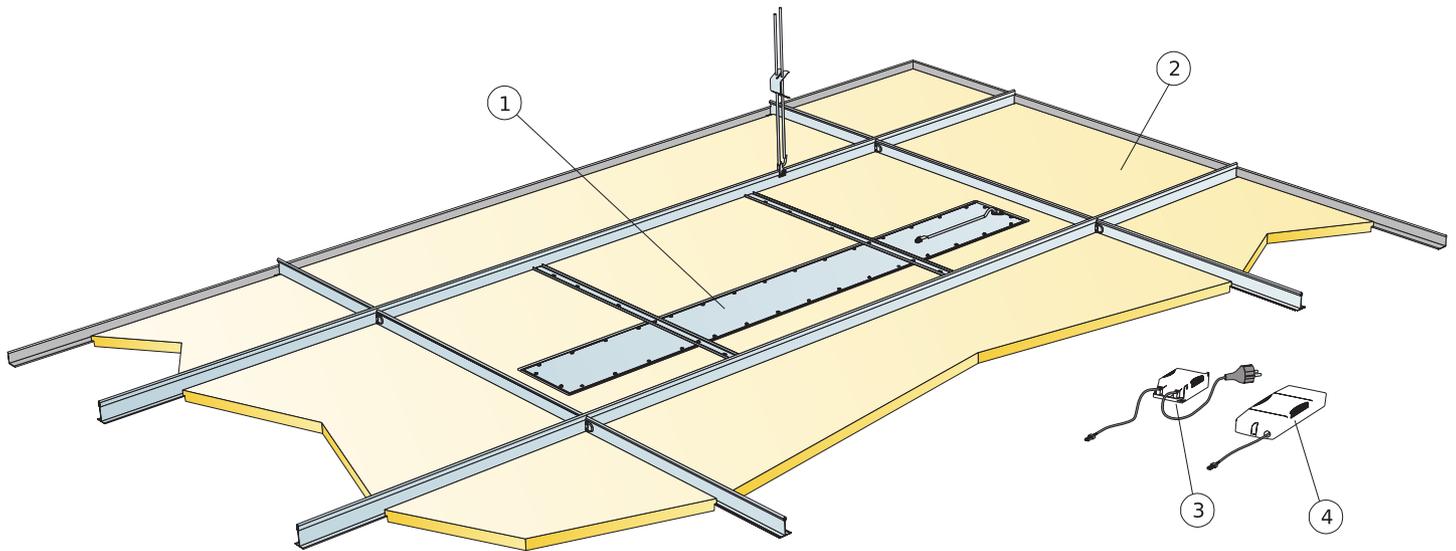


Line Ds luminaire house resting on main runner

Size, mm	Max live load (N)	Min load bearing capacity (N)
1200x600x20	0	160

Live load/load bearing capacity

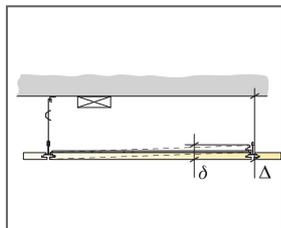
INSTALLATION DIAGRAM (M519) FOR ECOPHON LINE LED DG AND E



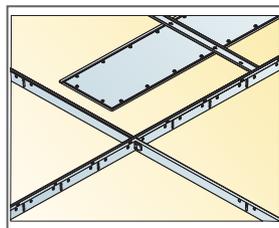
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QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm
	1200x600
1 Ecophon Line LED Dg or E Kit	1/luminaire
2 Focus Dg or E T24 (adjacent ceiling)	as required
3 Ecophon Dot/Square/Line standard On/Off Ballast (included) [Alt.1]	-
4 Ecophon Dot/Square/Line SwitchDIM/DAI Ballast (included) [Alt.2]	-
Δ Min. overall depth of system: 115 mm	-
δ Min. demounting depth: 50 mm	-
When selecting standard on/off ballast, connect only to a toggle power switch. When using the SwitchDIM/DAI ballast connecting the SwitchDIM function, use a spring loaded power switch.	-
When selecting the SwitchDIM/DAI ballast utilizing the DAI function, connect only to a DAI compatible controller.	-



See Quantity Specification

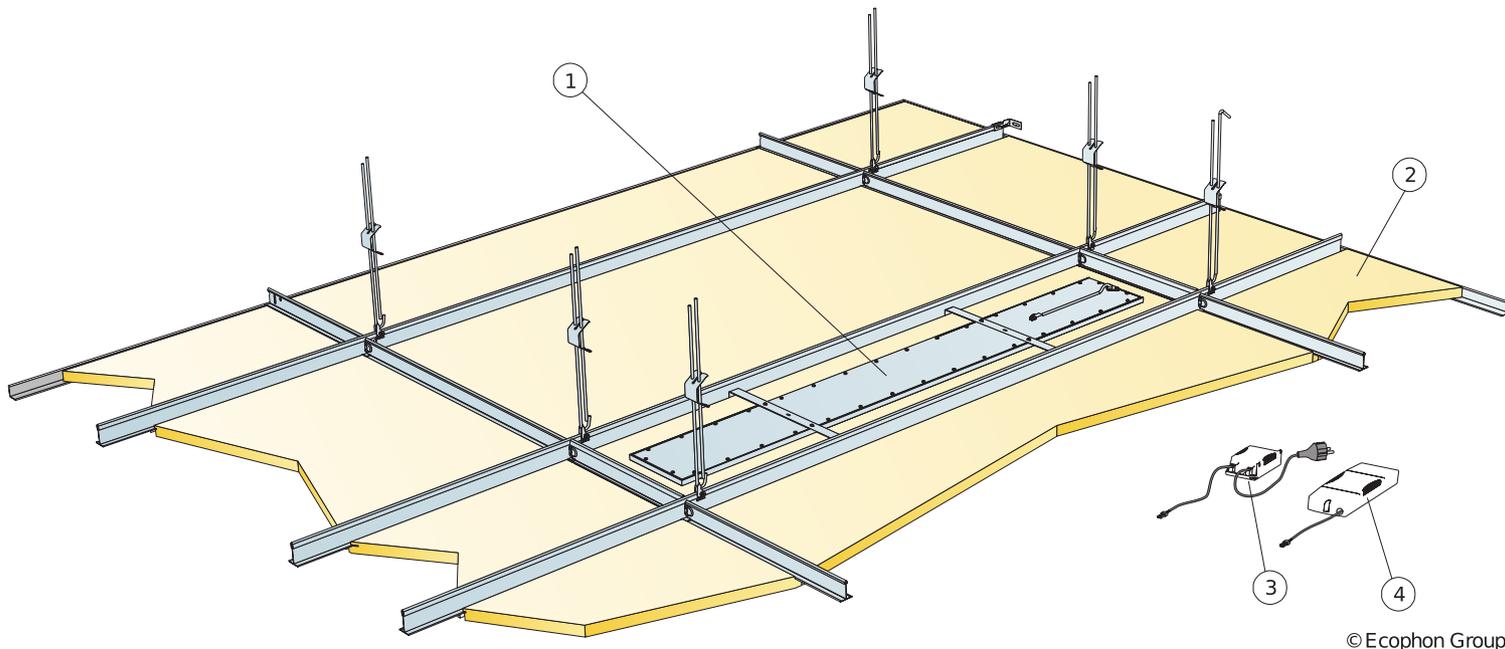


Line Dg and E luminaire house resting on main runner

Size, mm	Max live load (N)	Min load bearing capacity (N)
1200x600x20		160

Live load/load bearing capacity

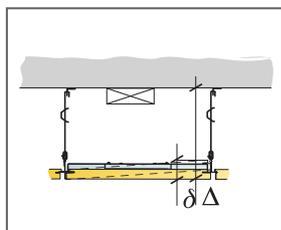
INSTALLATION DIAGRAM (M520) FOR ECOPHON LINE LED LP



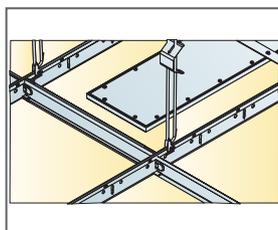
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QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm	
	1200x150	1200x300
1 Ecophon Line LED Lp Kit	1/luminaire	1/luminaire
2 Focus Lp (adjacent ceiling)	as required	as required
3 Ecophon Dot/Square/Line standard On/Off Ballast (included) [Alt.1]	-	-
4 Ecophon Dot/Square/Line SwitchDIM/DAI Ballast (included) [Alt.2]	-	-
Δ Min. overall depth of system: 115 mm	-	-
δ Min. demounting depth: 30 mm	-	-
When selecting standard on/off ballast, connect only to a toggle power switch. When using the SwitchDIM/DAI ballast connecting the SwitchDIM function, use a spring loaded power switch.	-	-
When selecting the SwitchDIM/DAI ballast utilizing the DAI function, connect only to a DAI compatible controller.	-	-



See Quantity specification



Line Lp luminaire house resting on cross tee

Size, mm	Max live load (N)	Min load bearing capacity (N)
1200x150x20	0	160
1200x300x20	0	160

Live load/load bearing capacity