

Vesper L (3 spots to 1 driver)

Fixed

SPECIFICATIONS

Beam angle	50° (wider beam angle on request for non <UGR19 applications)
Fixture material	Housing aluminium / front cover: ABS / lens: Polycarbonate
CCT	3000K / 4000K
CRI	93
IK rate	IK03
IP rate	IP20
Operating temperature	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN62471
Colour consistency	MacAdam Step 3
Warranty	7 years
Safety Class	III
Energy Class	These products contain a light source of energy class F (3000K/ 4000K).

This luminaire contains built-in LED lamps. There are no exchangeable parts inside the luminaire. EU 874/2012

MADE IN HOLLAND

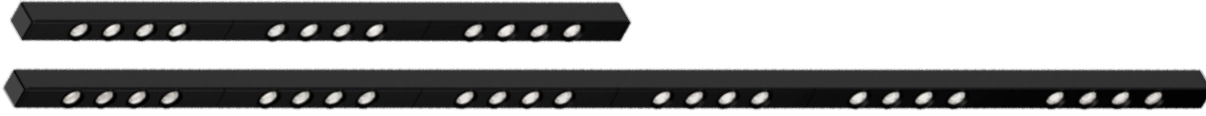
7 YEAR WARRANTY

ECO

IP20

VESPER L (3 SPOTS TO 1 DRIVER)

max 1400 mA



ITEM SPECIFICATIONS

Description	Item code	Input	Vf	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Vesper L 550 L4CS max 2700Lm 3000K 50°	V10A03BL9SE2	max 1400mA	18,6	26,0	2700	104	CRI93	x	x	x	x	III	F
Vesper L 550 L4CS max 2800Lm 4000K 50°	V10B03BL9SE2	max 1400mA	18,6	26,0	2800	108	CRI93	x	x	x	x	III	F
Vesper L 1090 L4CS max 2700Lm 3000K 50°	V20A03BL9SE2	max 1400mA	18,3	25,6	2700	105	CRI93	x	x	x	x	III	F
Vesper L 1090 L4CS max 2800Lm 4000K 50°	V20B03BL9SE2	max 1400mA	18,3	25,6	2800	109	CRI93	x	x	x	x	III	F

Description	Weight	Dimensions carton	Quantity per carton	Expected Lifetime			Reported Lifetime**		
				L70B10	L80B10	L90B10	L70B10	L80B10	L90B10
Vesper L 550 L4CS	230 gr*	1255x335x215 mm	48 pcs	177.000 hrs	113.000 hrs	51.000 hrs	>102.000 hrs	>102.000 hrs	51.000 hrs
Vesper L 1090 L4CS	460 gr*	1255x335x215 mm	24 pcs	177.000 hrs	113.000 hrs	51.000 hrs	>102.000 hrs	>102.000 hrs	51.000 hrs

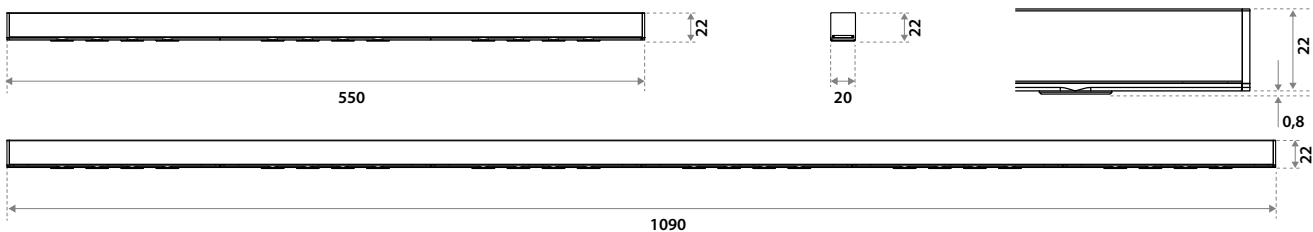
All values are measured at 230V (+/- 7%). * Weight is measured without mounting options. **Based on 17.000hrs of LM80 testing at 700mA and a Tc85 °C.

CHOOSE YOUR LV LUMEN OUTPUT

Vesper L 550	mA	3 spots		Lumen Output		Lumen / Watt		UGR		Advised PSU	
		Vf	W	3000K	4000K	3000K	4000K	3000K	4000K	No dim	Dali
Standard	1050	53,7	56,4	2075	2175	110	116	17,2	17,3	127568	126566
Special request	1200	54,6	65,5	2350	2450	108	112	17,6	17,8	127568	126566
Special request	1300	55,5	72,2	2525	2625	105	109	17,9	18	127568	126566
Standard	1400	55,8	78,1	2700	2800	104	108	18,1	18,2	127568	126566

Vesper L 1090	mA	3 spots		Lumen Output		Lumen / Watt		UGR		Advised PSU	
		Vf	W	3000K	4000K	3000K	4000K	3000K	4000K	No dim	Dali
Standard	1050	53,1	55,8	2075	2175	112	117	14,8	14,9	127568	126566
Special request	1200	53,7	64,4	2350	2450	109	114	15,2	15,3	127568	126566
Special request	1300	54,6	71,0	2525	2625	107	111	15,5	15,6	127568	126566
Standard	1400	54,9	76,9	2700	2800	105	109	15,7	15,8	127568	126566

DIMENSIONS

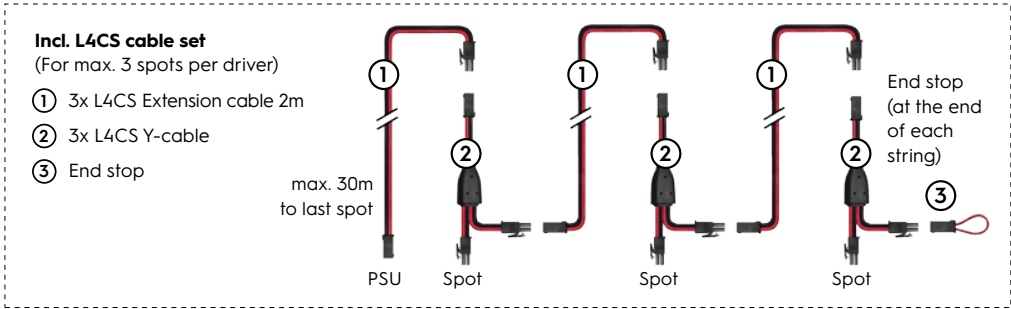


PSU (INCL. L4CS CABLE SET 3L)



PSU 78W No dim TCI 127568
359x30x21 mm
Exp. lifespan 100.000 hrs
Incl. cable set 3L and wire grip

PSU 78W Dali TCI 126566
359x30x21 mm
Exp. lifespan 100.000 hrs
Incl. cable set 3L and wire grip

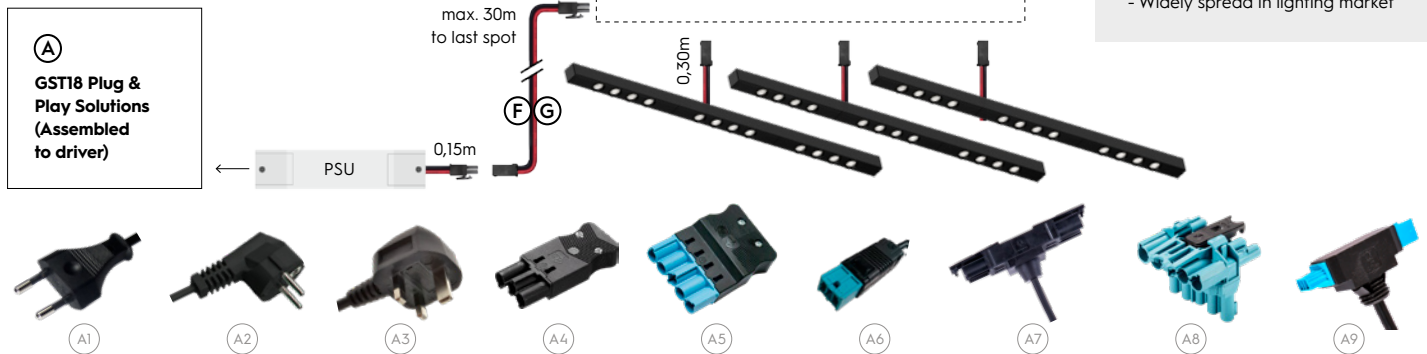


Item specifications (PSU)

Driver types	Supplier name	Item code	Input	W	Max mA	Max Vf	Pf	Eff.	Inrush current	B-16A Fuse
PSU 78W 1050mA No dim TCI + L4CS cable set 3L	127568	05M203MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µS	30 pcs
PSU 78W 1050mA Dali TCI + L4CS cable set 3L	126566	05M303MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µS	30 pcs
PSU 78W 1400mA No dim TCI + L4CS cable set 3L	127568	05L603MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µS	30 pcs
PSU 78W 1400mA Dali TCI + L4CS cable set 3L	126566	05L803MLMA03	220-240V AC/DC	78W	350-1400	56	0.95	>91%	10A200µS	30 pcs

All values are measured at 230V (+/- 7%).

PLUG & PLAY CABLE SYSTEM 3/5P



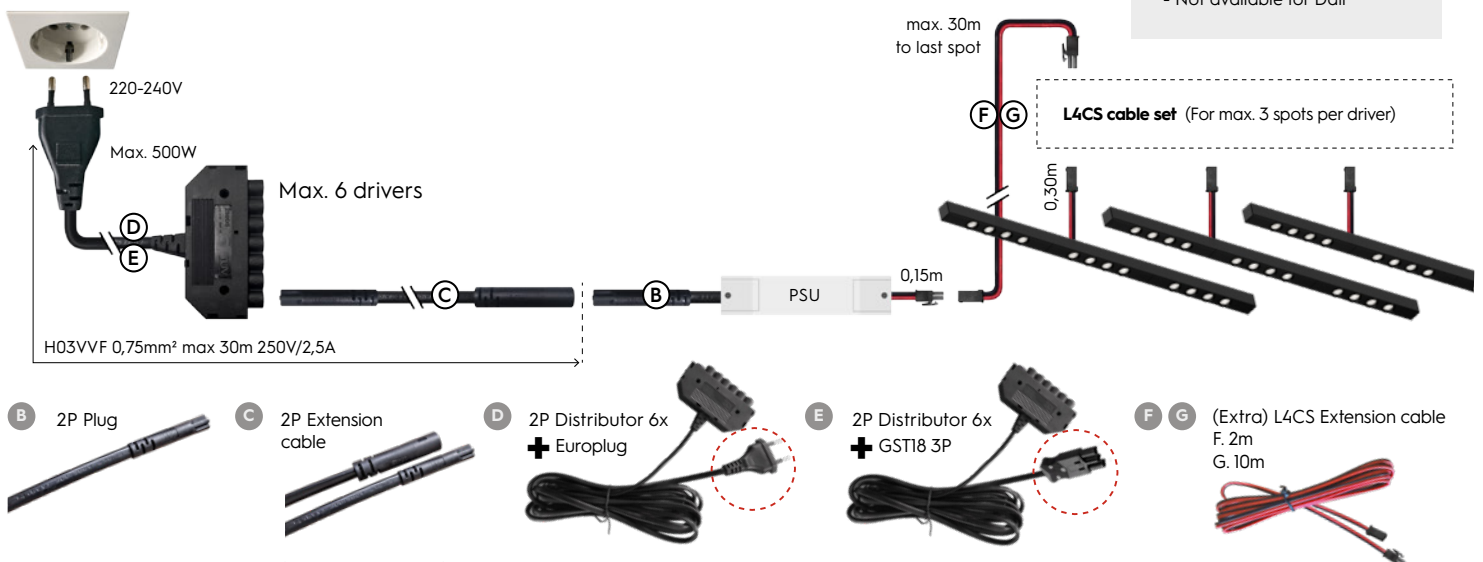
Item specifications (accessories)

Description	Class	Length	Item code
A1 Euro plug incl. cable	II	2.0 m	015203BL1200
A2 Schuko plug incl. cable	I	1.5 m	1C5203BLA000
A3 UK plug incl. cable	II	2.0 m	0A5203BL1200
A4 3P GST18 male incl. cable 2x0.75mm²	II	0.3 m	455203BL0000
A4 3P GST18 male incl. cable 2x0.75mm²	II	3.0 m	455203BL1500
A4 3P GST18 male incl. cable 3x0.75mm²	I	0.3 m	4A5203BL0000
A4 3P GST18 male incl. cable 3x0.75mm²	I	3.0 m	4A5203BL1500
A5 5P GST18 male 1-10V/Dali incl. cable 4x0.75mm²	II	0.3 m	655203BL0000
A5 5P GST18 male 1-10V/Dali incl. cable 4x0.75mm²	II	3.0 m	655203BL1500

Description	Class	Length	Item code
A5 5P GST18 male 1-10V/Dali incl. cable 5x0.75mm²	I	0.3 m	6A5203BL0000
A5 5P GST18 male 1-10V/Dali incl. cable 5x0.75mm²	I	3.0 m	6A5203BL1500
A6 BST14i male Dali incl. cable	III	0.5 m	095203BL0000
A6 BST14i male Dali incl. cable	III	3.0 m	095203BL1500
A7 3P GST18 T-splitter male incl. cable	II	0.2 m	459203BL0000
A7 3P GST18 T-splitter male incl. cable	I	0.2 m	4A9203BL0000
A8 5P GST18 T-splitter male 1-10V/Dali	I / II	x	659203BU0000
A9 BST14i T-splitter male 1-10V/Dali incl. cable	III	0.2 m	099203BL0000

DISTRIBUTOR SYSTEM 2P*

*Not for Dali.

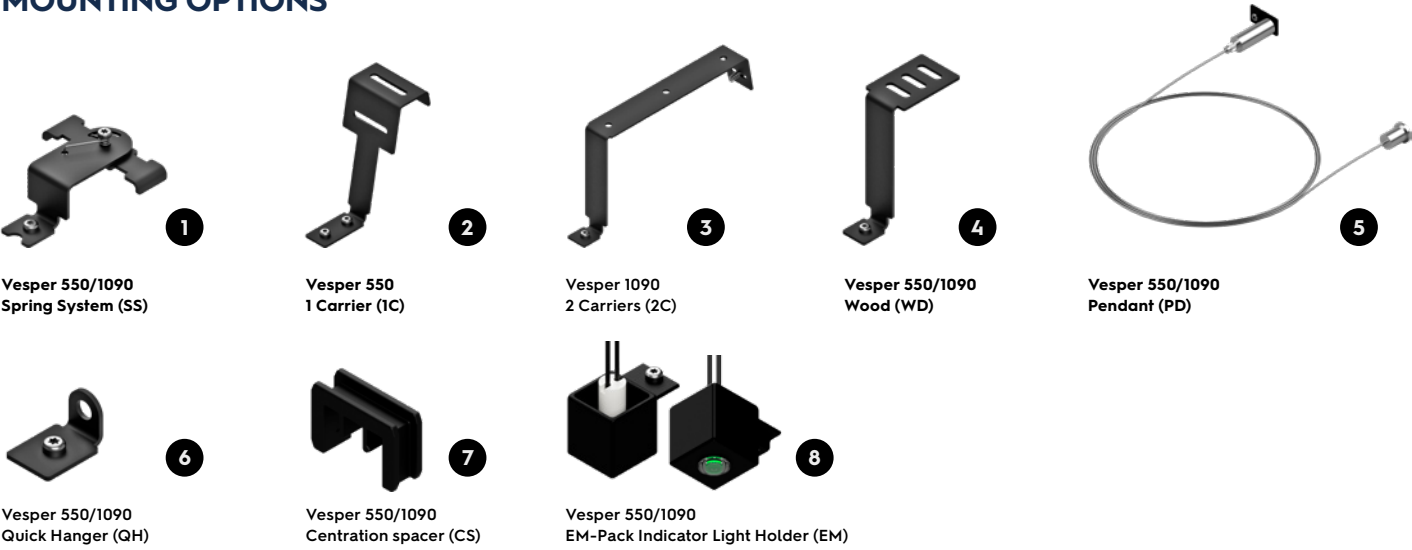


Item specifications (accessories)

Description	Specification	Class	Length	Item code
B 2P Plug 0,15m *	HV 0,15m male (0,75mm²)	II	0,15 m	6J5203BL1B02
C 2P Extension cable	HV Ø7,6mm 2m m/f (0,75mm²)	II	2.0 m	6F5203BL1202
D 2P Distributor 6x + Europlug	HV Ø7,6mm 6x + cable 3m 2,5A	II	3.0 m	665203BL2502
E 2P Distributor 6x + GST18 3P	HV Ø7,6mm 6x + cable 3m 2,5A	II	3.0 m	665203BL1502
F L4CS Extension cable 2m	LV 2m m/f (0,34mm²)	II	2.0 m	6B5203BL1202
G L4CS Extension cable 10m	LV 10m m/f (0,34mm²)	II	10.0 m	6E5203BL1202

*Assembled to driver, not for Dali drivers.

MOUNTING OPTIONS

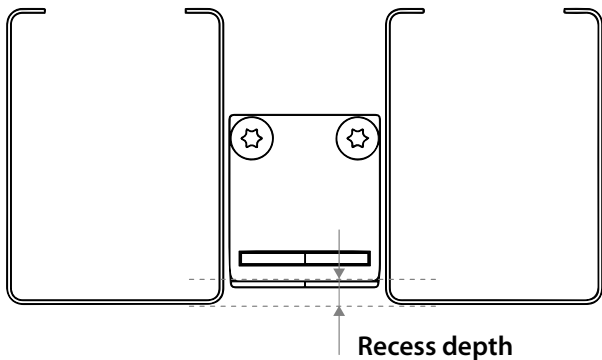


Item specifications

Description		Item code
1	Bracket with Spring System (SS-2pcs)	000V0300B100
2	Bracket for 1 Carrier (1C-1pc only for Vesper 550)	000V0300B200
3	Bracket for 2 Carriers (2C-2pcs only for Vesper 1090)	000V0300B300
4	Bracket for Wooden beam (WD-2pcs)	000V0300B400
5	Pendant set (PD-2pcs)	000V0300B500
6	Bracket for Quick Hanger (QH-2pcs)	000V0300B600
7	Centration spacer for 30mm panel distance (CS-2pcs)	000V0300B700
8	EM-Pack Indicator Light Holder (EM-1pc)	000V0300B800

Recess Depth

Recess Depth (RD in mm) for various ceiling types	Spring System (SS)	1 Carrier (1C)	2 Carrier (2C)	Wood (WD)	Quick Hanger (QH)	Pendant (PD)
HD Heartfelt® Linear (40HL55)	x	6	6	6	Adjustable	Adjustable
HD Heartfelt® Groove (60HG50)	x	2	2	2	Adjustable	Adjustable
HD BD30	5	x	x	x	Adjustable	Adjustable
Interalu SAPP	5	x	x	x	Adjustable	Adjustable
Ecophon U30	2	x	x	x	Adjustable	Adjustable



MOUNTING OPTIONS

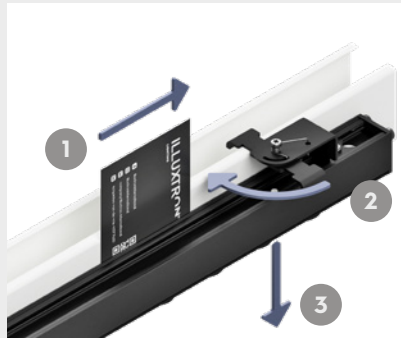
VESPER 550/1090 SPRING SYSTEM (SS)

Ceilings

- Hunter Douglas 30BD
- Interalu SAPP
- Ecophon U30

Functions

- Sliding mounting brackets with folding spring mechanism.
- Centration spacers for ceilings with a panel gap of 30mm are available
- Easy (dis)assembly after installation of ceiling panels.
- Height cannot be adjusted (see table).



VESPER 550 1 CARRIER (1C)

Ceilings

- Hunter Douglas
 - Heartfelt® Linear (40HL55)
 - Heartfelt® Groove (60HG50)

Functions

- A hook can be used to secure the fixture to a single carrier.
- Hook is secured by a screw.
- Height cannot be adjusted (see table).



MOUNTING OPTIONS

VESPER 1090 2 CARRIERS (2C)

3

Ceilings

- Hunter Douglas
 - Heartfelt® Linear (40HL55)
 - Heartfelt® Groove (60HG50)

Functions

- Mounting by sliding brackets.
- The maximum carrier center distance is 1250mm.
- Brackets are secured by screws.
- Height cannot be adjusted (see table).



VESPER 550/1090 WOOD (WD)

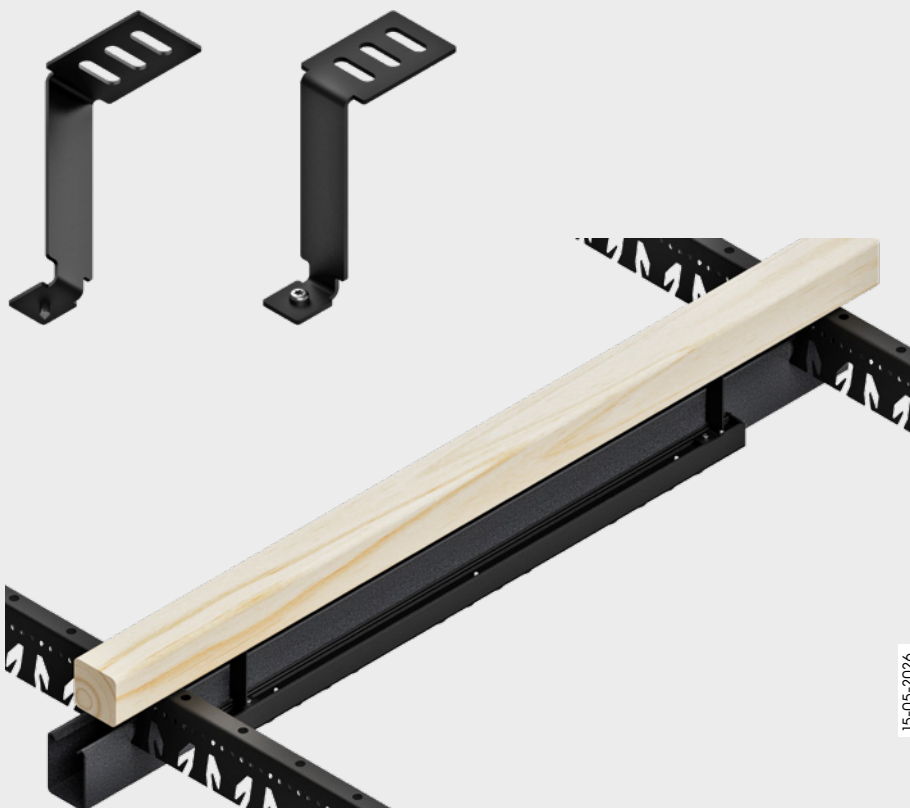
4

Ceilings

- Hunter Douglas
 - Heartfelt® Linear (40HL55)
 - Heartfelt® Groove (60HG50)

Functions

- Movable brackets for mounting on a wooden beam.
- Height cannot be adjusted (see table).



MOUNTING OPTIONS

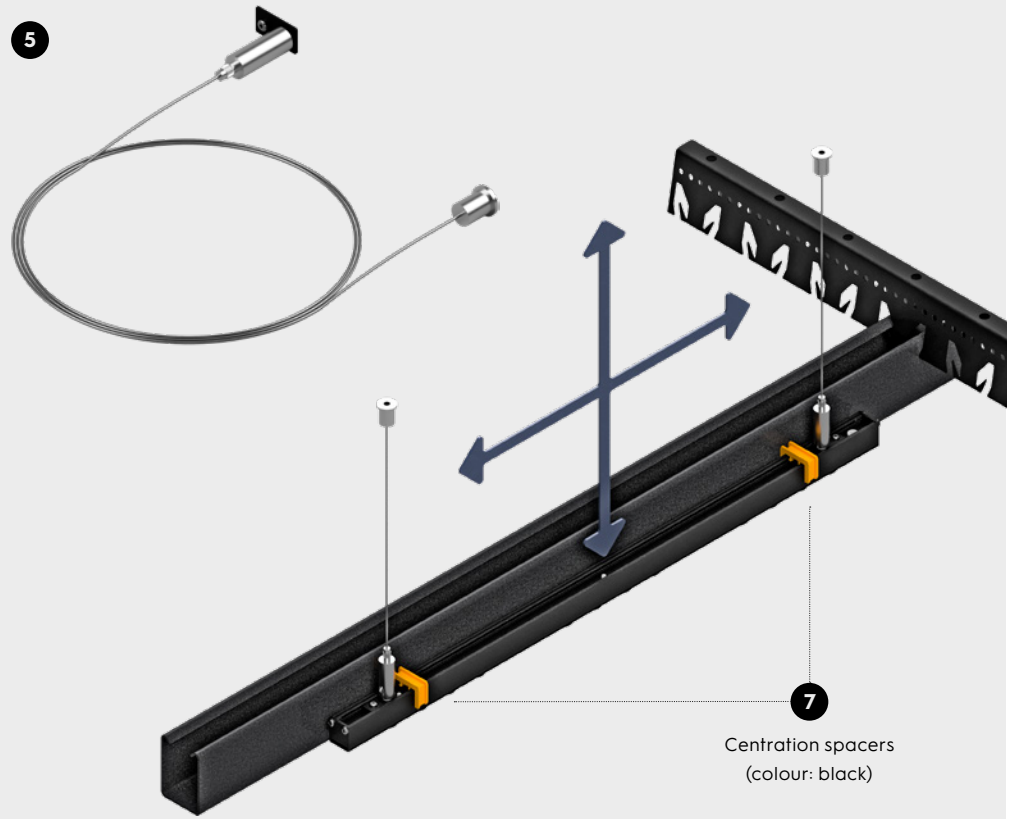
VESPER 550/1090 PENDANT (PD)

Ceilings

- Hunter Douglas
 - Heartfelt® Linear (40HL55)
 - Heartfelt® Groove (60HG50)
 - 30B
- Interalu
 - SAPP
- Ecophon
 - U30

Functions

- Adjustable height of two metres.
- Sliding mounting points allow for flexibility in proximity to ceiling carriers and other structures.
- Weight of the fixture is not added to the ceiling structure.
- Centration spacers for ceilings with a panel gap of 30mm are available.



Centration spacers
(colour: black)

VESPER 550/1090 QUICK HANGER* (QH)

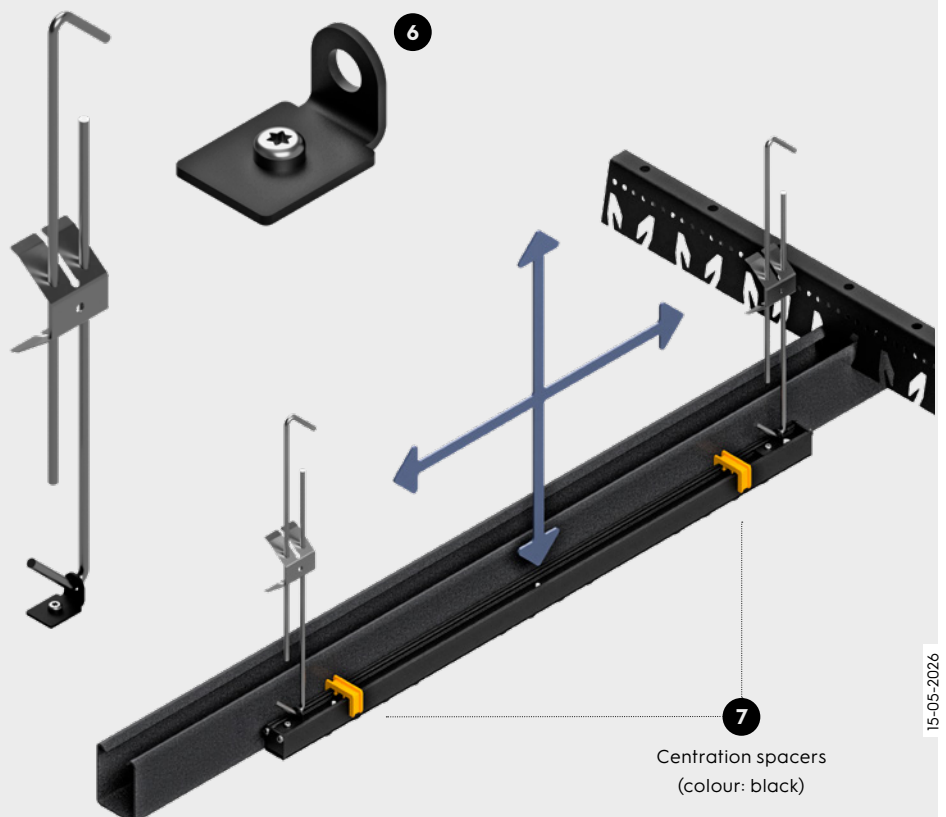
Ceilings

- Hunter Douglas
 - Heartfelt® Linear (40HL55)
 - Heartfelt® Groove (60HG50)
 - 30B
- Interalu
 - SAPP
- Ecophon
 - U30

Functions

- Quick hangers provide height adjustment.
- Sliding mounting points allow for flexibility in proximity to ceiling carriers and other structures.
- Weight of fixture is not added to the ceiling structure.
- Centration spacers for ceilings with a panel gap of 30mm are available.

* Quick hangers not included. Suitable for quick hangers with a maximum bar diameter of 4mm.



Centration spacers
(colour: black)