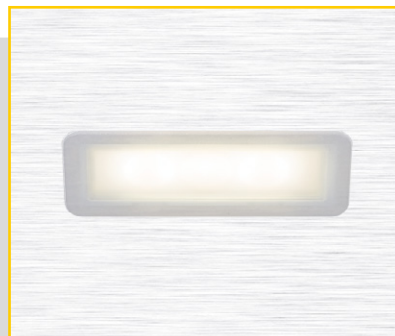


LED SPOT

REVO



REVO – RECESSED MOUNTED LED SPOT

A rectangular LED spotlight has never been so elegant and so powerful. It's time to give a linear shape to your light.

Revo is available with plastic or metal frame. The LEDSpot is available as constant-current oder constant-voltage module. The Tuneable White version has a dynamic colour temperature.

Typical applications

- Furniture lighting
- Residential lighting
- Retail lighting



Revo

- **CONSTANT-CURRENT OR VOLTAGE-DRIVEN**
- **MODULAR DESIGN**
- **TUNEABLE WHITE VERSION**
- **5 YEARS GUARANTEE**
- **MADE IN ITALY**

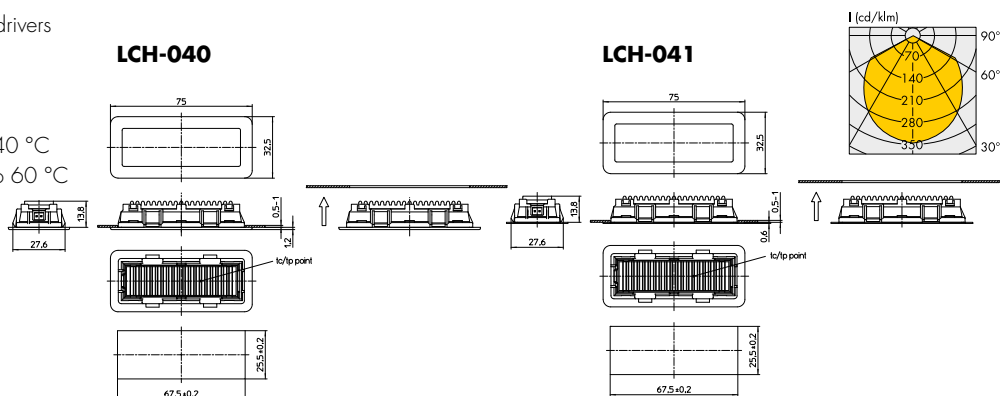


Revo – 700 mA

Complete LEDSpot equipped with optics and frame

Technical notes

Rectangular frame LCH-040: plastics
 Rectangular frame LCH-041: metal, silver
 For cut-out: 67.5 x 25 x 5 mm
 LEDSpot with 3 LEDs
 Beam angle: 60°
 CRI R_a : 80
 Use of external LED constant-current drivers
 Snap-in clips for easy installation
 Degree of protection: IP20
 (LCH-040: IP44 front part)
 Allowed ambient temperature: 0 to 40 °C
 Allowed storage temperature: -30 to 60 °C
 Lumen maintenance L70/B50:
 50,000 hrs. ($t_c/t_p = 70$ °C)
 Max. operating temperature at
 t_c/t_p point: 90 °C
 Weight: 20 g
 Packaging unit: 162 pcs.



Type	Description	Ref. No.	Colour	Correlated colour temperature K	Typ. luminous flux (lm) and typ. voltage (U_{yp}) and power consumption (P_{el})*						Typ. CRI R_a	Beam angle °	Light intensity at max. current Candela	Energy efficiency at max. current
					350 mA		500 mA		700 mA					
					lm	lm/W	lm	lm/W	lm	lm/W				
					$P_{el} = 1.1$ W		$P_{el} = 1.6$ W		$P_{el} = 2.3$ W					
					$U_{yp} = 3.08$ V		$U_{yp} = 3.17$ V		$U_{yp} = 3.25$ V					

Revo 700 mA

LCH-040	Revo P - S5	567233	neutral white	3700...4200	125	114	180	113	255	111	80	60	95	A++
LCH-041	Revo - S5	on request	warm white	2870...3220	115	106	170	106	240	104	80	60	95	A++
LCH-041	Revo - S5	563290	neutral white	3700...4200	125	114	180	113	255	111	80	60	95	A++

Emission data at $t_j = 85$ °C | * Production tolerance of luminous flux, voltage and power consumption: $\pm 7\%$ | Further colour temperatures on request
 LCH-041: silver brushed frame on request

LED drivers

You will find more information about our LED drivers on our website: www.vossloh-schwabe.com

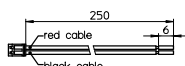
Capacity range W	Output current DC mA	Output voltage DC V	Ref. No.	Version	Current setting	Dimming	Max. service life time (hrs.)	Dimensions: mm (LxWxH)
700 mA								
5.6	700	2.8–8	186348	Easyline	—	—	50,000	81.6x42.5x23
17.5	700	2–25	186681	ComfortLine	—	—	100,000	128x37x28
350 mA								
8.75	350	2–25	186519	ComfortLine	—	—	100,000	65x30.7x21.5
11	350	2–32	186679	ComfortLine	—	—	100,000	128x37x28

Please ensure you choose the correct LED driver for the module in question and that the respective output parameters (current, voltage, wattage) are correct.

Cable set

Leads: Cu tinned, stranded conductors AWG22,
 PVC-insulation, lengths: 250 mm

Ref. No.: 561868



The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Revo S 12 V DC

Complete LEDSpot equipped with optics, heat sink, leads and frame

Homogeneous light field, no individual light points visible.

Technical notes

Rectangular frame: metal, silver

For cut-out: 67.5x25x5 mm

LEDSpot with 9 LEDs

Beam angle: 70°

CRI R_a: 80

Leads: Cu tinned, stranded conductors AWG22,

PVC-insulation, length: 200 mm

Use of external LED constant-voltage converter

Snap-in clips for easy installation

Degree of protection: IP20

Allowed ambient temperature: 0 to 40 °C

Allowed storage temperature: -30 to 60 °C

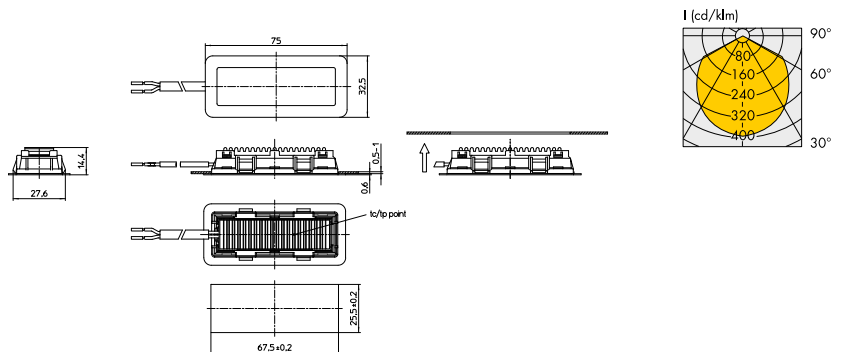
Lumen maintenance L70/B50:

50,000 hrs. (t_c/t_p = 70 °C)

Max. operating temperature at t_c/t_p point: 90 °C

Weight: 30 g

Packaging unit: 162 pcs.



Type	Description	Ref. No.	Colour	Correlated colour temperature K	Max. power consumption W	Typ. luminous flux* lm	Typ. CRI R _a	Beam angle °	Light intensity Candela	Energy efficiency
LCH048	Revo S - 3528	569279	neutral white	3700...4200	2.5	220	80	70	80	A++

* Production tolerance of luminous flux, voltage and power consumption: ±10% | Further colour temperatures on request

LED converter

You will find more information about our LED converter on our website: www.vossloh-schwabe.com

Capacity range W	Mains voltage 50–60 Hz V ±10 %	Output current A	Ref. No.	Version	Max. service life time hrs.	Service life time at °C	Connection	Dimensions LxWxH mm
6	220–240	0–0.5	186412	EasyLine	50,000	55	Preassembled leads	81.6x42.5x23
12	220–240	0–1	186204	ComfortLine	100,000	65	Screw terminals	103.5x36x22
20	220–240	0–1.68	186620	EasyLine	50,000	65	Screw terminals	123x45x19
60	220–240	0–5	186621	EasyLine	50,000	70 / 80	Screw terminals	180x52x30
75	220–240	0–6.25	186622	EasyLine	50,000	75	Screw terminals	180x52x30
100	220–240	0–8.4	186623	EasyLine	50,000	70 / 80	Screw terminals	300x40x30

Please ensure you choose the correct LED driver for the module in question and that the respective output parameters (current, voltage, wattage) are correct.

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Revo TW – 12 V DC

Complete LEDSpot equipped with optics, leads and frame

With dynamic colour temperature

Technical notes

CA system control

Rectangular frame LCH-046: metal, silver

For cut-out: 67.5x25x5 mm

LEDSpot with 6 LEDs

Beam angle: 60°

CRI R_a: 80

Leads: Cu tinned, stranded conductors AWG22,

PVC-insulation, length: 200 mm

Use of external LED constant-voltage converter

Snap-in clips for easy installation

Degree of protection: IP20

Allowed ambient temperature: 0 to 40 °C

Allowed storage temperature: -30 to 60 °C

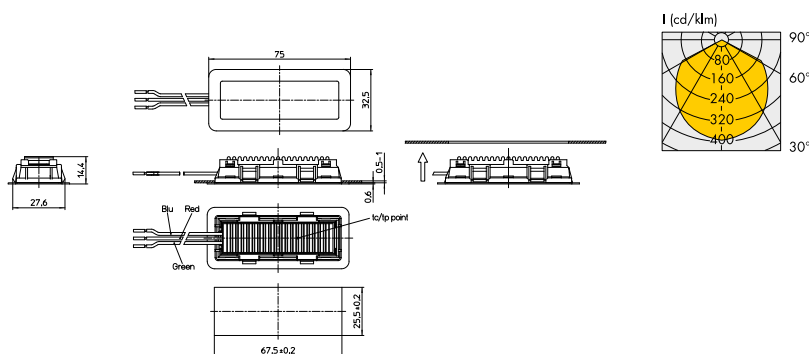
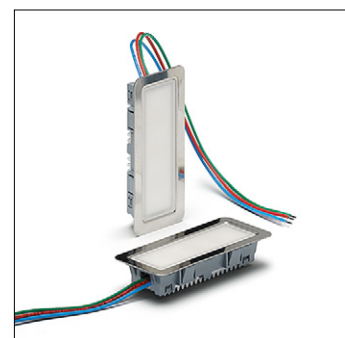
Lumen maintenance L70/B50:

50,000 hrs. (t_c/t_p = 70 °C)

Max. operating temperature at t_c/t_p point: 90 °C

Weight: 20 g

Packaging unit: 162 pcs.



Type	Description	Ref. No.	Colour	Correlated colour temperature K	Max. power consumption W	Typ. luminous flux* lm	Typ. CRI R _a	Beam angle °	Light intensity Candela	Energy efficiency
LCH-46	Revo TW	569284	warm white	2700	2	120	80	60	55	A+
			neutral white	4000		135			65	

* Production tolerance of luminous flux, voltage and power consumption: ±10% | Further colour temperatures on request

LED converter

You will find more information about our LED converter on our website: www.vossloh-schwabe.com

Capacity range W	Mains voltage 50–60 Hz V ±10 %	Output current A	Ref. No.	Version	Max. service life time hrs.	Service life time at °C	Connection	Dimensions LxWxH mm
6	220–240	0–0.5	186412	EasyLine	50,000	55	Preassembled leads	81.6x42.5x23
12	220–240	0–1	186204	ComfortLine	100,000	65	Screw terminals	103.5x36x22
20	220–240	0–1.68	186620	EasyLine	50,000	65	Screw terminals	123x45x19
60	220–240	0–5	186621	EasyLine	50,000	70 / 80	Screw terminals	180x52x30
75	220–240	0–6.25	186622	EasyLine	50,000	75	Screw terminals	180x52x30
100	220–240	0–8.4	186623	EasyLine	50,000	70 / 80	Screw terminals	300x40x30

Please ensure you choose the correct LED driver for the module in question and that the respective output parameters (current, voltage, wattage) are correct.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Revo – 24 V DC and 12 V DC

Complete LEDSpot equipped with optics, leads and frame

Technical notes

Rectangular frame LCH-037/LCH-034: plastics
Rectangular frame LCH-038/LCH-035: metal, silver
For cut-out: 67,5x25x5 mm

LEDSpot with 3 LEDs

Beam angle: 60°

CRI R_a: 80

Use of external LED constant-voltage converter

Snap-in clips for easy installation

Degree of protection: IP20

(LCH-037/LCH-034: IP44 front part)

Allowed ambient temperature: 0 to 40 °C

Allowed storage temperature: -30 to 60 °C

Lumen maintenance L70/B50:

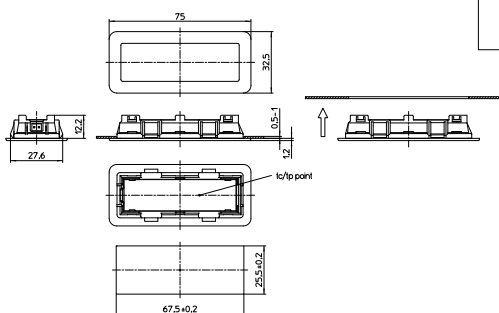
50,000 hrs. (t_c/t_p = 70 °C)

Max. operating temperature at t_c/t_p point: 90 °C

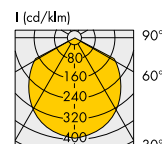
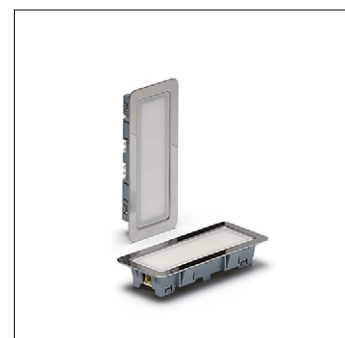
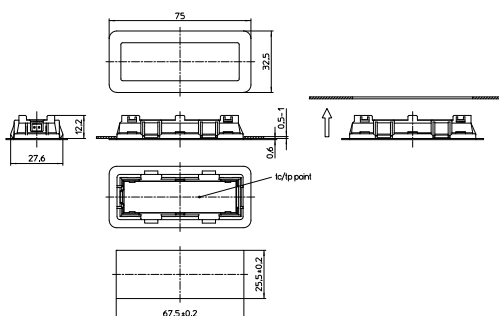
Weight: 20 g

Packaging unit: 162 pcs.

LCH-037/LCH-034



LCH-038/LCH-035



Type	Description	Ref. No.	Colour	Correlated colour temperature K	Max. power consumption W	Typ. luminous flux* lm	Typ. CRI R _a	Beam angle °	Light intensity Candela	Energy efficiency
Revo 24 V										
LCH-037	Revo P -757	566617	warm white	2870...3220	1.3	130	80	60	50	A++
LCH-038	Revo - 757	566619	warm white	2870...3220	1.3	130	80	60	50	A++
LCH-038	Revo - 757	on request	neutral white	3710...4260	1.3	140	80	60	55	A++
Revo 12 V										
LCH-034	Revo P -757	on request	warm white	2870...3220	1.3	115	80	60	45	A++
LCH-034	Revo P -757	567345	neutral white	3710...4260	1.3	125	80	60	50	A++
LCH-035	Revo - 757	564831	neutral white	3710...4260	1.3	125	80	60	50	A++

* Production tolerance of luminous flux, voltage and power consumption: ±10% | Further colour temperatures on request

Cable set

Leads: Cu tinned, stranded conductors AWG22,

PVC-insulation, lengths: 250 mm

Ref. No.: 561868



The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Revo – 24 V DC and 12 V DC

LED converter

You will find more information about our LED converter on our website: www.vossloh-schwabe.com

Capacity range W	Mains voltage 50–60 Hz V ±10 %	Output current A	Ref. No.	Version	Max. service life time hrs.	Service life time at °C	Connection	Dimensions LxWxH mm
24 V								
20	220–240	0–0.85	186129	ComfortLine	100,000	65	Screw terminals	182x42x18
30	220–240	0–1.25	186624	EasyLine	50,000	70	Screw terminals	153x41.4x32
60	220–240	0–2.5	186625	EasyLine	50,000	75	Screw terminals	180x52x30
75	220–240	0–3.125	186626	EasyLine	50,000	80	Screw terminals	180x52x30
120	220–240	0–5	186627	EasyLine	50,000	80	Screw terminals	300x40x30
12 V								
6	220–240	0–0.5	186412	EasyLine	50,000	55	Preassembled leads	81.6x42.5x23
12	220–240	0–1	186204	ComfortLine	100,000	65	Screw terminals	103.5x36x22
20	220–240	0–1.68	186620	EasyLine	50,000	65	Screw terminals	123x45x19
60	220–240	0–5	186621	EasyLine	50,000	70 / 80	Screw terminals	180x52x30
75	220–240	0–6.25	186622	EasyLine	50,000	75	Screw terminals	180x52x30
100	220–240	0–8.4	186623	EasyLine	50,000	70 / 80	Screw terminals	300x40x30

Please ensure you choose the correct LED driver for the module in question and that the respective output parameters (current, voltage, wattage) are correct.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

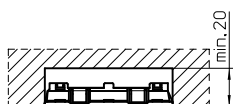
Revo – Installation Instruction

General safety information

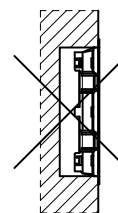
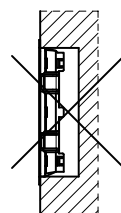
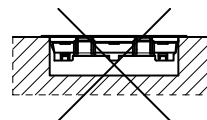
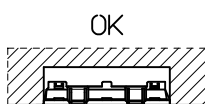
- VS product may only be installed and commissioned by authorised and fully qualified staff.
- These instructions must be carefully read before installing and commissioning the system, as this is the only way to ensure safe and correct handling.
- An external converter in 12 V DC or 24 V DC or an external constant-current driver of max. 700 mA is required.
- Before any work is carried out on the equipment, it must be disconnected from the mains.
- All valid safety and accident-prevention regulations must be observed.
- The products should never be inexpertly opened. Repairs may only be undertaken by the manufacturer.
- Dimming: The dimming characteristics of the installed converter have to be observed.
- The photo biological safety of the LED modules is classified into risk groups in accordance with EN 62471: 2008 and IEC TR 62778: risk group 1.

See drawing and cut out for each product on previous pages.

Built-in



Korrekte Position

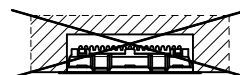


Revo with heat sink

Built-in



Correct position



All VS LED Spots at a glance

Tiny

LEDSpot with optics, leads and metal frame
For cut-out: Ø 26 mm
Beam angle: 36°
Lumen output: max. 140 lm
Versions: CC, CV, Kit



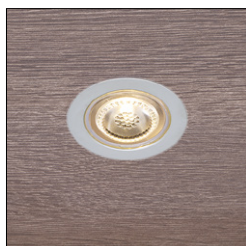
StartLine

LEDSpot with optics, heat sink, leads and frame
For cut-out: Ø 56 mm
Beam angle: 30°, 36°, 38°
Lumen output: max. 250 lm
Versions: CC, CV



EffectLine

LEDSpot with optics, heat sink, leads and metal frame
For cut-out: Ø 37 mm
Beam angle: 10°, 16°, 28° or 38°
Lumen output: max. 250 lm
Versions: CC



IPLine

LEDSpot IP54 with optics, heat sink, leads and metal frame
For cut-out: Ø 56 mm
Beam angle: 40°
Lumen output: max. 330 lm
Versions: CC



FlatLine

LEDSpot with optics, leads and metal frame
For cut-out: Ø 56 mm
Beam angle: 60°, 70°
Lumen output: max. 270 lm
Versions: CC, CV, TW, Kit



Discline

LEDSpot with optics, heat sink, leads and metal frame
For cut-out: Ø 56 mm
Beam angle: 45°, 55°
Lumen output: max. 220 lm
Versionen CC



SmartLine COB

LEDSpot with optics, heat sink, leads and metal frame
For cut-out: Ø 56 mm
Beam angle: 40°
Lumen output: max. 330 lm
Versions: CC



SoftLine

LEDSpot with heat sink, leads and metal frame
For cut-out: Ø 56 mm
Beam angle: 90°
Lumen output: max. 225 lm
Versions: CV



SmartLine SMD

LEDSpot with optics, heat sink, leads and metal frame
For cut-out: Ø 56 mm
Beam angle: 36°, 40°
Lumen output: max. 250 lm
Versions: CC, CV



Revo

LEDSpot with optics and frame
For cut-out: 67.5x25x5 mm
Beam angle: 60°, 70°
Lumen output: max. 255 lm
Versions: CC, CV, TW



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