

LED SPOTS SOFTLINE

CONSTANT-VOLTAGE



CONVENIENT LED TECHNOLOGY

As the perfect replacement for halogen lamps, these LEDSpots are ideal for use in furniture and shelves.

The constant-voltage supply offers an easy and simple connection system. SoftLine LEDSpots have an homogeneous light distribution, unique in its range of products.

Complete LEDSpots with frame

- Replacement for Halogen lamps 20–35 W
- Flat LED spot with heat sink and frame based on SMD modules
- For built-in into wooden shelves

Typical applications for LEDSpots

- Replacement of residential spots with G4 lamps
- Furniture lighting
- Marking paths, stairs, etc.
- Retail lighting



LEDSpot SoftLine 24 V DC

Complete LEDSpot equipped with heat sink, leads and metal frame

Technical notes

Constant voltage: 24 V DC

Metal frame, round

For cut-out: Ø 56 mm

LEDSpot with 6 LEDs and with thermoplastic heat sink

Beam angle: 65°

Front diffuse cover for homogeneous light distribution

CRI: 80

Leads: Cu tinned, stranded conductors AWG22,

PVC-insulation, length: 250 mm

Use of external LED constant-voltage converters

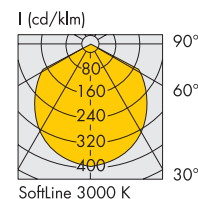
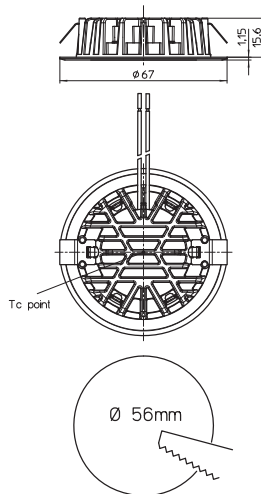
Snap-in clips for easy installation into wooden shelves

Degree of protection: IP20 (front: IP40)

Weight: 40 g

Packaging unit: 45 pcs.

LCH-032



Type	Description	Ref. No.	Colour	Correlated colour temperature K	Max. power consumption W	Typ. luminous flux* lm	Typ. CRI R _a	Light intensity at 24 V Candela	Beam angle °	Energy efficiency at 24 V
Frame colour: silver										
LCH032	Soft 757 min P15 24V	563861	warm white	2580...2870	2.8	205	80	80	65	A++
LCH032	Soft 757 min P15 24V	563863	warm white	2870...3220	2.8	225	80	90	65	A++
LCH032	Soft 757 min P15 24V	563865	neutral white	3710...4260	2.8	225	80	90	65	A++
Frame colour: white										
LCH032	Soft 757 min P15 24V	563862	warm white	2580...2870	2.8	205	80	80	65	A++
LCH032	Soft 757 min P15 24V	563864	warm white	2870...3220	2.8	225	80	90	65	A++
LCH032	Soft 757 min P15 24V	563866	neutral white	3710...4260	2.8	225	80	90	65	A++
Frame colour: silver brushed										
LCH032	Soft 757 min P15 24V	563336	warm white	2580...2870	2.8	205	80	80	65	A++
LCH032	Soft 757 min P15 24V	562742	warm white	2870...3220	2.8	225	80	90	65	A++
LCH032	Soft 757 min P15 24V	562885	neutral white	3710...4260	2.8	225	80	90	65	A++

Emission data at $t_j = 80\text{ °C}$ | * Measurement tolerance of luminous flux: $\pm 5\%$ | Further colour temperatures on request

LED constant-voltage converters 24 V

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

Capacity range W	Mains voltage 50–60 Hz V $\pm 10\%$	Output current A	Ref. No.	Version	Max. service life time hrs.	Service life time at °C	Connection	Dimensions LxWxH mm
IP20								
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
IP67								
30	220–240	0–1.25	186633	EasyLine	50.000	70	Preassembled leads	131x42x34
75	220–240	0–3.125	186432	EasyLine	50.000	70	Preassembled leads	155x49x32
100	220–240	0–4.2	186433	EasyLine	50.000	70	Preassembled leads	206x68.6x37
150	220–240	0–6.25	186434	EasyLine	50.000	70	Preassembled leads	206x68.6x37

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.

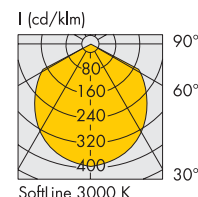
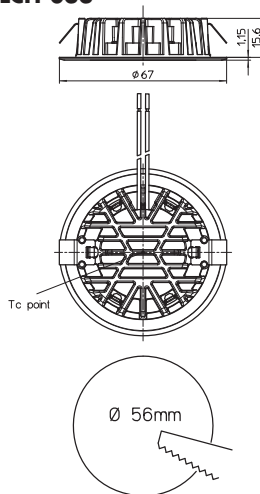
LEDSpot SoftLine 12 V DC

Complete LEDSpot equipped with heat sink, leads and metal frame

Technical notes

Constant voltage: 12 V DC
 Metal frame, round
 For cut-out: Ø 56 mm
 LEDSpot with 6 LEDs and with thermoplastic heat sink
 Beam angle: 65°
 Front diffuse cover for homogeneous light distribution
 CRI: 80
 Leads: Cu tinned, stranded conductors AWG22,
 PVC-insulation, length: 250 mm
 Use of external LED constant-voltage converters
 Snap-in clips for easy installation into wooden shelves
 Degree of protection: IP20 (front: IP40)
 Weight: 40 g
 Packaging unit: 45 pcs.

LCH-033



Type	Description	Ref. No.	Colour	Correlated colour temperature K	Max. power consumption W	Typ. luminous flux* lm	Typ. CRI Ra	light intensity at 12 V Candela	Beam angle °	Energy efficiency at 12 V
Frame colour: silver										
LCH033	Soft 757 12V	on request	warm white	2870...3220	2,8	225	80	90	65	A++
LCH033	Soft 757 12V	on request	neutral white	3710...4260	2,8	225	80	90	65	A++
Frame colour: white										
LCH033	Soft 757 12V	on request	warm white	2870...3220	2,8	225	80	90	65	A++
LCH033	Soft 757 12V	on request	neutral white	3710...4260	2,8	225	80	90	65	A++
Frame colour: silver brushed										
LCH033	Soft 757 12V	562753	warm white	2870...3220	2,8	225	80	90	65	A++
LCH033	Soft 757 12V	562754	neutral white	3710...4260	2,8	225	80	90	65	A++

Emission data at $t_j = 80\text{ °C}$ | * Measurement tolerance of luminous flux: $\pm 5\%$ | Further colour temperatures on request

LED constant-voltage converters 12 V

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Capacity range W	Mains voltage 50–60 Hz V $\pm 10\%$	Output current A	Ref. No.	Version	Max. service life time hrs.	Service life time at $^{\circ}\text{C}$	Connection	Dimensions LxWxH mm
IP20								
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
IP67								
30	220–240	0–2.5	186628	EasyLine	50.000	70	Preassembled leads	131x42x34
75	220–240	0–6.25	186629	EasyLine	50.000	70	Preassembled leads	155x50x32
100	220–240	0–8.34	186630	EasyLine	50.000	70	Preassembled leads	206x68.6x37
150	220–240	0–12.5	186631	EasyLine	50.000	70	Preassembled leads	206x68.6x37

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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Surface Kit with Mounted LEDSpot

To use the surface kit for the LEDSpot SoftLine a special variant of the LEDSpot SoftLine with longer snap-in clips are necessary.
Reference numbers are available on request.

Metal frame to use LEDSpot as surface mounting spots

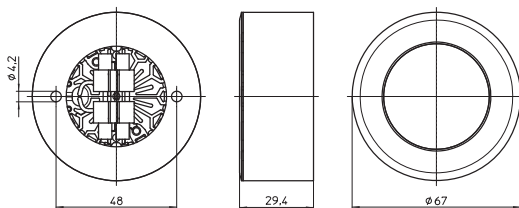
Two single pole terminals for electrical connection inside the kit (frame + spot)

Fixation by self tapping screws

Unit: 90 pcs.

Ref. No.: 554845 Frame colour: white

Ref. No.: 554843 Frame colour: silver



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LEDSpot SoftLine – Installation Instruction

General safety information

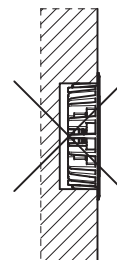
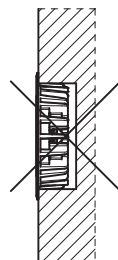
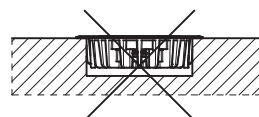
- VS product may only be installed and commissioned by authorised and fully qualified staff.
- These instructions must be carefully read before installing and commissioning the system, as this is the only way to ensure safe and correct handling.
- An external converter in 12 V DC or 24 V DC is required.
- 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.
- In case of broken glass please switch OFF mains (220–240 V) and have a qualified staff replace the complete luminaire.
- Do not use LEDSpots SoftLine in locations containing a bath or shower; LEDSpots SoftLine are IP20 protected.

See drawing and cut out for each product on previous pages

Built-in



Correct position



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