

WIL the industrial light from Weidmüller

Optimal illumination for control cabinets and industrial environments

Easy.
Fast.
Safe.



Weidmüller 

The new WIL series: L, E and S

Perfectly tailored to your application

Thanks to the voltage range of 12...30 V (Premium variants), the new WIL series are perfectly tailored to various individual applications. The light color of 5700 K can also be continuously dimmed for all luminaires.

L-Series



Protected

Different covers for the LEDs make the luminaire ideal for use in machine interiors.

Easy to connect

Thanks to M12 connection technology, the lights are easy to connect via plug-and-play.

Easy to mount and swivel

The rotatable mounting brackets with existing drill holes allow a flawless direct mounting and subsequent positioning of the lighting field.

Modular series connection

With only one power supply, the luminaire enables modular series connection.

E-Series



Protected

The lens made of robust PMMA not only provides the necessary protection, but also ensures homogeneous illumination.

Easy to connect

Thanks to M8 connection technology, the lights are easy to connect via plug-and-play.

Focused light

With focused rather than diffused light, the luminaire provides an optimal way to illuminate individual work areas.

S-Series



Robust and protected

Thanks to full encapsulation of the premium variant, high tightness and additional protection against ingress of solid foreign bodies $\geq 1.0\text{mm}$ (IP69). This enables use in machine interiors.

Easy to connect

Thanks to M8 connection technology, the lights are easy to connect via plug-and-play.

Compact design

Different lengths and a flat installation height of approx. 18mm allow optimal space saving in machines and systems.



	WIL	WIL-E	WIL-L	WIL-S
Voltage	24 V DC	24 V DC Standard / 12...30 V DC Professional	24 V DC Standard / 12...30 V DC Professional	24 V DC Standard / 12...30 V DC Professional
Technical features				
Length	145...865 mm	140...1400 mm	190...750 mm	140...1400 mm
Height	8 mm	35 mm	42 mm	17,5 mm
Protection degree	IP67	IP54	IP67	IP40 - IP69K
Material of LED cover	PUR potting	PMMA	PMMA and ESG*	PUR potting and PMMA
Connection type	M12 incl. cable	M8	M12	M8
Light colour	2700...6500 K	5700 K	5700 K	5700 K
Swiveling	No	Yes	Yes	No
Mounting type	Magnet, Srew	Srew	Srew	Srew
Dimmability	Yes	Yes	Yes	Yes
Temperature range	-20...60 °C	-20...45 °C	-20...45 °C	-20...45 °C
Lifetime at 21°C	60.000 h	60.000 h	60.000 h	60.000 h
Approvals	CE, cULus	CE, cURus	CE, cURus	CE, cURus
Applications				
Control cabinet lighting	●	○	○	○
Standard mechanical engineering	●	●	●	●
Logistic	●	●	●	●
Machine tools incl. lubricants	-	-	●	○
Highest requirements for indoor and outdoor use (IP69K)	-	-	-	●
Fire protection areas (Weights for fire load on request)	-	-	-	●

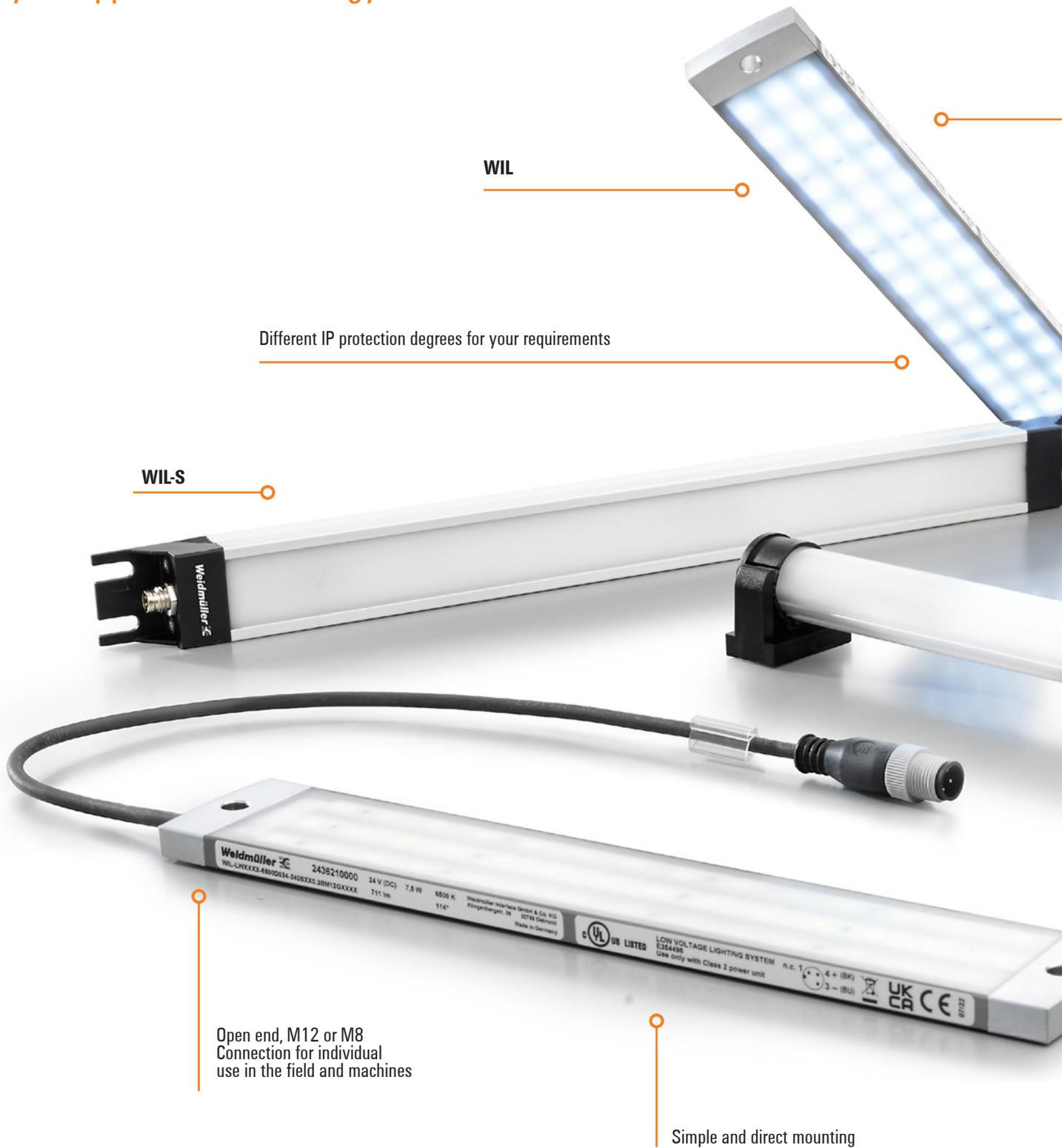
* Toughened safety glass

Content

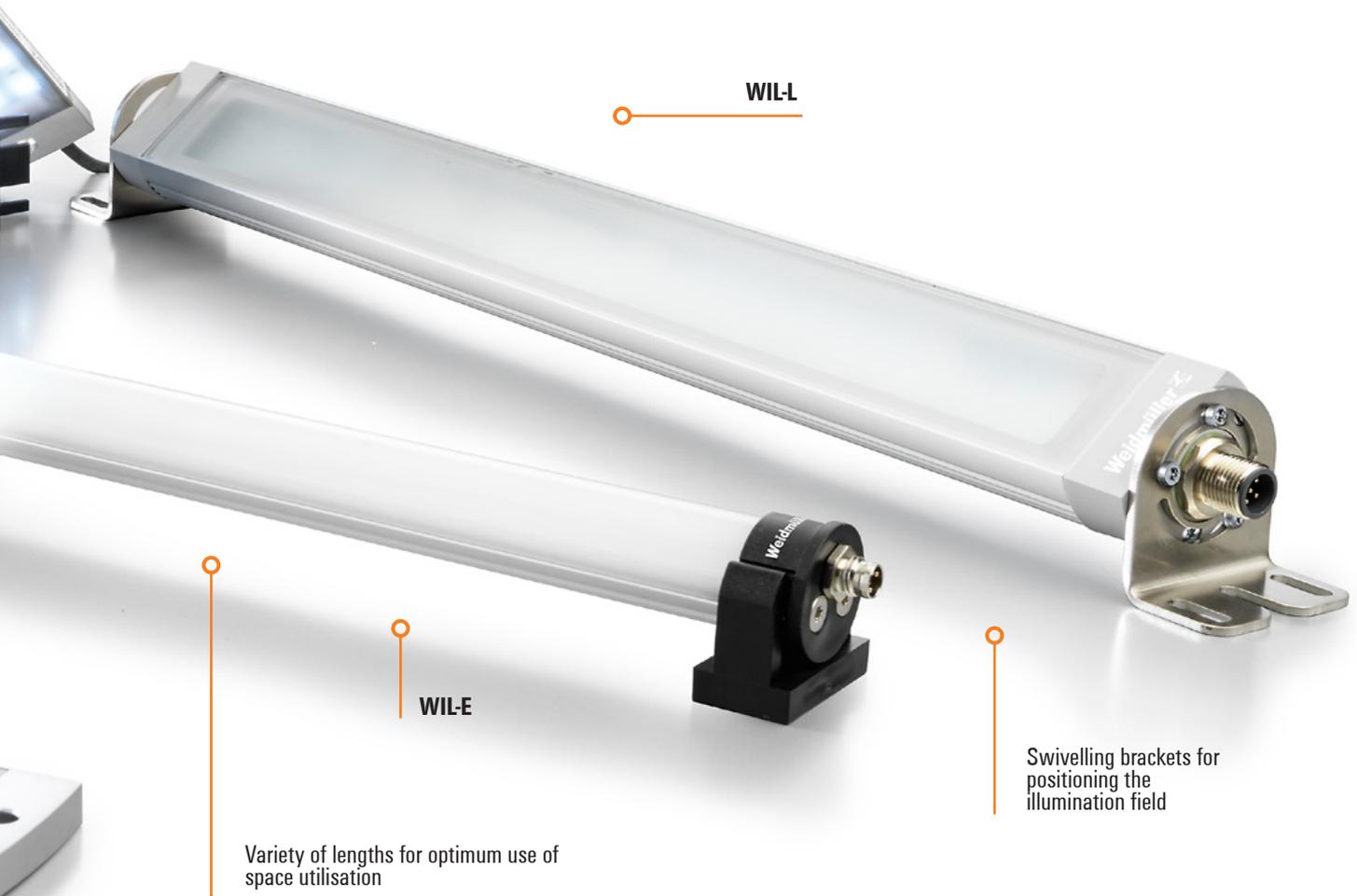
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Innovative illumination for your application technology and industrial environment



Wide range of accessories
suitable for your application



WIL-L

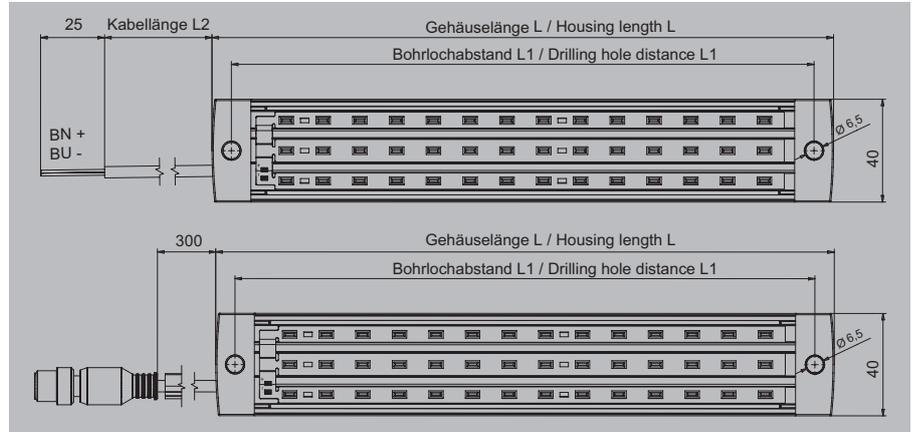
WIL-E

Variety of lengths for optimum use of
space utilisation

Swivelling brackets for
positioning the
illumination field

Light colour 6500K

Black cable, screw connection



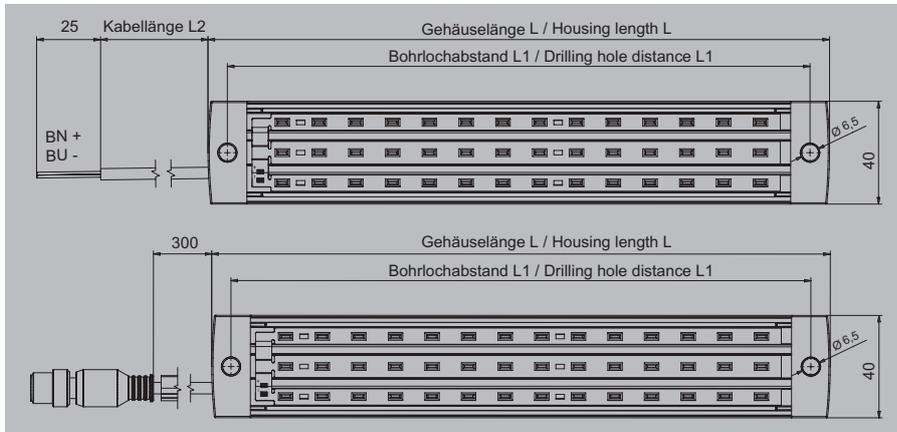
Technical data

Rated voltage	24 V DC
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	8 mm
Recommended class according to UL for use of an power supply	NEC Class 2
Approvals	CE; cULus
Note	

Ordering data

Type	Cable length	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 145 mm									
WIL-LWXXXX-6500D024-145SXX0.3BM12GXXXX	0.3 m	M12	3.9 W	0.162 A	340 lm	118 lux	130 mm	1	2535770000
WIL-LWXXXX-6500D024-145SXX5.0BXXXXXXX	5 m	without	3.9 W	0.162 A	340 lm	118 lux	130 mm	1	2535800000
Housing length 240 mm									
WIL-LWXXXX-6500D024-240SXX0.3BM12GXXXX	0.3 m	M12	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2436210000
WIL-LWXXXX-6500D024-240SXX1.5BXXXXXXX	1.5 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2527880000
WIL-LWXXXX-6500D024-240SXX3.0BXXXXXXX	3 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2527890000
WIL-LWXXXX-6500D024-240SXX5.0BXXXXXXX	5 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2527900000
WIL-LWXXXX-6500D024-240SX10.0BXXXXXXX	10 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2527910000
WIL-LWXXXX-6500D024-240SXX0.3BM12GM12G	0.3 m	M12 / M12	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2576960000
Housing length 350 mm									
WIL-LWXXXX-6500D024-350SXX0.3BM12GXXXX	0.3 m	M12	11.5 W	0.477 A	958 lm	330 lux	335 mm	1	2535810000
WIL-LWXXXX-6500D024-350SXX5.0BXXXXXXX	5 m	without	11.5 W	0.477 A	958 lm	330 lux	335 mm	1	2535820000
Housing length 450 mm									
WIL-LWXXXX-6500D024-450SXX0.3BM12GXXXX	0.3 m	M12	15.2 W	0.631 A	1260 lm	435 lux	435 mm	1	2535830000
WIL-LWXXXX-6500D024-450SXX5.0BXXXXXXX	5 m	without	15.2 W	0.631 A	1260 lm	435 lux	435 mm	1	2535840000
Housing length 555 mm									
WIL-LWXXXX-6500D024-555SXX0.3BM12GXXXX	0.3 m	M12	18.6 W	0.773 A	1579 lm	544 lux	540 mm	1	2535850000
WIL-LWXXXX-6500D024-555SXX5.0BXXXXXXX	5 m	without	18.6 W	0.773 A	1579 lm	544 lux	540 mm	1	2535860000
Housing length 655 mm									
WIL-LWXXXX-6500D024-655SXX0.3BM12GXXXX	0.3 m	M12	23.0 W	0.957 A	1933 lm	666 lux	640 mm	1	2535870000
WIL-LWXXXX-6500D024-655SXX5.0BXXXXXXX	5 m	without	23.0 W	0.957 A	1933 lm	666 lux	640 mm	1	2535880000
Housing length 765 mm									
WIL-LWXXXX-6500D024-765SXX0.3BM12GXXXX	0.3 m	M12	25.7 W	1.07 A	2177 lm	749 lux	750 mm	1	2535890000
WIL-LWXXXX-6500D024-765SXX5.0BXXXXXXX	5 m	without	25.7 W	1.07 A	2177 lm	749 lux	750 mm	1	2535900000
Housing length 860 mm									
WIL-LWXXXX-6500D024-860SXX0.3BM12GXXXX	0.3 m	M12	29.6 W	1.23 A	2473 lm	844 lux	845 mm	1	2535910000
WIL-LWXXXX-6500D024-860SXX5.0BXXXXXXX	5 m	without	29.6 W	1.23 A	2473 lm	844 lux	845 mm	1	2535920000
Note									

Light colour 6500K



Technical data

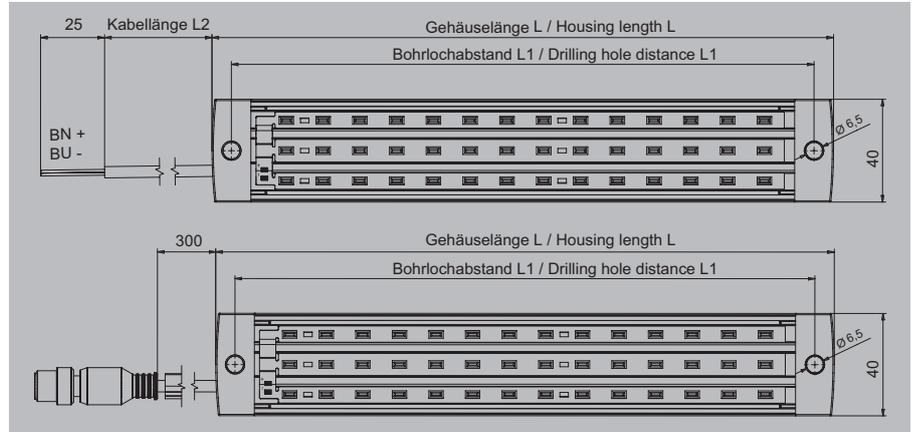
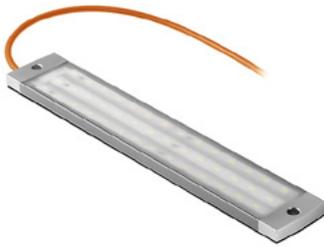
Rated voltage	24 V DC
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	9.5 mm
Recommended class according to UL for use of an power supply	NEC Class 2
Approvals	CE; cULus
Note	

Ordering data

Type	Cable length	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 145 mm									
WIL-LWXXX-6500D024-145MFX0.3BM12GXXXX	0.3 m	M12	3.9 W	0.162 A	340 lm	118 lux	130 mm	1	2545170000
WIL-LWXXX-6500D024-145MFX1.5BM12GXXXX	1.5 m	M12	3.9 W	0.162 A	340 lm	118 lux	130 mm	1	2669230000
Housing length 240 mm									
WIL-LWXXX-6500D024-240MFX1.5BM12GXXXX	1.5 m	M12	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2669240000
WIL-LWXXX-6500D024-240MFX1.5BXXXXXXX	1.5 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2527920000
WIL-LWXXX-6500D024-240MF10.0BXXXXXXX	10 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2527950000
WIL-LWXXX-6500D024-240MFX3.0BXXXXXXX	3 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2527930000
WIL-LWXXX-6500D024-240MFX5.0BXXXXXXX	5 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2527940000
Note									

Light colour 6500K

Orange cable, screw connection



Technical data

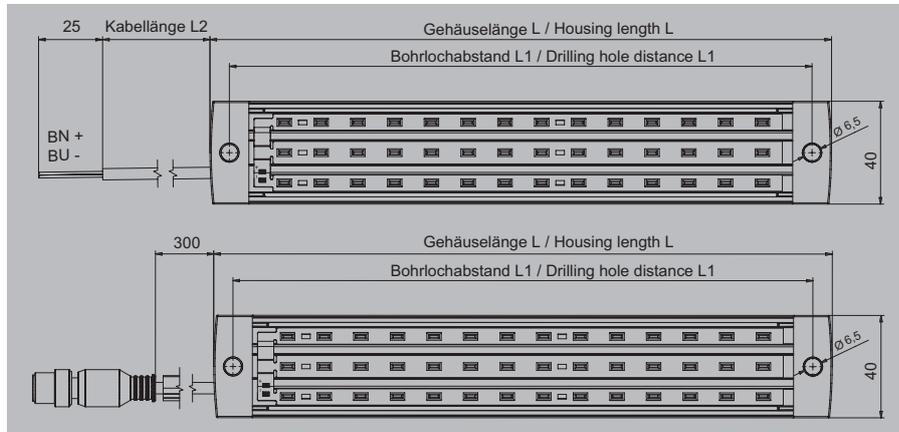
Rated voltage	24 V DC
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	8 mm
Recommended class according to UL for use of an power supply	NEC Class 2
Approvals	CE; cULus
Note	

Ordering data

Type	Cable length	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 240 mm									
WIL-LWXXX-6500D024-240SXX1.50XXXXXXXXXX	1.5 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2527960000
WIL-LWXXX-6500D024-240SXX3.50XXXXXXXXXX	3 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2527970000
WIL-LWXXX-6500D024-240SXX5.00XXXXXXXXXX	5 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2527980000
WIL-LWXXX-6500D024-240SXX10.00XXXXXXXXXX	10 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	2527990000
Note									

Light colour 5700K

Black cable, screw connection



Technical data

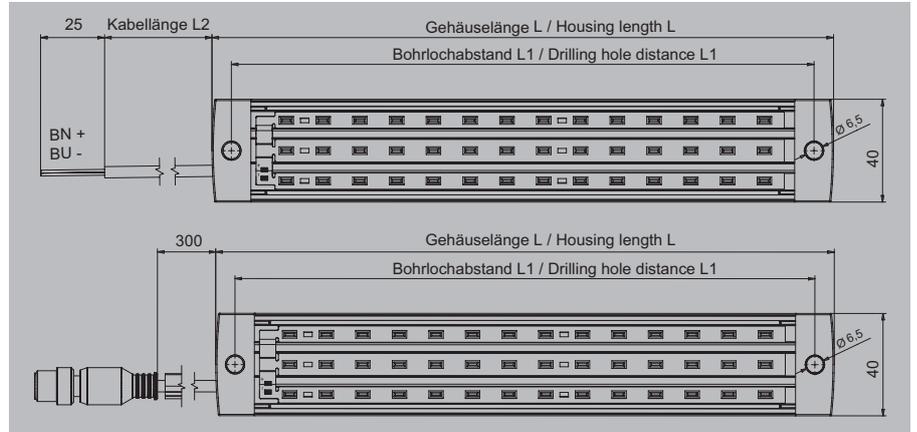
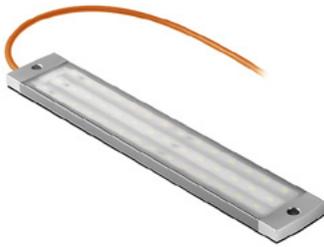
Rated voltage	24 V DC
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	8 mm
Recommended class according to UL for use of an power supply	NEC Class 2
Approvals	CE
Note	

Ordering data

Type	Cable length	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 145 mm									
WIL-LWXXXX-5700D024-145SXX0.3BM12GXXXX	0.3 m	M12	3.9 W	0.16 A	370 lm	129 lux	130 mm	1	2820220000
WIL-LWXXXX-5700D024-145SXX3.0BXXXXXXX	3 m	without	3.9 W	0.16 A	370 lm	129 lux	130 mm	1	2820230000
Housing length 240 mm									
WIL-LWXXXX-5700D024-240SXX0.3BM12GXXXX	0.3 m	M12	7.5 W	0.31 A	706 lm	247 lux	225 mm	1	2614400000
WIL-LWXXXX-5700D024-240SXX3.0BXXXXXXX	3 m	without	7.5 W	0.31 A	706 lm	247 lux	225 mm	1	2820240000
Housing length 350 mm									
WIL-LWXXXX-5700D024-350SXX0.3SM12GXXXX	0.3 m	M12	11.3 W	0.47 A	1059 lm	370 lux	335 mm	1	2616330000
WIL-LWXXXX-5700D024-350SXX3.0BXXXXXXX	3 m	without	11.3 W	0.47 A	1059 lm	370 lux	335 mm	1	2820250000
Housing length 450 mm									
WIL-LWXXXX-5700D024-450SXX0.3BM12GXXXX	0.3 m	M12	15.1 W	0.63 A	1412 lm	493 lux	435 mm	1	2820260000
WIL-LWXXXX-5700D024-450SXX3.0BXXXXXXX	3 m	without	15.1 W	0.63 A	1412 lm	493 lux	435 mm	1	2820270000
Housing length 555 mm									
WIL-LWXXXX-5700D024-555SXX0.3BM12GXXXX	0.3 m	M12	18.9 W	0.7 A	1765 lm	617 lux	540 mm	1	2820280000
WIL-LWXXXX-5700D024-555SXX3.0BXXXXXXX	3 m	without	18.9 W	0.7 A	1765 lm	617 lux	540 mm	1	2820290000
Housing length 655 mm									
WIL-LWXXXX-5700D024-655SXX0.3BM12GXXXX	0.3 m	M12	22.6 W	0.94 A	2119 lm	740 lux	640 mm	1	2820300000
WIL-LWXXXX-5700D024-655SXX3.0BXXXXXXX	3 m	without	22.6 W	0.94 A	2119 lm	740 lux	640 mm	1	2820310000
Housing length 765 mm									
WIL-LWXXXX-5700D024-765SXX0.3BM12GXXXX	0.3 m	M12	26.4 W	1.1 A	2472 lm	864 lux	750 mm	1	2820320000
WIL-LWXXXX-5700D024-765SXX3.0BXXXXXXX	3 m	without	26.4 W	1.1 A	2472 lm	864 lux	750 mm	1	2820330000
Housing length 860 mm									
WIL-LWXXXX-5700D024-860SXX0.3BM12GXXXX	0.3 m	M12	29.1 W	1.21 A	2746 lm	940 lux	845 mm	1	2820340000
WIL-LWXXXX-5700D024-860SXX3.0BXXXXXXX	3 m	without	29.1 W	1.21 A	2746 lm	940 lux	845 mm	1	2820350000
Note									

Light colour 5700K

Orange cable, screw connection



Technical data

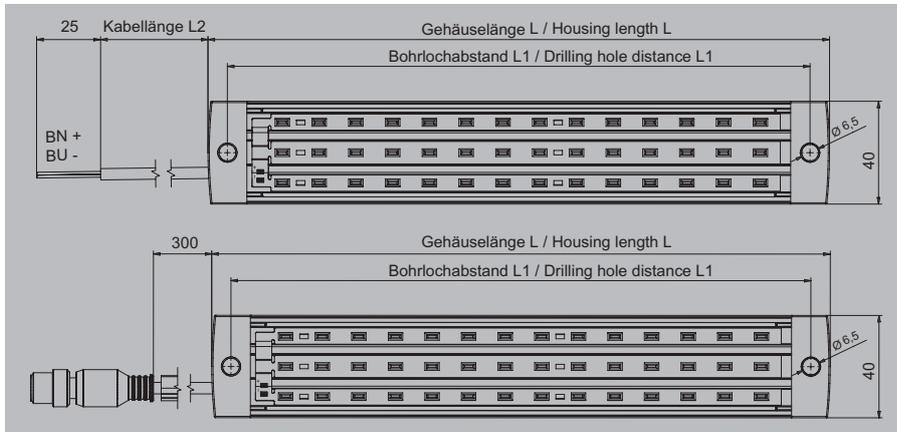
Rated voltage	24 V DC
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	9.5 mm
Recommended class according to UL for use of an power supply	NEC Class 2
Approvals	CE; cULus
Note	

Ordering data

Type	Cable length	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 240 mm									
WIL-LWXXX-6500D024-240MFX1.50XXXXXXXX	1.5 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	252800000
WIL-LWXXX-6500D024-240MFX3.00XXXXXXXX	3 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	252801000
WIL-LWXXX-6500D024-240MFX5.00XXXXXXXX	5 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	252802000
WIL-LWXXX-6500D024-240MF10.00XXXXXXXX	10 m	without	7.5 W	0.31 A	711 lm	246 lux	225 mm	1	252803000
Note									

Light colour 5000K

Black cable, screw connection



Technical data

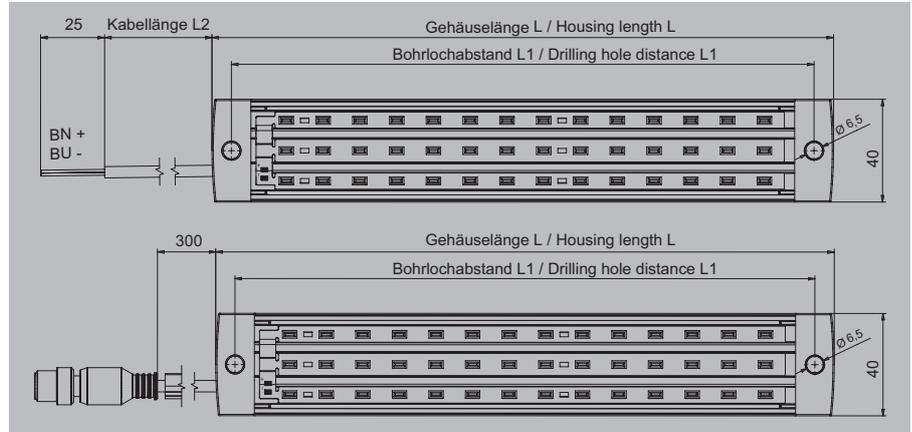
Rated voltage	24 V DC
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	8 mm
Recommended class according to UL for use of an power supply	NEC Class 2
Approvals	cULus
Note	

Ordering data

Type	Cable length	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 145 mm									
WIL-LWXXXX-5000D024-145SXX0.3BM12GXXXX	0.3 m	M12	4.5 W		406 lm	140 lux	130 mm	1	2821040000
WIL-LWXXXX-5000D024-145SXX3.0BXXXXXXX	3 m	without	4.5 W		406 lm	140 lux	130 mm	1	2821050000
Housing length 240 mm									
WIL-LWXXXX-5000D024-240SXX0.3BM12GXXXX	0.3 m	M12	9.5 W		822 lm	282 lux	225 mm	1	2793630000
WIL-LWXXXX-5000D024-240SXX3.0BXXXXXXX	3 m	without	9.5 W		822 lm	282 lux	225 mm	1	2821060000
Housing length 350 mm									
WIL-LWXXXX-5000D024-350SXX0.3BM12GXXXX	0.3 m	M12	13.8 W		1167 lm	402 lux	335 mm	1	2821070000
WIL-LWXXXX-5000D024-350SXX3.0BXXXXXXX	3 m	without	13.8 W		1167 lm	402 lux	335 mm	1	2821080000
Housing length 450 mm									
WIL-LWXXXX-5000D024-450SXX0.3BM12GXXXX	0.3 m	M12	18.4 W		1600 lm	553 lux	435 mm	1	2821090000
WIL-LWXXXX-5000D024-450SXX3.0BXXXXXXX	3 m	without	18.4 W		1600 lm	553 lux	435 mm	1	2821100000
Housing length 555 mm									
WIL-LWXXXX-5000D024-555SXX0.3BM12GXXXX	0.3 m	M12	22.0 W		1874 lm	650 lux	540 mm	1	2821110000
WIL-LWXXXX-5000D024-555SXX3.0BXXXXXXX	3 m	without	22.0 W		1874 lm	650 lux	540 mm	1	2821120000
Housing length 655 mm									
WIL-LWXXXX-5000D024-655SXX0.3BM12GXXXX	0.3 m	M12	26.5 W		2371 lm	812 lux	640 mm	1	2821130000
WIL-LWXXXX-5000D024-655SXX3.0BXXXXXXX	3 m	without	26.5 W		2371 lm	812 lux	640 mm	1	2821140000
Housing length 765 mm									
WIL-LWXXXX-5000D024-765SXX0.3BM12GXXXX	0.3 m	M12	29.8 W		2679 lm	933 lux	750 mm	1	2821150000
WIL-LWXXXX-5000D024-765SXX3.0BXXXXXXX	3 m	without	29.8 W		2679 lm	933 lux	750 mm	1	2821160000
Housing length 860 mm									
WIL-LWXXXX-5000D024-860SXX0.3BM12GXXXX	0.3 m	M12	33.0 W		3003 lm	1038 lux	845 mm	1	2821170000
WIL-LWXXXX-5000D024-860SXX3.0BXXXXXXX	3 m	without	33.0 W		3003 lm	1038 lux	845 mm	1	2821180000
Note Products and technical data available in third quarter 2023.									

Light colour 4000K

Black cable, screw connection



Technical data

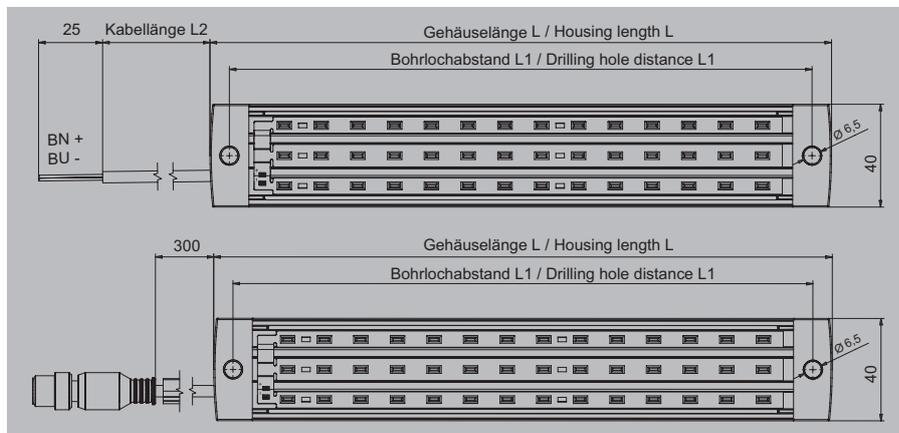
Rated voltage	24 V DC
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	8 mm
Recommended class according to UL for use of an power supply	NEC Class 2
Approvals	CE; cULus
Note	

Ordering data

Type	Cable length	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 145 mm									
WIL-LWXXX-4000D024-145SXX0.3BM12GXXXX	0.3 m	M12	3.8 W	0.158 A	384 lm	134 lux	130 mm	1	2762040000
WIL-LWXXX-4000D024-145SXX3.0BXXXXXXX	3 m	without	3.8 W	0.158 A	384 lm	134 lux	130 mm	1	2821190000
Housing length 240 mm									
WIL-LWXXX-4000D024-240SXX0.3BM12GXXXX	0.3 m	M12	7.4 W	0.308 A	746 lm	260 lux	225 mm	1	2617810000
WIL-LWXXX-4000D024-240SXX5.0BXXXXXXX	5 m	without	7.4 W	0.308 A	746 lm	260 lux	225 mm	1	2732910000
WIL-LWXXX-4000D024-240SX10.0BXXXXXXX	10 m	without	7.4 W	0.308 A	746 lm	260 lux	225 mm	1	2770730000
Housing length 350 mm									
WIL-LWXXX-4000D024-350SXX0.3BM12GXXXX	0.3 m	M12	11.1 W	0.462 A	1119 lm	390 lux	335 mm	1	2633680000
WIL-LWXXX-4000D024-350SXX5.0BXXXXXXX	5 m	without	11.1 W	0.462 A	1119 lm	390 lux	335 mm	1	2732920000
Housing length 450 mm									
WIL-LWXXX-4000D024-450SXX0.3BM12GXXXX	0.3 m	M12	14.8 W	0.616 A	1492 lm	520 lux	435 mm	1	2821200000
WIL-LWXXX-4000D024-450SXX3.0BXXXXXXX	3 m	without	14.8 W	0.616 A	1492 lm	520 lux	435 mm	1	2821210000
Housing length 555 mm									
WIL-LWXXX-4000D024-555SXX0.3BM12GXXXX	0.3 m	M12	18.5 W	0.77 A	1865 lm	650 lux	540 mm	1	2732860000
WIL-LWXXX-4000D024-555SXX3.0BXXXXXXX	5 m	without	18.5 W	0.77 A	1865 lm	650 lux	540 mm	1	2732940000
Housing length 655 mm									
WIL-LWXXX-4000D024-655SXX0.3BM12GXXXX	0.3 m	M12	22.2 W	0.924 A	2238 lm	780 lux	640 mm	1	2821220000
WIL-LWXXX-4000D024-655SXX3.0BXXXXXXX	3 m	without	22.2 W	0.924 A	2238 lm	780 lux	640 mm	1	2821230000
Housing length 765 mm									
WIL-LWXXX-4000D024-765SXX0.3BM12GXXXX	0.3 m	M12	25.9 W	1.078 A	2611 lm	910 lux	750 mm	1	2821240000
WIL-LWXXX-4000D024-765SXX3.0BXXXXXXX	3 m	without	25.9 W	1.078 A	2611 lm	910 lux	750 mm	1	2821250000
Housing length 860 mm									
WIL-LWXXX-4000D024-860SXX0.3BM12GXXXX	0.3 m	M12	28.5 W	1.188 A	2889 lm	990 lux	845 mm	1	2793350000
WIL-LWXXX-4000D024-860SXX3.0BXXXXXXX	5 m	without	28.5 W	1.188 A	2889 lm	990 lux	845 mm	1	2694370000
Note									

Light colour 2700K

Black cable, screw connection



Technical data

Rated voltage	24 V DC
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	8 mm
Recommended class according to UL for use of an power supply	NEC Class 2
Approvals	cULus

Note

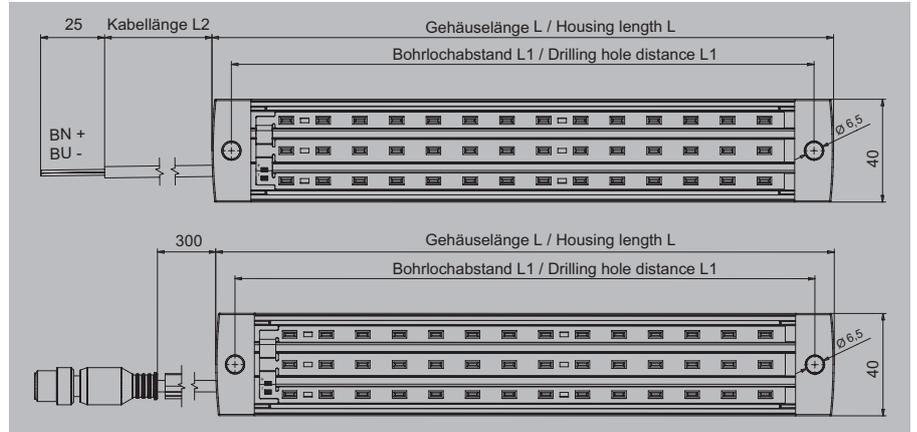
Ordering data

Type	Cable length	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 145 mm									
WIL-LWXXXX-2700D024-145SXX0.3BM12GXXXX	0.3 m	M12	3.9 W	0.162 A	385 lm	135 lux	130 mm	1	2821260000
WIL-LWXXXX-2700D024-145SXX3.0BXXXXXXX	3 m	without	3.9 W	0.162 A	385 lm	135 lux	130 mm	1	2821270000
Housing length 240 mm									
WIL-LWXXXX-2700D024-240SXX0.3BM12GXXXX	0.3 m	M12	7.5 W	0.31 A	748 lm	263 lux	225 mm	1	2633830000
WIL-LWXXXX-2700D024-240SXX3.0BXXXXXXX	3 m	without	7.5 W	0.31 A	748 lm	263 lux	225 mm	1	2680950000
Housing length 350 mm									
WIL-LWXXXX-2700D024-350SXX0.3BM12GXXXX	0.3 m	M12	11.3 W	0.471 A	1122 lm	395 lux	335 mm	1	2821280000
WIL-LWXXXX-2700D024-350SXX3.0BXXXXXXX	3 m	without	11.3 W	0.471 A	1122 lm	395 lux	335 mm	1	2821290000
Housing length 450 mm									
WIL-LWXXXX-2700D024-450SXX0.3BM12GXXXX	0.3 m	M12	15.0 W	0.625 A	1496 lm	526 lux	435 mm	1	2633840000
WIL-LWXXXX-2700D024-450SXX3.0BXXXXXXX	3 m	without	15.0 W	0.625 A	1496 lm	526 lux	435 mm	1	2821300000
Housing length 555 mm									
WIL-LWXXXX-2700D024-555SXX0.3BM12GXXXX	0.3 m	M12	18.8 W	0.7 A	1870 lm	658 lux	540 mm	1	2821310000
WIL-LWXXXX-2700D024-555SXX3.0BXXXXXXX	3 m	without	18.8 W	0.7 A	1870 lm	658 lux	540 mm	1	2821320000
Housing length 655 mm									
WIL-LWXXXX-2700D024-655SXX0.3BM12GXXXX	0.3 m	M12	22.5 W	0.937 A	2244 lm	786 lux	640 mm	1	2550650000
WIL-LWXXXX-2700D024-655SXX3.0BXXXXXXX	3 m	without	22.5 W	0.937 A	2244 lm	786 lux	640 mm	1	2821330000
Housing length 765 mm									
WIL-LWXXXX-2700D024-765SXX0.3BM12GXXXX	0.3 m	M12	26.4 W	1.1 A	2618 lm	921 lux	750 mm	1	2821340000
WIL-LWXXXX-2700D024-765SXX3.0BXXXXXXX	3 m	without	26.4 W	1.1 A	2618 lm	921 lux	750 mm	1	2821350000
Housing length 860 mm									
WIL-LWXXXX-2700D024-860SXX0.3BM12GXXXX	0.3 m	M12	29.1 W	1.21 A	2898 lm	996 lux	845 mm	1	2796070000
WIL-LWXXXX-2700D024-860SXX3.0BXXXXXXX	3 m	without	29.1 W	1.21 A	2898 lm	996 lux	845 mm	1	2821360000

Note

Colour variants

Lamp colour red



Technical data

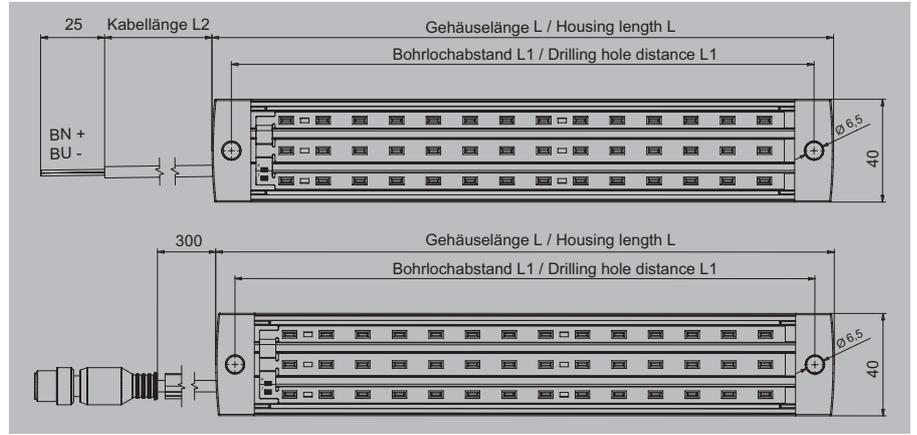
Rated voltage	24 V DC
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	8 mm
Recommended class according to UL for use of an power supply	NEC Class 2
Approvals	CE; cULus
Note	

Ordering data

Type	Cable length	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 240 mm									
WIL-LRXXX-W620D024-240SXX0.3BM12GM12G	0.3 m	M12 / M12	9.2 W	0.382 A	208 lm	71 lux	225 mm	1	2576980000
WIL-LRXXX-W620D024-240SXX0.3BM12GXXXX	0.3 m	M12	9.2 W	0.382 A	208 lm	71 lux	225 mm	1	2436340000
Note									

Colour variants

Lamp colour blue



Technical data

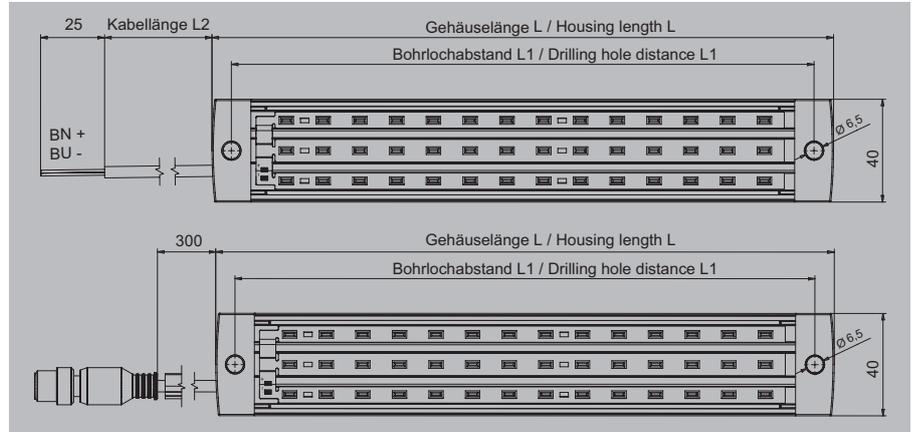
Rated voltage	24 V DC
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	8 mm
Recommended class according to UL for use of an power supply	NEC Class 2
Approvals	CE; cULus
Note	

Ordering data

Type	Cable length	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 240 mm									
WIL-LBXXXX-W450D024-240SXX0.3BM12GM12G	0.3 m	M12 / M12	7.6 W	0.317 A	98 lm	34 lux	225 mm	1	2576970000
WIL-LBXXXX-W450D024-240SXX0.3BM12GXXXX	0.3 m	M12	7.6 W	0.317 A	98 lm	34 lux	225 mm	1	2436350000
Note									

Colour variants

Lamp colour red, yellow, green



Technical data

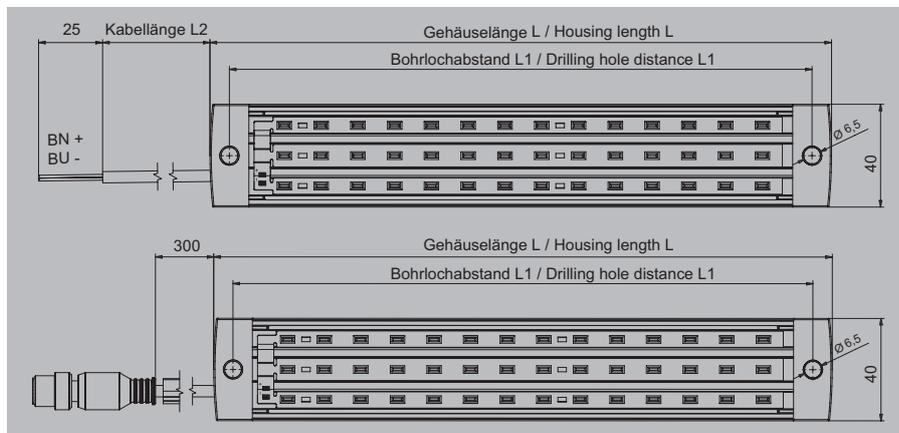
Rated voltage	24 V DC
Wiring	Pin 4 (Strand: black) control green LED, Pin 1 (Strand: brown) control red LED, Pin 2 (Strand: white) control yellow LED, Pin 3 (Strand: blue)
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	8 mm
Recommended class according to UL for use of an power supply	NEC Class 2
Approvals	CE, cULus
Note	

Ordering data

Type	Cable length	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 240 mm									
WIL-LRYGXX-XXXX024-240SXX0.3BM12GXXXX	0.3 m	M12	8,5 W	0,36 A			225 mm	1	2625240000
Note									

Colour variants

Lamp colour red,green,blue,white; colour space adjustable



Technical data

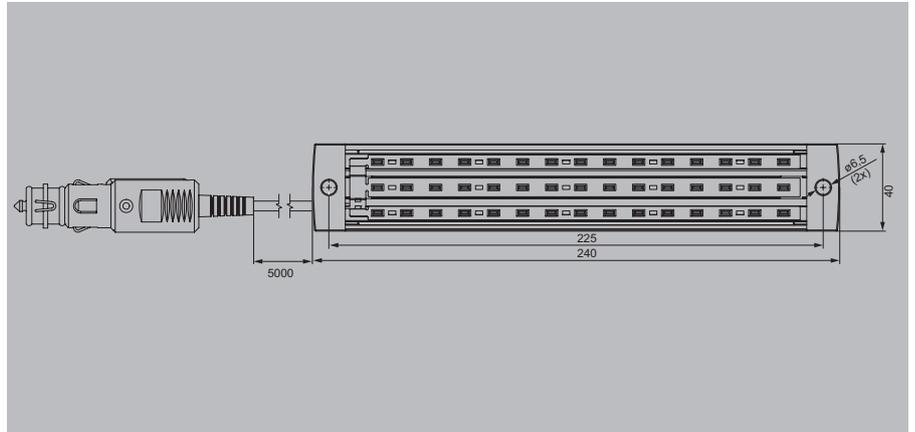
Rated voltage	24 V DC
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	8 mm
Recommended class according to UL for use of an power supply	NEC Class 2
Approvals	CE
Note	Each color (red, green, yellow, white) can be controlled individually or PWM modules can be used to create a mixed color. It should be noted that the total current must not be higher than 1A.

Ordering data

Type	Cable length	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 240 mm									
WIL-LRGBWX-XXXX024-240SXX0.3BM12GXXXX	0.3 m	M12	8,5 W	0,36 A	760 lm	265 lux	225 mm	1	2635090000
Note									

Special variants

With 12 V car plug



Technical data

Rated voltage	12 V DC
Wiring	
Protection degree	IP67
Impact resistance	IK05
Depth	40 mm
Height	9.5 mm
Recommended class according to UL for use of an power supply	
Approvals	CE
Sheathing colour	black
Type of mounting	Magnet

Note

Ordering data

Type	Cable length	Version	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 240 mm									
WIL-LWXXXX-6500D012-240MFX5.0BCVPXXXX	5 m	Car cigarette lighter	8,5 W	0,70 A	637 lm	220 lux	225 mm	1	2548620000

Note

Accessories WIL

Motion sensors without cable

Motion sensors with cable



Ordering data

Note

Type	Qty.	Order No.
WIL-BM-SK	1	2537720000

Type	Qty.	Order No.
WIL-BM-SK-M12-3.0U	1	2537700000

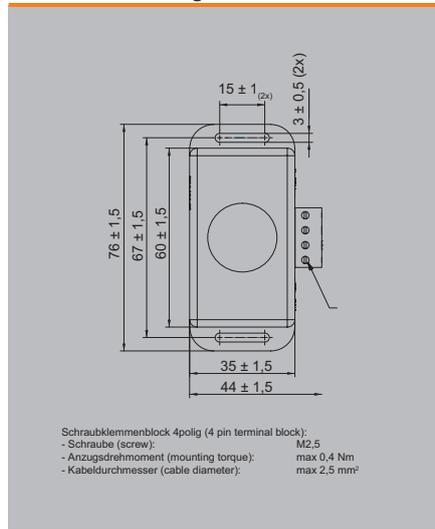
Technical data

Rated voltage	24 V DC
Rated current	< 6.0 A
Dwell time, min. / max.	1...10 min
Detection range	0...8m / Configurable: No
Detection area (angle)	120 °
Wiring	PIN 4: + (black), PIN 3: - (blue)
Protection degree	IP20
Depth	44 mm
Width	76 mm
Height	33 mm
Note	

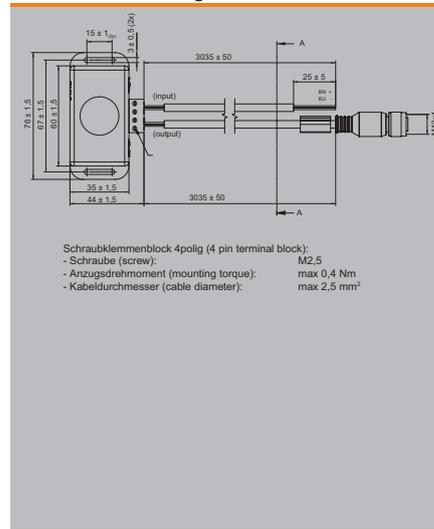
Rated voltage	24 V DC
Rated current	< 6.0 A
Dwell time, min. / max.	1...10 min
Detection range	0...8m / Configurable: No
Detection area (angle)	120 °
Wiring	PIN 4: + (black), PIN 3: - (blue)
Protection degree	IP20
Depth	44 mm
Width	76 mm
Height	33 mm
Note	

Rated voltage	24 V DC
Rated current	< 6.0 A
Dwell time, min. / max.	1...10 min
Detection range	0...8m / Configurable: No
Detection area (angle)	120 °
Wiring	PIN 4: + (black), PIN 3: - (blue)
Protection degree	IP20
Depth	44 mm
Width	76 mm
Height	33 mm
Note	

Dimensioned drawing



Dimensioned drawing



Accessories WIL

Motion sensors with cable

JACKPAC®



Ordering data

Note

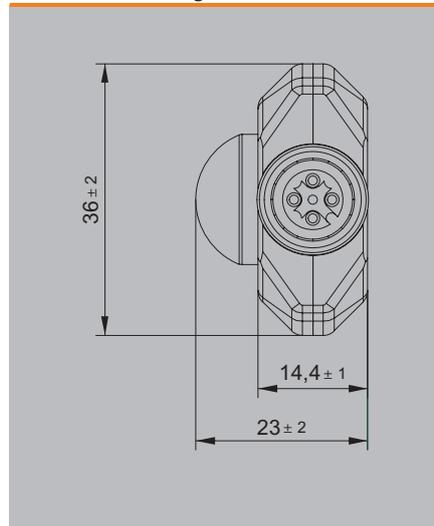
Type	Qty.	Order No.
WIL-BM-JP-M12-3.0U	1	2537710000

Technical data

Note

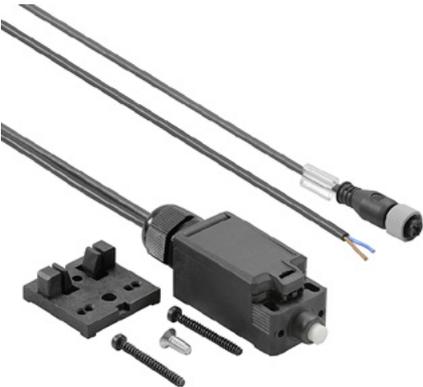
Rated voltage	24 V DC
Rated current	< 3,0 A
Dwell time, min. / max.	2...360 sec
Detection range	0.1...7m / Configurable: Yes
Detection area (angle)	110 °
Wiring	PIN 4: + (black), PIN 3: - (blue)
Protection degree	IP20
Depth	36 mm
Width	51 mm
Height	23 mm

Dimensioned drawing



Accessories

Door switch



Power supply



Ordering data

Type	Qty.	Order No.
WIL-TS-M12	1	2537730000

Note

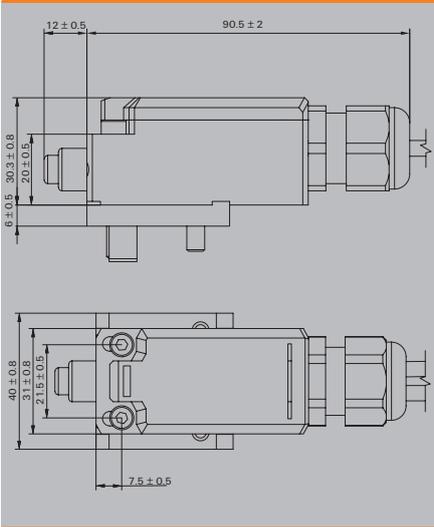
Technical data

Rated voltage	24 V DC
Rated current	1.5 A
Wiring	PIN 4: + (black), PIN 3: - (blue)
Protection degree	IP67
Depth	40 mm
Width	102.5 mm
Height	36.3 mm
Note	

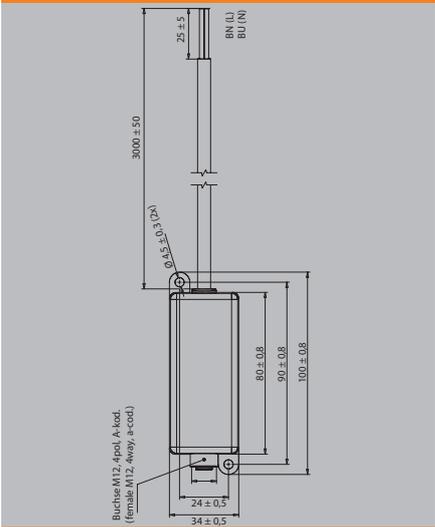
Type	Qty.	Order No.
WIL-NT-STANDARD	1	2598350000

Rated voltage	24 V DC
Rated current	1.10 A
Protection degree	IP65 when locked
Depth	34 mm
Width	100 mm
Height	32 mm
Note	Only suitable for housing lengths 145 mm and 240 mm

Dimensioned drawing



Dimensioned drawing

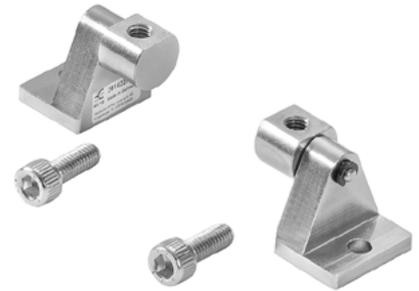


Accessories

Magnet



Swivelling holder



Ordering data

Note

Type	Qty.	Order No.
WIL-MAGNET	1	2526810000

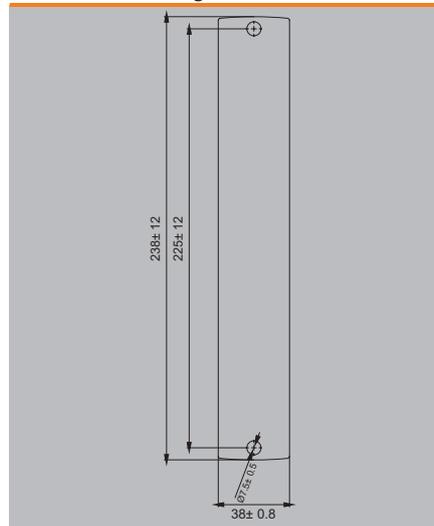
Type	Qty.	Order No.
WIL-SCHWENKHALTER	1	2614220000

Technical data

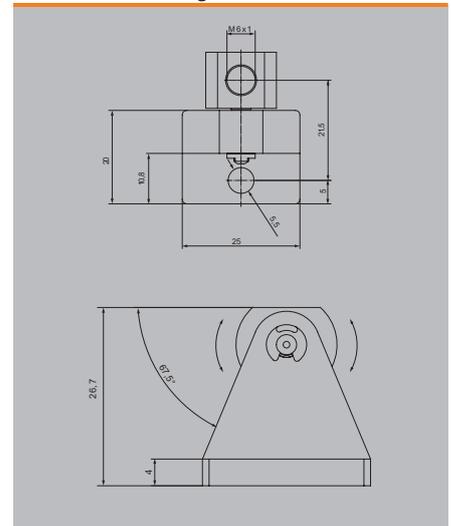
Depth	38 mm
Width	238 mm
Height	1.5 mm
Note	

20 mm	
32.5 mm	
26.7 mm	

Dimensioned drawing

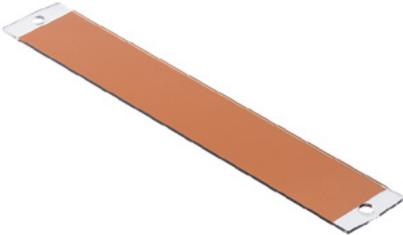


Dimensioned drawing



Accessories

Colour filter



Ordering data

Note

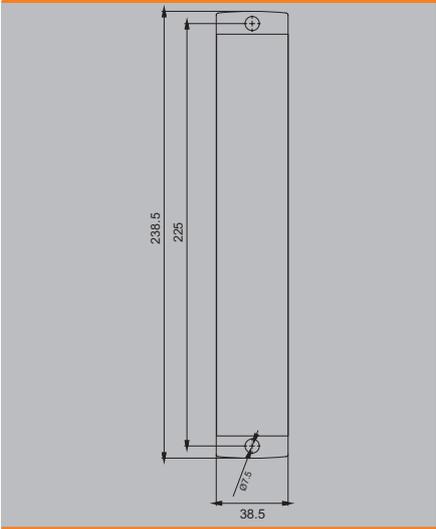
Type	Qty.	Order No.
WIL-F-240	4	2799050000

Technical data

Depth
Width
Height
Note

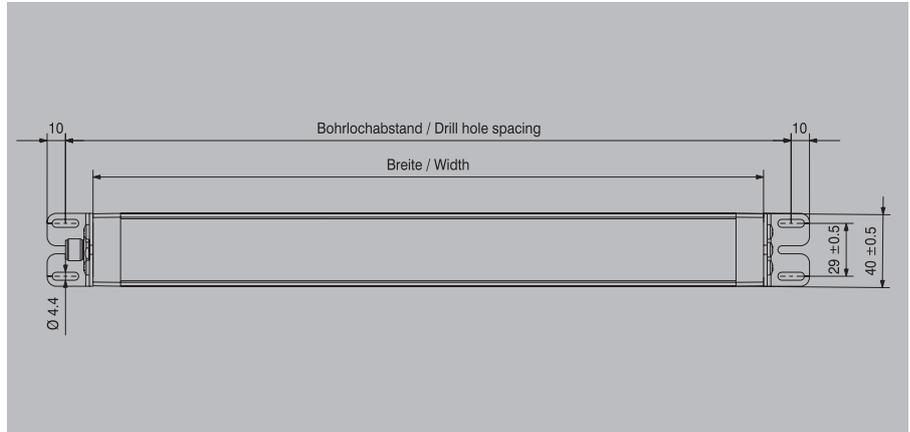
38.5 mm
240 mm
2.2 mm

Dimensioned drawing



Rated voltage 24 V DC

Light colour 5700 K



Technical data

Rated voltage	24 V DC
Wiring	Pin 1: control white LED 24V DC, Pin 2: NC, Pin 3: GND(-), Pin 4: NC, Pin 5: NC
Protection degree	IP67
Depth	40 mm
Height	42 mm
Approvals	cURus
Note	

Ordering data

Type	Material of LED cover	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 190 mm									
WIL-LXXX-RXSS-5700-X190-M12D-X0	PMMA	M12 / M12	3.3 W	137.5 mA	341 lm	135 lux	220 mm	1	2899220000
WIL-LXXX-RXSS-5700-X190-M12X-X0	PMMA	M12	3.3 W	137.5 mA	341 lm	135 lux	220 mm	1	2899210000
Housing length 365 mm									
WIL-LXXX-RXSS-5700-X365-M12D-X0	PMMA	M12 / M12	8.3 W	345.8 mA	854 lm	324 lux	395 mm	1	2899240000
WIL-LXXX-RXSS-5700-X365-M12X-X0	PMMA	M12	8.3 W	345.8 mA	854 lm	321 lux	395 mm	1	2899230000
Housing length 540 mm									
WIL-LXXX-RXSS-5700-X540-M12D-X0	PMMA	M12 / M12	13.3 W	554.2 mA	1367 lm	503 lux	570 mm	1	2899260000
WIL-LXXX-RXSS-5700-X540-M12X-X0	PMMA	M12	13.3 W	554.2 mA	1367 lm	503 lux	570 mm	1	2899250000
Housing length 715 mm									
WIL-LXXX-RXSS-5700-X715-M12D-X0	PMMA	M12 / M12	18.3 W	762.5 mA	1880 lm	679 lux	745 mm	1	2899280000
WIL-LXXX-RXSS-5700-X715-M12X-X0	PMMA	M12	18.3 W	762.5 mA	1880 lm	679 lux	745 mm	1	2899270000
Housing length 1040 mm									
WIL-LXXX-RXSS-5700-1040-M12D-X0	PMMA	M12 / M12	26.6 W	1108.3 mA	2735 lm	969 lux	1070 mm	1	2899300000
WIL-LXXX-RXSS-5700-1040-M12X-X0	PMMA	M12	26.6 W	1108.3 mA	2735 lm	969 lux	1070 mm	1	2899290000
Note									

Rated voltage 24 V DC

Light colour 5700 K



Technical data

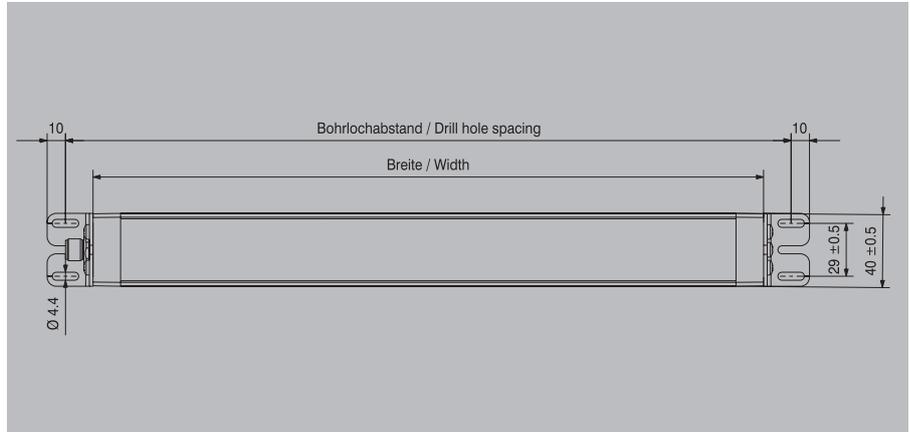
Rated voltage	24 V DC
Wiring	Pin 1: control white LED 24V DC, Pin 2: NC, Pin 3: GND(-), Pin 4: NC, Pin 5: NC
Protection degree	IP67
Depth	40 mm
Height	42 mm
Approvals	cURus
Note	

Ordering data

Type	Material of LED cover	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 190 mm									
WIL-LXXXX-RXPS-5700-X190-M12D-X0	ESG	M12 / M12	3.3 W	137.5 mA	339 lm	133 lux	220 mm	1	2899320000
WIL-LXXXX-RXPS-5700-X190-M12X-X0	ESG	M12	3.3 W	137.5 mA	339 lm	133 lux	220 mm	1	2899310000
Housing length 365 mm									
WIL-LXXXX-RXPS-5700-X365-M12D-X0	ESG	M12 / M12	8.3 W	345.8 mA	849 lm	306 lux	395 mm	1	2899340000
WIL-LXXXX-RXPS-5700-X365-M12X-X0	ESG	M12	8.3 W	345.8 mA	849 lm	306 lux	395 mm	1	2899330000
Housing length 540 mm									
WIL-LXXXX-RXPS-5700-X540-M12D-X0	ESG	M12 / M12	13.3 W	554.2 mA	1359 lm	489 lux	570 mm	1	2899360000
WIL-LXXXX-RXPS-5700-X540-M12X-X0	ESG	M12	13.3 W	554.2 mA	1359 lm	489 lux	570 mm	1	2899350000
Housing length 715 mm									
WIL-LXXXX-RXPS-5700-X715-M12D-X0	ESG	M12 / M12	18.3 W	762.5 mA	1869 lm	667 lux	745 mm	1	2899380000
WIL-LXXXX-RXPS-5700-X715-M12X-X0	ESG	M12	18.3 W	762.5 mA	1869 lm	667 lux	745 mm	1	2899370000
Housing length 1040 mm									
WIL-LXXXX-RXPS-5700-1040-M12D-X0	ESG	M12 / M12	26.6 W	1108.3 mA	2719 lm	1076 lux	1070 mm	1	2899400000
WIL-LXXXX-RXPS-5700-1040-M12X-X0	ESG	M12	26.6 W	1108.3 mA	2719 lm	1076 lux	1070 mm	1	2899390000
Note									

Rated voltage 12...30 V DC

Light colour 5700 K



Technical data

Rated voltage	12...30 V DC
Wiring	Pin 1: control white LED 12-30V DC, Pin 2: dimmable 1.2-10V DC, Pin 3: GND(-), Pin 4: NC, Pin 5: NC
Protection degree	IP67
Depth	40 mm
Height	42 mm
Approvals	cURus
Note	

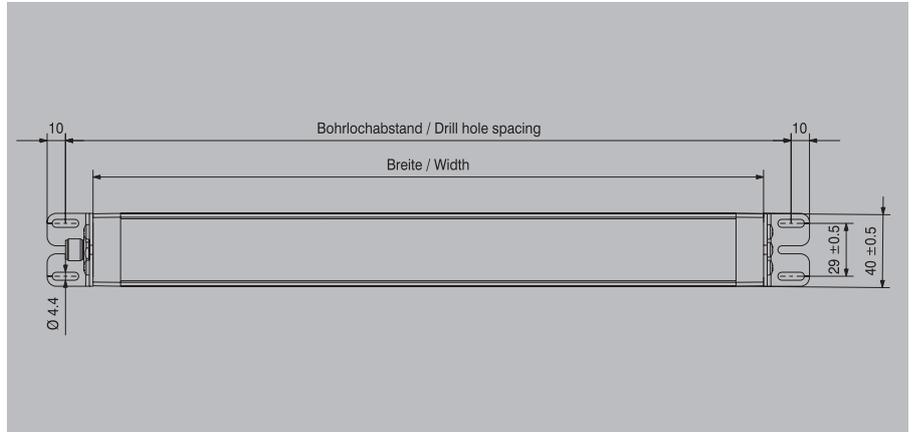
Ordering data

Type	Material of LED cover	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 190 mm									
WIL-LXXX-RHPS-5700-X190-M12D-X0	ESG	M12 / M12	5 W		489 lm		220 mm	1	2899430000
WIL-LXXX-RHPS-5700-X190-M12X-X0	ESG	M12	5 W		489 lm		220 mm	1	2899410000
Housing length 365 mm									
WIL-LXXX-RHPS-5700-X365-M12D-X0	ESG	M12 / M12	10 W		1073 lm		395 mm	1	2899450000
WIL-LXXX-RHPS-5700-X365-M12X-X0	ESG	M12	10 W		1073 lm		395 mm	1	2899440000
Housing length 540 mm									
WIL-LXXX-RHPS-5700-X540-M12D-X0	ESG	M12 / M12	15.1 W		1660 lm		570 mm	1	2899470000
WIL-LXXX-RHPS-5700-X540-M12X-X0	ESG	M12	15.1 W		1660 lm		570 mm	1	2899460000
Housing length 715 mm									
WIL-LXXX-RHPS-5700-X715-M12D-X0	ESG	M12 / M12	20.2 W		2246 lm		745 mm	1	2899490000
WIL-LXXX-RHPS-5700-X715-M12X-X0	ESG	M12	20.2 W		2246 lm		745 mm	1	2899480000
Housing length 1040 mm									
WIL-LXXX-RHPS-5700-1040-M12D-X0	ESG	M12 / M12	26.6 W		2719 lm		1070 mm	1	2899510000
WIL-LXXX-RHPS-5700-1040-M12X-X0	ESG	M12	26.6 W		2719 lm		1070 mm	1	2899500000

Note Products and technical data available in third quarter 2023.

Colour variants

Lamp colour red, green, blue, white



Technical data

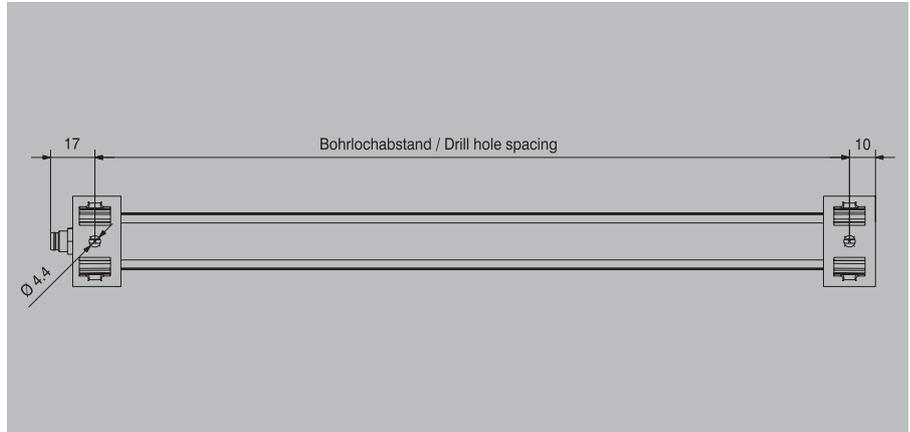
Rated voltage	24 V DC
Wiring	Pin 1 - 4: control multicolor LED, Pin 5: GND(-)
Protection degree	IP67
Depth	40 mm
Height	42 mm
Approvals	cURus
Note	

Ordering data

Type	Material of LED cover	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 190 mm									
WIL-LRGBW-RHPS-XXXX-X190SX-M12X-X0	ESG	M12	9.6 W		455 lm	99 lux	220 mm	1	2899560000
WIL-LRGBW-RXSS-XXXX-X190SX-M12X-X0	PMMA	M12	9.6 W		455 lm	95 lux	220 mm	1	2899520000
Housing length 365 mm									
WIL-LRGBW-RHPS-XXXX-X365SX-M12X-X0	ESG	M12	19.4 W		912 lm	194 lux	395 mm	1	2899570000
WIL-LRGBW-RXSS-XXXX-X365SX-M12X-X0	PMMA	M12	19.4 W		912 lm	198 lux	395 mm	1	2899530000
Housing length 610 mm									
WIL-LRGBW-RHPS-XXXX-X610SX-M12X-X0	ESG	M12	38.7 W		1820 lm	367 lux	640 mm	1	2899580000
WIL-LRGBW-RXSS-XXXX-X610SX-M12X-X0	PMMA	M12	38.7 W		1820 lm	376 lux	640 mm	1	2899540000
Housing length 1040 mm									
WIL-LRGBW-RHPS-XXXX-1040SX-M12X-X0	ESG	M12	67.7 W		3185 lm	580 lux	1070 mm	1	2899590000
WIL-LRGBW-RXSS-XXXX-1040SX-M12X-X0	PMMA	M12	67.7 W		3185 lm	587 lux	1070 mm	1	2899550000
Note									

Rated voltage 24 V DC

Light colour 5700 K



Technical data

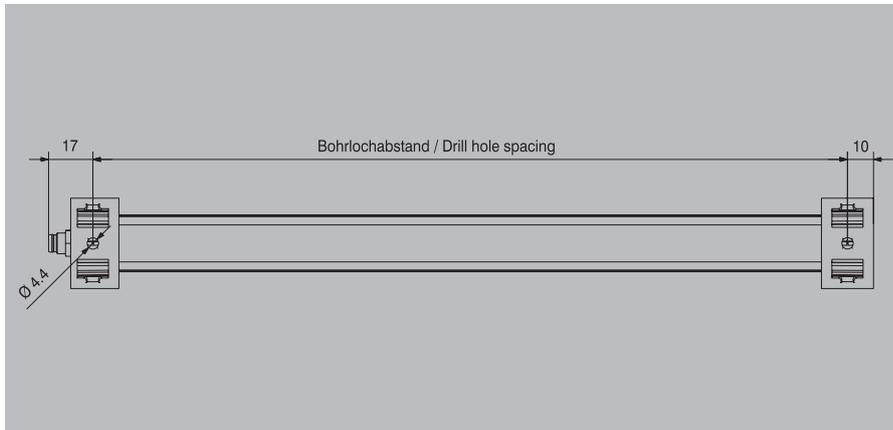
Rated voltage	24 V DC
Wiring	Pin 1: control white LED 24V DC, Pin 2: NC, Pin 3: GND(-), Pin 4: NC
Protection degree	IP54
Depth	35 mm
Height	35 mm
Approvals	cURus
Note	

Ordering data

Type	Material of LED cover	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 140 mm									
WIL-EXXX-RXSS-5700-X140-M8DX	PMMA	M8 / M8	3.4 W	141.7 mA	242 lm	113 lux	149 mm	1	2899690000
WIL-EXXX-RXSS-5700-X140-M8XX	PMMA	M8	3.4 W	141.7 mA	242 lm	113 lux	149 mm	1	2899600000
Housing length 280 mm									
WIL-EXXX-RXSS-5700-X280-M8DX	PMMA	M8 / M8	6.8 W	283.3 mA	485 lm	221 lux	289 mm	1	2899700000
WIL-EXXX-RXSS-5700-X280-M8XX	PMMA	M8	6.8 W	283.3 mA	485 lm	221 lux	289 mm	1	2899610000
Housing length 420 mm									
WIL-EXXX-RXSS-5700-X420-M8DX	PMMA	M8 / M8	10.2 W	425 mA	728 lm	331 lux	429 mm	1	2899710000
WIL-EXXX-RXSS-5700-X420-M8XX	PMMA	M8	10.2 W	425 mA	728 lm	331 lux	429 mm	1	2899620000
Housing length 560 mm									
WIL-EXXX-RXSS-5700-X560-M8DX	PMMA	M8 / M8	13.5 W	562.5 mA	971 lm	421 lux	569 mm	1	2899720000
WIL-EXXX-RXSS-5700-X560-M8XX	PMMA	M8	13.5 W	562.5 mA	971 lm	421 lux	569 mm	1	2899630000
Housing length 700 mm									
WIL-EXXX-RXSS-5700-X700-M8DX	PMMA	M8 / M8	16.9 W	704.2 mA	1214 lm	530 lux	709 mm	1	2899730000
WIL-EXXX-RXSS-5700-X700-M8XX	PMMA	M8	16.9 W	704.2 mA	1214 lm	530 lux	709 mm	1	2899640000
Housing length 840 mm									
WIL-EXXX-RXSS-5700-X840-M8XX	PMMA	M8	20.3 W	845.8 mA	1457 lm	631 lux	849 mm	1	2899650000
Housing length 980 mm									
WIL-EXXX-RXSS-5700-X980-M8XX	PMMA	M8	23.7 W	987.5 mA	1700 lm	731 lux	989 mm	1	2899660000
Housing length 1120 mm									
WIL-EXXX-RXSS-5700-1120-M8XX	PMMA	M8	27.0 W	1125 mA	1943 lm	830 lux	1129 mm	1	2899670000
Housing length 1400 mm									
WIL-EXXX-RXSS-5700-1400-M8XX	PMMA	M8	33.9 W	1412.5 mA	2429 lm	1028 lux	1409 mm	1	2899680000
Note									

Rated voltage 12...30 V DC

Light colour 5700 K



Technical data

Rated voltage	12...30 V DC
Wiring	Pin 1: control white LED 12-30V DC, Pin 2: dimmable 1.2-10V DC, Pin 3: GND(-), Pin 4: NC
Protection degree	IP54
Depth	35 mm
Height	35 mm
Approvals	cURus

Note

Ordering data

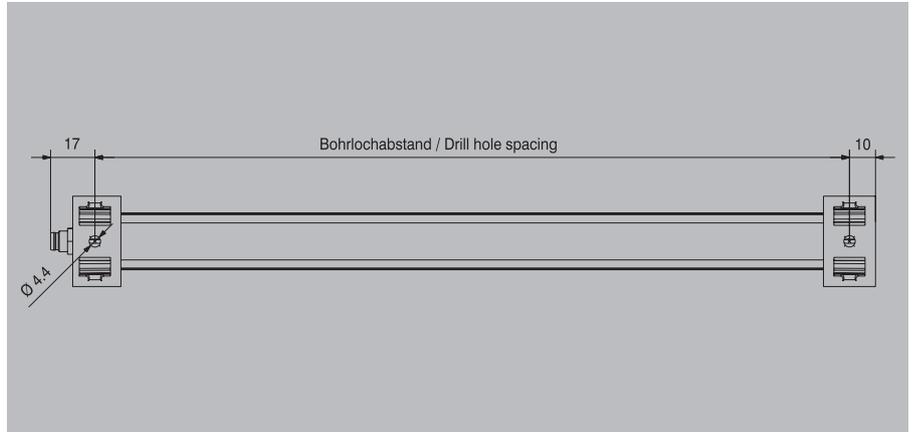
Type	Material of LED cover	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 140 mm									
WIL-XXXX-RXPS-5700-X140-M8DX	PMMA	M8 / M8	3.6 W		603 lm		149 mm	1	2899820000
WIL-XXXX-RXPS-5700-X140-M8XX	PMMA	M8	3.6 W		603 lm		149 mm	1	2899740000
Housing length 280 mm									
WIL-XXXX-RXPS-5700-X280-M8DX	PMMA	M8 / M8	7.3 W		1206 lm		289 mm	1	2899830000
WIL-XXXX-RXPS-5700-X280-M8XX	PMMA	M8	7.3 W		1206 lm		289 mm	1	2899750000
Housing length 420 mm									
WIL-XXXX-RXPS-5700-X420-M8DX	PMMA	M8 / M8	10.9 W		1806 lm		429 mm	1	2899840000
WIL-XXXX-RXPS-5700-X420-M8XX	PMMA	M8	10.9 W		1806 lm		429 mm	1	2899760000
Housing length 560 mm									
WIL-XXXX-RXPS-5700-X560-M8DX	PMMA	M8 / M8	14.6 W		2412 lm		569 mm	1	2899850000
WIL-XXXX-RXPS-5700-X560-M8XX	PMMA	M8	14.6 W		2412 lm		569 mm	1	2899770000
Housing length 700 mm									
WIL-XXXX-RXPS-5700-X700-M8DX	PMMA	M8 / M8	18.2 W		3015 lm		709 mm	1	2899860000
WIL-XXXX-RXPS-5700-X700-M8XX	PMMA	M8	18.2 W		3015 lm		709 mm	1	2899780000
Housing length 840 mm									
WIL-XXXX-RXPS-5700-X840-M8XX	PMMA	M8	20.1 W		3618 lm		849 mm	1	2899130000
Housing length 980 mm									
WIL-XXXX-RXPS-5700-X980-M8XX	PMMA	M8	23.5 W		4221 lm		989 mm	1	2899790000
Housing length 1120 mm									
WIL-XXXX-RXPS-5700-1120-M8XX	PMMA	M8	33.5 W		4824 lm		1129 mm	1	2899800000
Housing length 1400 mm									
WIL-XXXX-RXPS-5700-1400-M8XX	PMMA	M8	34.4 W		2429 lm		1409 mm	1	2899810000

Note

Products and technical data available in third quarter 2023.

Colour variants

Lamp colour red, green, blue, white



Technical data

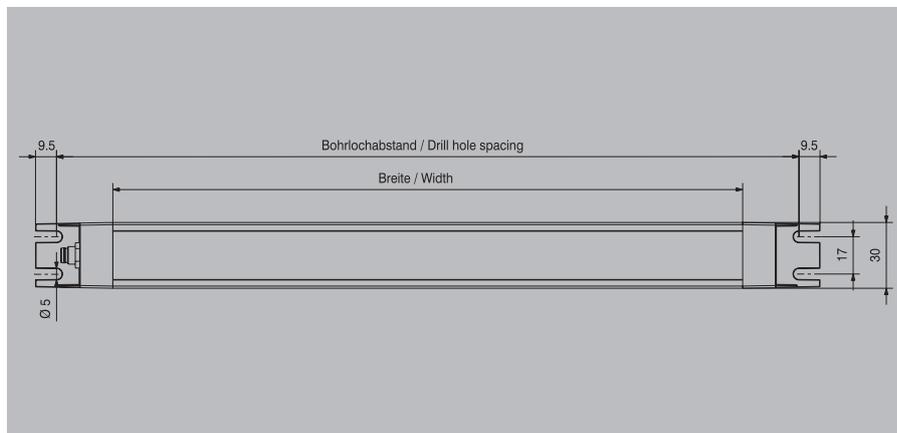
Rated voltage	24 V DC
Wiring	Pin 1 - 4: control multicolor LED, Pin 5: GND(-)
Protection degree	IP54
Depth	35 mm
Height	35 mm
Approvals	cURus
Note	

Ordering data

Type	Material of LED cover	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 280 mm, light colour red, green, blue									
WIL-ERGBX-RXSS-XXXX-X280-M8XX	PMMA	M8	13.7 W				289 mm	1	2899870000
Housing length 280 mm, light colour red, green, blue, white									
WIL-ERGBW-RXSS-XXXX-X280-M8XX	PMMA	M8	5.5 W				289 mm	1	2899880000
Note									

Rated voltage 24 V DC

Light colour 5700 K



Technical data

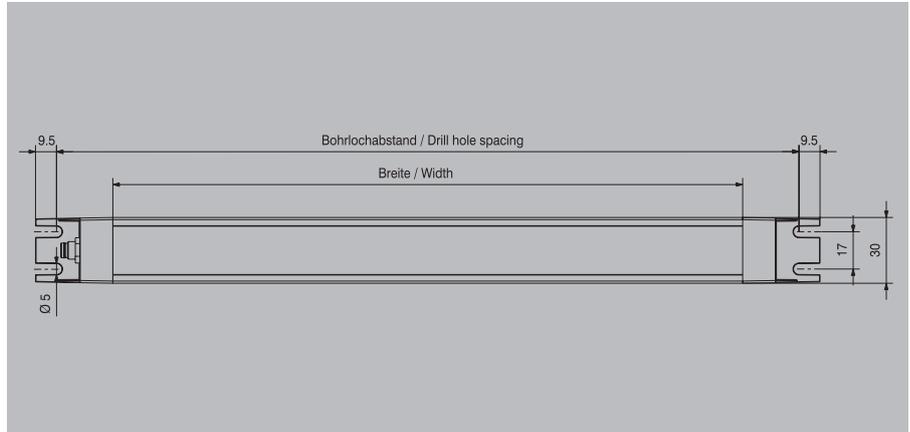
Rated voltage	24 V DC
Wiring	Pin 1: control white LED 24V DC, Pin 2: NC, Pin 3: GND(-), Pin 4: NC
Protection degree	IP40
Depth	30 mm
Height	17.5 mm
Approvals	cURus
Note	

Ordering data

Type	Material of LED cover	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 140 mm									
WIL-SXXX-FXSF-5700-X140-M8DX-S	PMMA	M8 / M8	3.4 W	141.7 mA	422 lm	148 lux	196 mm	1	2899950000
WIL-SXXX-FXSF-5700-X140-M8XX-S	PMMA	M8	3.4 W	141.7 mA	422 lm	148 lux	196 mm	1	2899890000
Housing length 280 mm									
WIL-SXXX-FXSF-5700-X280-M8DX-S	PMMA	M8 / M8	6.8 W	283.3 mA	844 lm	287 lux	336 mm	1	2899960000
WIL-SXXX-FXSF-5700-X280-M8XX-S	PMMA	M8	6.8 W	283.3 mA	844 lm	287 lux	336 mm	1	2899900000
Housing length 560 mm									
WIL-SXXX-FXSF-5700-X560-M8DX-S	PMMA	M8 / M8	13.5 W	562.5 mA	1266 lm	562 lux	616 mm	1	2899970000
WIL-SXXX-FXSF-5700-X560-M8XX-S	PMMA	M8	13.5 W	562.5 mA	1266 lm	562 lux	616 mm	1	2899910000
Housing length 840 mm									
WIL-SXXX-FXSF-5700-X840-M8DX-S	PMMA	M8 / M8	20.3 W	845.8 mA	2532 lm	819 lux	896 mm	1	2899980000
WIL-SXXX-FXSF-5700-X840-M8XX-S	PMMA	M8	20.3 W	845.8 mA	2532 lm	819 lux	896 mm	1	2899920000
Housing length 1120 mm									
WIL-SXXX-FXSF-5700-1120-M8XX-S	PMMA	M8	27 W	1125 mA	3376 lm	1079 lux	1176 mm	1	2899930000
Housing length 1400 mm									
WIL-SXXX-FXSF-5700-1400-M8XX-S	PMMA	M8	33.9 W	1412.5 mA	4221 lm	1335 lux	1456 mm	1	2899940000
Note									

Rated voltage 12...30 V DC

Light colour 6500 K



Technical data

Rated voltage	12...30 V DC
Wiring	Pin 1: control white LED 12-30V DC, Pin 2: dimmable 1.2-10V DC, Pin 3: GND(-), Pin 4: NC
Protection degree	IP69K
Depth	30 mm
Height	17.5 mm
Approvals	cURus
Note	

Ordering data

Type	Material of LED cover	Connection thread	Power	Rated current	Light current	Illumination level	Drill hole spacing	Qty.	Order No.
Housing length 140 mm									
WIL-SXXX-FXPF-6500-X140-M8DX-S		M8 / M8	3.6 W		603 lm		196 mm	1	2900160000
WIL-SXXX-FXPF-6500-X140-M8XX-S		M8	3.6 W		603 lm		196 mm	1	2899990000
Housing length 280 mm									
WIL-SXXX-FXPF-6500-X280-M8DX-S		M8 / M8	7.3 W		1206 lm		336 mm	1	2900170000
WIL-SXXX-FXPF-6500-X280-M8XX-S		M8	7.3 W		1206 lm		336 mm	1	2900110000
Housing length 560 mm									
WIL-SXXX-FXPF-6500-X560-M8DX-S		M8 / M8	14.6 W		2412 lm		616 mm	1	2900180000
WIL-SXXX-FXPF-6500-X560-M8XX-S		M8	14.6 W		2412 lm		616 mm	1	2900120000
Housing length 840 mm									
WIL-SXXX-FXPF-6500-X840-M8DX-S		M8 / M8	21.9 W		3618 lm		896 mm	1	2900190000
WIL-SXXX-FXPF-6500-X840-M8XX-S		M8	21.9 W		3618 lm		896 mm	1	2900130000
Housing length 1120 mm									
WIL-SXXX-FXPF-6500-1120-M8XX-S		M8	29.9 W		4824 lm		1176 mm	1	2900140000
Housing length 1400 mm									
WIL-SXXX-FXPF-6500-1400-M8XX-S		M8	36.2 W		6030 lm		1456 mm	1	2900150000
Note	Products and technical data available in third quarter 2023.								

Designation key of the WIL families



Designation key WIL

WIL - LRXXXX		- XXXX		D		024		- 450		MF		X5.0		O		M12WM12W	
LWXXXX	LED white	2700	2700 Kelvin	A	AC	012	12 V	145	145 mm	MF	Magnet mounting	X0.3	elec. wire 0.3 m	O	orange wire	M12GXXXX	M12 male straight
LBXXXX	LED blue	4000	4000 Kelvin	D	DC	024	24 V	240	240 mm	SX	screw mounting	X1.5	elec. wire 1.5 m	B	black wire	M12GM12G	M12 male straight to M12 female straight
LGXXXX	LED green	5700	5700 Kelvin	...	...	...	...	350	350 mm	MP	magnetic point mounting	X3.0	elec. wire 3.0 m	G	green wire	M12WXXXX	M12 angled male
LRXXXX	LED red	6500	6500 Kelvin	...	...	...	...	450	450 mm	CX	clip mounting	X5.0	elec. wire 5.0 m	...	...	M12GM12W	M12 male angled straight to M12 female
LYXXXX	LED yellow	WXXX	different wavelengths	...	...	...	...	555	555 mm	...	...	10.0	elec. wire 10 m	...	...	M12WM12W	M12 angled male to M12 female angled
LRYGXX	LED (red, yellow, green)	XXXX	place holder	...	...	...	...	655	655 mm	...	...	...	...	...	...	CVPXXXXX	Cigarette vehicle plug
LRGBXX	LED (red, green, blue)	...	...	...	...	...	...	765	765 mm	...	...	...	...	...	...	XXXXXXXX	open cable end
LRGBWX	LED (red, green, blue, white)	...	...	...	...	...	...	860	860 mm	...	...	...	...	...	...	...	...



Designation key WIL-E, -S and -L

WIL - L		XXXX		- RXSS		4000		- X190		M12X		S	
L	L-Series	XXXX	LED white	RXSS	Round Standard Swiveling	4000	4000 Kelvin	X140	140 mm	M12X	M12 male straight	S	Srew connection
E	E-Series	RGBX	LED (red, green, blue)	RXPS	Round Pro Swiveling	5000	5000 Kelvin	X190	190 mm	M12D	M12 male straight to M12 female straight	N	Groove connection
S	S-Series	RGBW	LED (red, green, blue, white)	RHPS	Round High Class Swiveling	5700	5700 Kelvin	X280	280 mm	M8XX	M8 male straight	X0	Angle of radiation 0°
...	...	...	...	FXSF	Flat Standard Fixed	6500	6500 Kelvin	X365	365 mm	M8DX	M8 male straight to M8 female straight	30	Angle of radiation 30°
...	...	...	...	FXPF	Flat Pro Fixed	...	...	X420	420 mm	...	...	60	Angle of radiation 60°
...	...	...	...	FPPF	Flat Potting Pro Fixed	...	...	X540	540 mm	...	...	...	...
...	...	...	...	...	...	...	...	X560	560 mm	...	...	...	...
...	...	...	...	...	...	...	...	X700	700 mm	...	...	...	...
...	...	...	...	...	...	...	...	X715	715 mm	...	...	...	...
...	...	...	...	...	...	...	...	X840	840 mm	...	...	...	...
...	...	...	...	...	...	...	...	X980	980 mm	...	...	...	...
...	...	...	...	...	...	...	...	1040	1040 mm	...	...	...	...
...	...	...	...	...	...	...	...	1120	1120 mm	...	...	...	...

LED expertise

Lumen

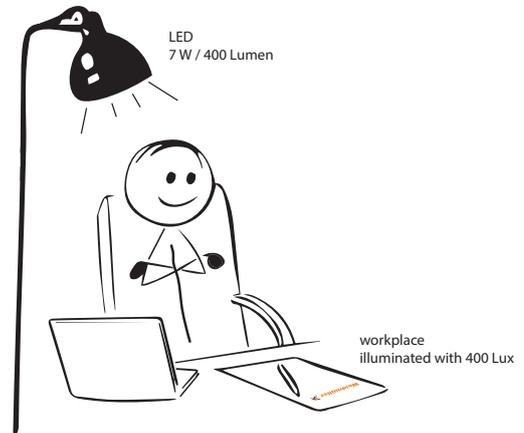
The unit lumen denotes the total light output of a light source.

This light output is called luminous flux. Luminous flux is measured per watt, and is used for the quality assurance of light sources.

Lux

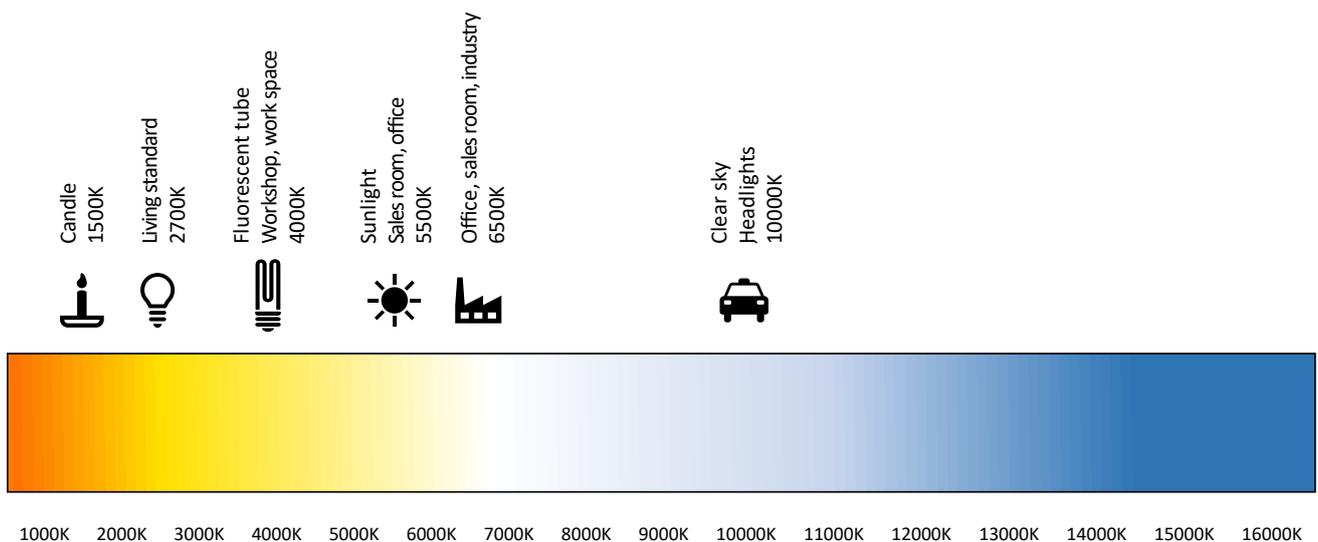
The lux unit is more limited and precise than the lumen unit.

This unit is used to calculate the amount of light (luminous flux) that falls on a certain, clearly defined area. This could be a tabletop or a sheet of paper for example.



Kelvin

The kelvin unit indicates the colour temperature of a light source. The kelvin value of a lamp indicates whether the lamp emits warm light or cool light. A lamp with a low kelvin value provides warm white light. The higher the kelvin value, the cooler the lighting effect.



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