



Waldmann **W**
ENGINEERS OF LIGHT

RL70 LE
A CLASSIC IN A NEW LIGHT

TUBE LIGHT





WHAT ACTUALLY MAKES A TRUE CLASSIC?

It needs to set trailblazing new standards. It must achieve popularity across the board. And it must be able to keep reinventing itself. Just like RL 70 LE from Waldmann, its functional design, robust construction and powerful light, has been delivering optimum visibility for decades around machine tools.

With its new variants, RL 70 LE delivers quality performance to multiple applications including production and packaging in addition to machine tools.

Now, yet again, this classic is setting a new standard ...



LOOKS LIKE ALWAYS.

Even under close scrutiny, you will see that we have not changed the visual appearance of this tube light. Perhaps because there are some shapes that cannot be improved. And the same applies to a fair number of good functional properties.



Design

Aesthetics that deliver benefits. The distinctive shape of RL 70 LE emerged very logically – with its function as a starting point – and this has a proven track record over decades. An optimum longitudinal template ensures that every conventional tube light can be replaced without any problem by RL 70 LE.

Material

Made for arduous working environments. To suit different applications, RL 70 LE comes in a range of materials. RL 70 LE is available with a borosilicate tube for wet and oily environments, with an acrylic tube for wet environments affected by powerful jets of water and with polycarbonate tube for higher impact and other applications.

Performance

Powerful light for continuous operation. Through a combination of ultra-modern LED technology and light-forming foil, RL 70 LE delivers homogeneous, glare-free light with a wide beam angle and smooth transitions. And zero-maintenance for non-stop operation.

IT'S LIKE NEVER BEFORE.

Good, powerful light for optimum visibility beside the machine tool – we could not improve on this. What we can do however is to ensure that even more locations can benefit from this.

Now also with
120V mains voltage!



Connection

No matter what voltage you may wish for. Previously only available with machine voltage (22-26 V), RL70LE now also comes with a 120-277 V mains voltage. This is achieved by dispensing with the integrated ballast, enabling this light to deliver homogeneous, glare-free lighting to various applications in addition to the machining environment.

Variety

More variants for even more application options. These new models coupled with new 120V versions made in various types of material extend RL 70 LE range to no fewer than 48 product variants. A varied product range to satisfy many needs. In all modern production environments.

Application

Good machine light, everywhere and at all times. Wherever optimum visibility is called for, RL 70 LE can provide a suitable answer. Thanks to its many variants, this light can be used in multiple applications including production and packaging.

ALL. OR MORE.

ACRYLIC

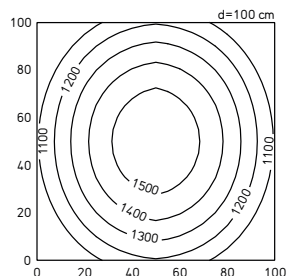
Part Number	Model Number	Type	Description	Light opening / Length
113279000-00712020	RL70LE-24N	24V DC (without operating device)	12.5 W - LED, 5000K	316mm (12.4") / 370mm (14.5")
113280000-00712023	RL70LE-36N		19 W - LED, 5000K	456mm (17.9") / 510mm (20.")
113281000-00712026	RL70LE-48N		25 W - LED, 5000K	596mm (23.4") / 650mm (25.6")
113282000-00712029	RL70LE-60N		31.5 W - LED, 5000K	736mm (28.9") / 790mm (31.1")
113283000-00712032	RL70LE-84N		44 W - LED, 5000K	1016mm (40") / 1070mm (42.1")
113284000-00712036	RL70LE-96N		50 W - LED, 5000K	1156mm (45.5") / 1210mm (47.6")
113513000-00722105	RL70LE-24DN		12.5 W - LED, 5000K, Through Wire	316mm (12.4") / 370mm (14.5")
113514000-00722108	RL70LE-36DN		19 W - LED, 5000K, Through Wire	456mm (17.9") / 510mm (20.")
113515000-00722111	RL70LE-48DN		25 W - LED, 5000K, Through Wire	596mm (23.4") / 650mm (25.6")
113516000-00722114	RL70LE-60DN		31.5 W - LED, 5000K, Through Wire	736mm (28.9") / 790mm (31.1")
113517000-00722117	RL70LE-84DN		44 W - LED, 5000K, Through Wire	1016mm (40") / 1070mm (42.1")
113518000-00722121	RL70LE-96DN		50 W - LED, 5000K, Through Wire	1156mm (45.5") / 1210mm (47.6")
R7E24N000	RL70LE-24N	120-277V	17.5W, 5000K	316mm (12.4") / 370mm (14.6")
R7E36N000	RL70LE-36N		24W, 5000K	456mm (17.9") / 510mm (20.1")
R7E48N000	RL70LE-48N		30W, 5000K	596mm (23.5") / 650mm (25.6")
R7E60N000	RL70LE-60N		36.5W, 5000K	736mm (29.0") / 790mm (31.1")
R7E84N000	RL70LE-84N		49W, 5000K	1016mm (40.0") / 1070mm (42.1")
R7E96N000	RL70LE-96N		55W, 5000K	1156mm (15.5") / 1210mm (47.6")
R7E24DN00	RL70LE-24DN		17.5W, 5000K, Through Wire	316mm (12.4") / 370mm (14.6")
R7E36DN00	RL70LE-36DN		24W, 5000K, Through Wire	456mm (17.9") / 510mm (20.1")
R7E48DN00	RL70LE-48DN		30W, 5000K, Through Wire	596mm (23.5") / 650mm (25.6")
R7E60DN00	RL70LE-60DN		36.5W, 5000K, Through Wire	736mm (29.0") / 790mm (31.1")
R7E84DN00	RL70LE-84DN		49W, 5000K, Through Wire	1016mm (40.0") / 1070mm (42.1")
R7E96DN00	RL70LE-96DN		55W, 5000K, Through Wire	1156mm (15.5") / 1210mm (47.6")

GLASS

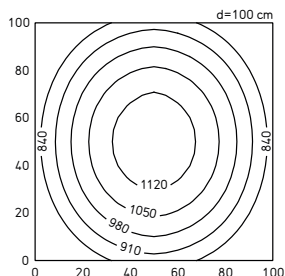
Part Number	Model Number	Type	Description	Light opening / Length
113279000-00641386	RL70LE-24N	24V DC (without operating device)	12.5 W - LED, 5000K	316mm (12.4") / 370mm (14.5")
113280000-00641389	RL70LE-36N		19 W - LED, 5000K	456mm (17.9") / 510mm (20.")
113281000-00641392	RL70LE-48N		25 W - LED, 5000K	596mm (23.4") / 650mm (25.6")
113282000-00641395	RL70LE-60N		31.5 W - LED, 5000K	736mm (28.9") / 790mm (31.1")
113283000-00641398	RL70LE-84N		44 W - LED, 5000K,	1016mm (40") / 1070mm (42.1")
113284000-00641401	RL70LE-96N		50 W - LED, 5000K,	1156mm (45.5") / 1210mm (47.6")
R7E24N001	RL70LE-24N	120-277V	17.5W, 5000K	316mm (12.4") / 370mm (14.6")
R7E36N001	RL70LE-36N		24W, 5000K	456mm (17.9") / 510mm (20.1")
R7E48N001	RL70LE-48N		30W, 5000K	596mm (23.5") / 650mm (25.6")
R7E60N001	RL70LE-60N		36.5W, 5000K	736mm (29.0") / 790mm (31.1")
R7E84N001	RL70LE-84N		49W, 5000K	1016mm (40.0") / 1070mm (42.1")
R7E96N001	RL70LE-96N		55W, 5000K	1156mm (15.5") / 1210mm (47.6")
R7E24DN01	RL70LE-24DN		17.5W, 5000K, Through Wire	316mm (12.4") / 370mm (14.6")
R7E36DN01	RL70LE-36DN		24W, 5000K, Through Wire	456mm (17.9") / 510mm (20.1")
R7E48DN01	RL70LE-48DN		30W, 5000K, Through Wire	596mm (23.5") / 650mm (25.6")
R7E60DN01	RL70LE-60DN		36.5W, 5000K, Through Wire	736mm (29.0") / 790mm (31.1")
R7E84DN01	RL70LE-84DN		49W, 5000K, Through Wire	1016mm (40.0") / 1070mm (42.1")
R7E96DN01	RL70LE-96DN		55W, 5000K, Through Wire	1156mm (15.5") / 1210mm (47.6")

Information about accessories is available on the website: www.waldmannlighting.com

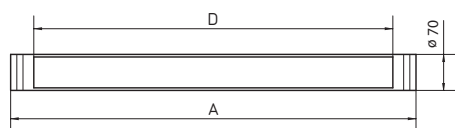
* E_m = medium illuminance; E_{max} = maximum illuminance; ¹ measuring field 100 × 100 cm/measuring distance 100 cm; A = luminaire length; D = light emission length



Illuminance based on
the example of the
RL70LE-120 N



Illuminance based on
the example of the
RL70LE-96 N



Powerful light for non-stop operations.

Illuminant:	LED technology
Color temperature:	neutral white 5000 K
Color rendering:	Ra > 80
Glare-free:	with Light Forming Technology
Light body:	borosilicate glass, acrylic or PC
LED service life:	> 50 000 hrs (L70)
Ambient temperature:	T _{a max} 40 ° C
Degree of protection / protection class:	IP67/III
Connection:	via cable gland
Accessories:	various brackets and operating devices for connection to mains voltage

POLYCARBONATE

Part Number	Model Number	Type	Description	Light opening / Length
113279000-00710505	RL70LE-24N	24V DC (without operating device)	12.5W - LED, 5000K	316mm (12.4") / 370mm (14.5")
113280000-00710508	RL70LE-36N		19 W - LED, 5000K	456mm (17.9") / 510mm (20.1")
113281000-00710511	RL70LE-48N		25W - LED, 5000K	596mm (23.4") / 650mm (25.5")
113282000-00710514	RL70LE-60N		31.5 W - LED, 5000K	736mm (28.9") / 790mm (31.1")
113283000-00710517	RL70LE-84N		44 W - LED, 5000K	1016mm (40") / 1070mm (42.1")
113284000-00710521	RL70LE-96N		50 W - LED, 5000K	1156mm (45.5") / 1210mm (47.6")
113448000-00694622	RL70LE-36		10 W - LED, 5500K, Impact Resist	824mm (32.4") / 935 mm (36.8")
113449000-00694640	RL70LE-108		30 W - LED, 5500K, Impact Resist	1251mm (49.2") / 1362 mm (53.6")
113179000-00694619	RL70LE-36D		10 W - LED, 5500K, Impact Resist, Thru Wire	824mm (32.4") / 935 mm (36.8")
113180000-00694637	RL70LE-108D		31 W - LED, 5500K, Impact Resist, Thru Wire	1251mm (49.2") / 1362 mm (53.6")
R7E24N002	RL70LE-24N	120-277V	17.5W, 5000K	316mm (12.4") / 370mm (14.6")
R7E36N002	RL70LE-36N		24W, 5000K	456mm (17.9") / 510mm (20.1")
R7E48N002	RL70LE-48N		30W, 5000K	596mm (23.5") / 650mm (25.6")
R7E60N002	RL70LE-60N		36.5W, 5000K	736mm (29.0") / 790mm (31.1")
R7E84N002	RL70LE-84N		49W, 5000K	1016mm (40.0") / 1070mm (42.1")
R7E96N002	RL70LE-96N		55W, 5000K	1156mm (45.5") / 1210mm (47.6")
R7E24DN02	RL70LE-24DN		17.5W, 5000K, Through Wire	316mm (12.4") / 370mm (14.6")
R7E36DN02	RL70LE-36DN		24W, 5000K, Through Wire	456mm (17.9") / 510mm (20.1")
R7E48DN02	RL70LE-48DN		30W, 5000K, Through Wire	596mm (23.5") / 650mm (25.6")
R7E60DN02	RL70LE-60DN		36.5W, 5000K, Through Wire	736mm (29.0") / 790mm (31.1")
R7E84DN02	RL70LE-84DN		49W, 5000K, Through Wire	1016mm (40.0") / 1070mm (42.1")
R7E96DN02	RL70LE-96DN		55W, 5000K, Through Wire	1156mm (45.5") / 1210mm (47.6")

ACCESSORIES

Part Number	Special Feature	Image
SK1021719-00085499	with rubber profile	
SK0995719-00085652	with rubber profile	
190015719-00085498	with rubber profile	
190027019-00057337		

EXTERNAL OPERATING DEVICES

Part Number	Max Wattage	Output	Voltage Range
209585029	20W	24V DC	120-277V, 50/60 Hz
209585032	96W		120-277V, 50/60 Hz
US0009942	40W	120-277V	120-277V, 50/60 Hz
US0009943	60W		120-277V, 50/60 Hz

Information about accessories is available on the website: www.waldmannlighting.com

* E_m = medium illuminance; * E_{max} = maximum illuminance; ¹ measuring field 100 × 100 cm/measuring distance 100 cm; A = light length; D = light emission length

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