

# RL70

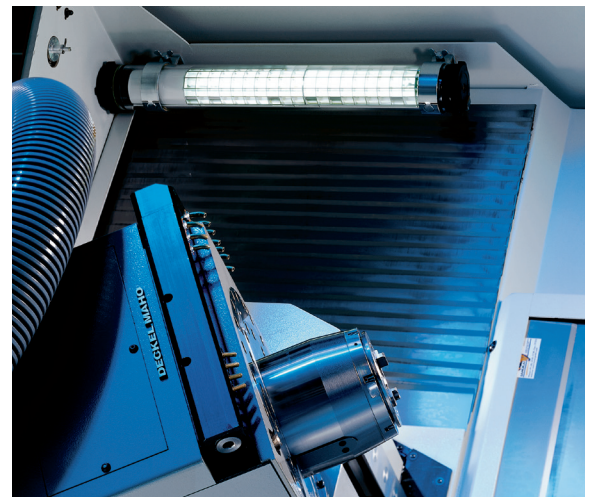
## INDUSTRIAL FLUORESCENT TUBE LIGHT

### FEATURES:

- RL70 CE Series - For compact fluorescent lamps and electronic ballast (CE)
- RL70 E Series - For standard bi-pin T5, T5HO and T8 lamps, electronic ballast only
- RL70 S Series- For remote ballast applications, ballast not included
- "All-In-One" models are pre-wired with electronic ballast, 8ft cord set and brackets
- "H" models include piggyback, low-profile electronic ballasts, louver and end caps

### SPECIFICATIONS:

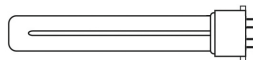
Voltage	24V AC or DC, 120-277V, 50/60Hz
Lamping	CFL, T5, T5HO, T8, fluorescent
Operation	connect to external source
Color Temperature	4000K
Tube Material	acrylic or borosilicate glass
Dimension	2.75" diameter, various lengths
Protection Rating	IP67
Cord/Plug	only on specified models
Certification	CE, ETL/cETL approved
Mounting and accessories	See page 67



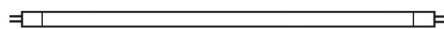
The RL70 industrial tube light provides broad, wide area illumination inside the machine compartment and is ideal for areas requiring a high output, linear fluorescent light source. This durable, waterproof (IP67) luminaire is available in varying lengths, with a variety of mounting options to fit a wide range of applications. Available with either glass or acrylic tubes, the RL70 is designed to illuminate hard to reach areas too small for traditional luminaire mounting. It is designed to be impervious to debris, coolants and lubricants found inside the machine compartment. The RL70 is available in a wide range of sizes, variants and mounting accessories, RL70 installs easily in a variety of equipment, machine compartments and enclosures. They are available in lengths from 17" to 67" and provide powerful, glare-free illumination. Low-voltage models are also available in 24V DC for improved safety and connection to an existing 24V power supply on the machine.

**RL70 C SERIES (CFL and electronic ballasts)**

Length	Voltage	Tube	Lamping	Lumens	Model	Part #
18.9" (480mm)	120V; 60Hz	Acrylic	18W T5 CFL	1250	RL70CE-118	041 803 016 - 000 069 93
18.9" (480mm)	120V; 60Hz	Glass	18W T5 CFL	1250	RL70CE-118	041 803 015 - 000 800 14
20.6" (524mm)	24V DC	Acrylic	18W T5 CFL	1250	RL70CE-118	112 370 000 - 000 841 57
20.6" (524mm)	24V DC	Glass	18W T5 CFL	1250	RL70CE-118	112 370 001 - 000 841 61
20.6" (524mm)	24V AC; 50/60Hz	Acrylic	18W T5 CFL	1250	RL70CE-118	112 369 000 - 000 841 94
20.6" (524mm)	24V AC; 50/60Hz	Glass	18W T5 CFL	1250	RL70CE-118	112 369 001 - 000 842 04
26.7" (679mm)	120-277V; 50/60Hz	Acrylic	24W T5 CFL	2000	RL70CE-124	108 670 000 - 000 814 48
26.7" (679mm)	120-277V; 50/60Hz	Glass	24W T5 CFL	2000	RL70CE-124	108 670 001 - 000 814 50
26.7" (679mm)	120-277V; 50/60Hz	Acrylic	24W T5 CFL	2000	RL70CE-124	108 670 M00*
26.7" (679mm)	120-277V; 50/60Hz	Glass	24W T5 CFL	2000	RL70CE-124	108 670 M01*
19.5" (495mm)	100-280V; 50/60Hz	Acrylic	24W T5 CFL	2000	RL70CE-124H	112 913 010 - 004 887 29
19.5" (495mm)	100-280V; 50/60Hz	Glass	24W T5 CFL	2000	RL70CE-124H	112 913 011 - 004 887 35
25.2" (639mm)	24V DC	Acrylic	24W T5 CFL	2000	RL70CE-124	111 440 000 - 000 571 73
25.2" (639mm)	24V DC	Glass	24W T5 CFL	2000	RL70CE-124	111 440 001 - 000 571 75
25.2" (639mm)	24V AC; 50/60Hz	Acrylic	24W T5 CFL	2000	RL70CE-124	111 410 000 - 000 571 56
25.2" (639mm)	24V AC; 50/60Hz	Glass	24W T5 CFL	2000	RL70CE-124	111 410 001 - 000 571 58
31" (788mm)	120-277V; 50/60Hz	Acrylic	36W T5 CFL	2900	RL70CE-136	108 680 000 - 000 814 55
31" (788mm)	120-277V; 50/60Hz	Glass	36W T5 CFL	2900	RL70CE-136	108 680 001 - 000 814 57
31" (788mm)	120-277V; 50/60Hz	Acrylic	36W T5 CFL	2900	RL70CE-136	108 680 M00*
31" (788mm)	120-277V; 50/60Hz	Glass	36W T5 CFL	2900	RL70CE-136	108 680 M01*
21.5" (546mm)	110-230V; 50/60Hz	Acrylic	36W T5 CFL	2900	RL70CE-136H	619 063 010 - 000 775 90**
21.5" (546mm)	110-230V; 50/60Hz	Glass	36W T5 CFL	2900	RL70CE-136H	619 063 011 - 000 059 22**
29.4" (747mm)	24V DC	Acrylic	36W T5 CFL	2900	RL70CE-136	111 450 000 - 000 640 46
29.4" (747mm)	24V DC	Glass	36W T5 CFL	2900	RL70CE-136	111 450 001 - 000 571 77
29.4" (747mm)	24V AC; 50/60Hz	Acrylic	36W T5 CFL	2900	RL70CE-136	111 420 000 - 000 571 61
29.4" (747mm)	24V AC; 50/60Hz	Glass	36W T5 CFL	2900	RL70CE-136	111 420 001 - 000 571 64

**Types of fluorescent lamps**


Compact Fluorescent (CFL)



T8 Fluorescent (LFL)



T5 and T5HO Fluorescents (LFL)

\* All-in-one model, includes short brackets and 8ft cord

\*\* Piggyback ballast (ballast located behind lamps), w/ louver, no cord or bracket

**RL70 E SERIES** (For standard bi-pin T5 & T8 lamps)

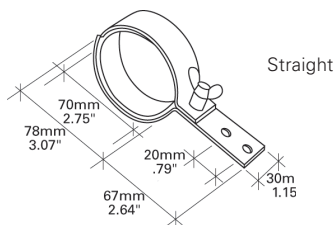
Length	Voltage	Tube	Lamping	Lumens	Model	Part #
36.2" (919mm)	24V DC	Acrylic	F18T8	1600	RL70E-118	111 690 000 - 000 634 06
36.2" (919mm)	24V DC	Glass	F18T8	1600	RL70E-118	111 690 001 - 000 634 08
36.2" (919mm)	24V AC; 50/60Hz	Acrylic	F18T8	1600	RL70E-118	111 650 000 - 000 630 29
36.2" (919mm)	24V AC; 50/60Hz	Glass	F18T8	1600	RL70E-118	111 650 001
40.6" (1030mm)	120-277V; 50/60Hz	Acrylic	F17T8	1400	RL70E-117	128 100 000 - 000 848 31
40.6" (1030mm)	120-277V; 50/60Hz	Glass	F17T8	1400	RL70E-117	128 100 001 - 000 848 32
40.6" (1030mm)	120V; 60Hz	Acrylic	F17T8	1400	RL70E-117	128 100 900*
40.6" (1030mm)	120V; 60Hz	Glass	F17T8	1400	RL70E-117	128 100 901*
41.2" (1047mm)	120-277V; 50/60Hz	Acrylic	2 x 24WT5HO	4000	RL70E-224	138 451 000 - 000 196 65
41.2" (1047mm)	120-277V; 50/60Hz	Glass	2 x 24WT5HO	4000	RL70E-224	138 451 001 - 000 196 72
52.6" (1335mm)	120-277V; 50/60Hz	Acrylic	F25T8	2500	RL70E-125	128 110 000 - 000 848 33
52.6" (1335mm)	120V; 60Hz	Acrylic	F25T8	2500	RL70E-125	128 110 900*
60.3" (1532mm)	24V DC	Acrylic	F36T8	2900	RL70E-136	111 730 000 - 000 599 87
60.3" (1532mm)	24V DC	Glass	F36T8	2900	RL70E-136	111 730 001 - 000 599 91
60.3" (1532mm)	24V AC; 50/60Hz	Acrylic	F36T8	2900	RL70E-136	111 720 000 - 000 599 78
60.3" (1532mm)	24V AC; 50/60Hz	Glass	F36T8	2900	RL70E-136	111 720 001 - 000 599 80
52.7" (1338mm)	120-277V; 50/60Hz	Acrylic	2 x 39WT5HO	7000	RL70E-239	138 450 000 - 000 197 26
52.7" (1338mm)	120-277V; 50/60Hz	Glass	2 x 39WT5HO	7000	RL70E-239	138 450 001 - 000 197 27
65.2" (1656mm)	120-277V; 50/60Hz	Acrylic	F32T8	2900	RL70E-132	128 120 000 - 000 848 35
65.2" (1656mm)	120-277V; 50/60Hz	Glass	F32T8	2900	RL70E-132	128 120 001 - 000 848 36
65.2" (1656mm)	120V; 60Hz	Acrylic	F32T8	2900	RL70E-132	128 120 900*
65.2" (1656mm)	120V; 60Hz	Glass	F32T8	2900	RL70E-132	128 120 901*
67.4" (1711mm)	100-280V; 50/60Hz	Glass	2 x 54WT5HO	10000	RL70E-254	138 491 001 - 004 888 41

\* All-in-one model, includes built-in brackets and 8ft cord

**RL70 S SERIES** (For use w/ remote ballast, to be purchased separately)

Length	Voltage	Tube	Lamping	Lumens	Model	Part #
14.4" (367mm)	per remote ballast	Acrylic	18W T5 CFL	1250	RL70C-118 S	108 210 000 - 000 555 26
14.4" (367mm)	per remote ballast	Glass	18W T5 CFL	1250	RL70C-118 S	108 210 001 - 000 554 22
20.7" (525mm)	per remote ballast	Glass	36W T5 CFL	2900	RL70C-136 S	108 620 001 - 000 138 18
30.9" (784mm)	per remote ballast	Acrylic	17W T8 LFL	1400	RL70C-117 S	128 130 000 - 000 848 37
30.9" (784mm)	per remote ballast	Glass	17W T8 LFL	1400	RL70C-117 S	128 130 001
54.9" (1394mm)	per remote ballast	Acrylic	32W T8 LFL	2950	RL70C-132 S	128 150 000 - 000 848 41

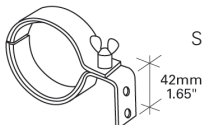
## MOUNTING ACCESSORIES



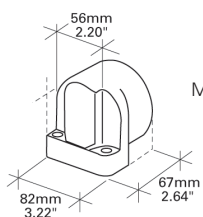
Straight



Long L



Short L



Molded End Cap

Item	Bracket Material	Insert Material	Part #
Bracket, straight	Galvanized steel	Neoprene	190 015 019 - 000 149 30
Bracket, long-L	Galvanized steel	Neoprene	SK1 021 019 - 000 102 86
Bracket, short-L	Galvanized steel	Neoprene	190 015 995
Bracket, straight	Galvanized steel	Profiled rubber	190 015 719 - 000 854 98
Bracket, long-L	Galvanized steel	Profiled rubber	SK1 021 719 - 000 854 99
Bracket, short-L	Galvanized steel	Profiled rubber	SK0 995 719 - 000 856 52
Bracket, straight	Stainless steel	Neoprene	190 180 019 - 000 927 31
Bracket, long-L	Stainless steel	Neoprene	190 183 019 - 000 939 61
Bracket, short-L	Stainless steel	Neoprene	190 181 019 - 000 927 28
Bracket, straight	Stainless steel	Profiled rubber	190 180 719 - 000 927 30
Bracket, long-L	Stainless steel	Profiled rubber	190 169 719 - 000 893 51
Bracket, short-L	Stainless steel	Profiled rubber	190 181 719 - 000 927 29
End Caps (set of two)	Black plastic	na	US0 165 012

\*All RL models require 2 mounting brackets per fixture unless otherwise noted

## REMOTE BALLASTS FOR S SERIES

Wattage	For Use With	Voltage	Part #
1x24/39W or 2x24/39W	T5 LFL	120-277V; 50/60Hz	309 361 050 - 000 922 19
1x18/24/36W or 2x18/24/36W	T5 CFL	120-277V; 50/60Hz	309 439 010 - 000 937 16
1x17/25/32W	T8 Lamps	120-277V; 50/60Hz	309 368 010

## RL70 REPLACEMENT LAMPS

Item	Base	Lumens	Length	Part #
17W T8 LFL	G13	1400	23.9" (609mm)	450 017 020
18W T5 CFL	2G11	1250	9" (229mm)	450 018 010
24W T5 CFL	2G11	2000	22" (559mm)	450 024 M10
25W T8 LFL	G13	2225	35.9" (914mm)	450 025 020
32W T8 LFL	G13	2950	47.9" (1219mm)	450 032 020
36W T5 CFL	2G11	2900	16.5" (419mm)	450 036 M10
24W T5HO CFL	G5	2000	22.2" (563mm)	450 024 M12
39W T5HO CFL	G5	3500	34" (864mm)	450 039 012
54W T5HO CFL	G5	5000	45.9" (1168mm)	450 054 012