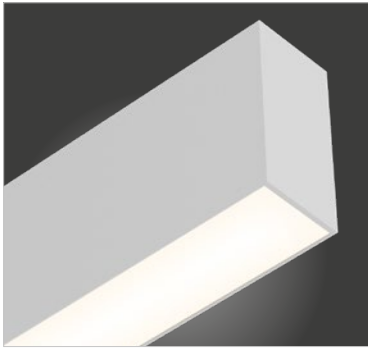


LEDliner47 Down + Up&Down / Ready-To-Go

Technical Datasheet



General specs

Type	Down: Suspended / Ceiling mounted / Wall mounted Up&Down: Suspended 1 or 2 circuits / Wall mounted 1 or 2 circuits
Material	Profile: Aluminium Cover Up & Cover Down: Acrylate (PMMA)
Lightsource	Philips Fortimo LED modules
Dimmable	Non dim / 1-10V dim / Touch&DALI dim
Weight	Average weight of equipped profile: 2.70kg/m
Cover	Opal (Prismatic cover is NOT AVAILABLE for LEDliner47)

Information

Rectangle aluminium extruded profile 47x98mm in Down (suspended, ceiling mounted or wall mounted) and Up&Down (suspended or wall mounted, both 1 or 2 circuits) version. Strong attention is given to thermal management (reduction of heat) and equal light distribution. LEDliner47 offers the latest and best performing LED lighting technology using Philips LED Lines.

IP20



RoHS

CE



Available colors

Standard

01

White
Matt Text.

03

Black
Matt Text.

18

Grey 9006
Matt Text.

07

Anthracite
Matt Text.

Optional

15

Corten

16

Gold Matt

24

Old Matt
Copper

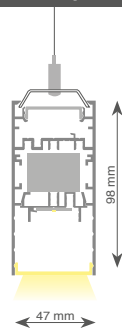
25

Smoked
Brown

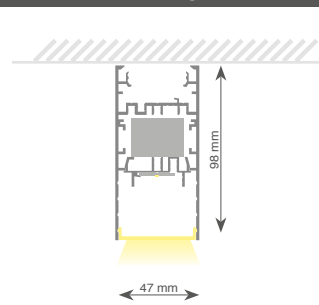
Other colors on request.

Mounting Methods (Down)

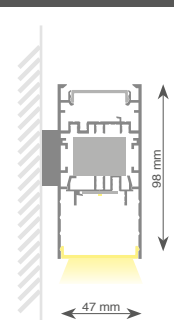
Down - Suspended



Down - Ceiling Mounted



Down - Wall Mounted



Included

Profile
Top cover
End Caps
LED Modules
PC Cover Down
Suspension cables (2000mm)
Connecting box
Textile power cable (2000mm)

Included

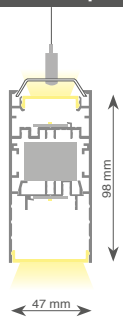
Profile
End Caps
LED Modules
PC Cover Down

Included

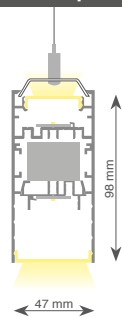
Profile
End Caps
LED Modules
PC Cover Down
Wall brackets

Mounting Methods (Up&Down)

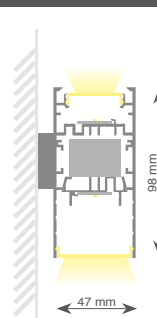
Up&Down - Susp. 1circuit



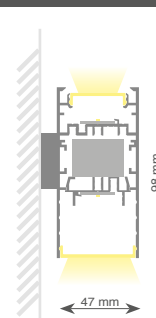
Up&Down - Susp. 2 circuits



Up&Down - Wall M. 1circuit



Up&Down - Wall M. 2 circuits



Included

Profile
Top cover
End Caps
LED Modules
PC Cover Down
Suspension cables (2000mm)
Connecting box
Textile power cable (2000mm)

Included

Profile
Top cover
End Caps
LED Modules
PC Cover Down
Suspension cables (2000mm)
Connecting box
Textile power cable (2000mm)

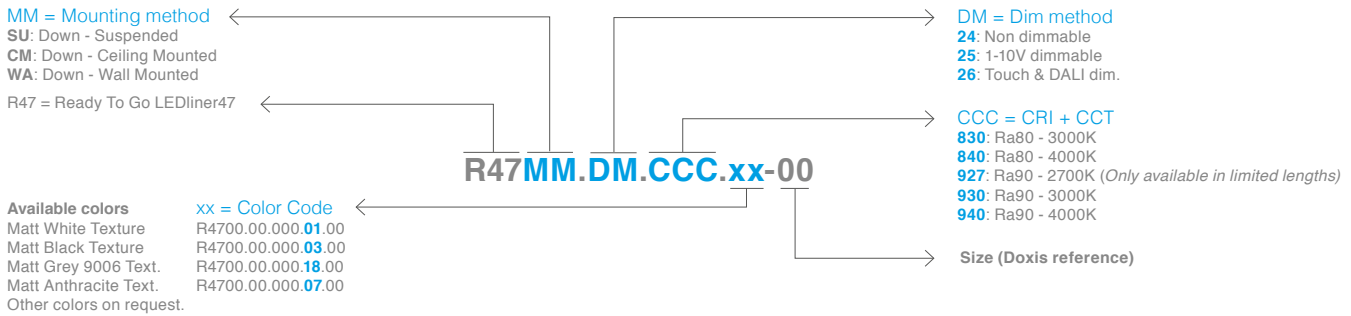
Included

Profile
End Caps
LED Modules
PC Cover Down
Wall brackets

Included

Profile
End Caps
LED Modules
PC Cover Down
Wall brackets

Article number composition



LEDliner47 Down - Ready To Go - 3000K Ra80

Article nr.	CCT - CRI	Length Total**	Lengths Individual**	Lum. Flux LED Module*	Power LED Module	Lum. Flux Luminaire*	Power Luminaire
R47MM.DM.830.xx.06	3000K - Ra80	879 mm	-	3132 lm	18.6 W	1793 lm	20.9 W
R47MM.DM.830.xx.07	3000K - Ra80	1021 mm	-	3654 lm	21.7 W	2092 lm	24.3 W
R47MM.DM.830.xx.08	3000K - Ra80	1159 mm	-	4176 lm	24.8 W	2391 lm	27.8 W
R47MM.DM.830.xx.09	3000K - Ra80	1301 mm	-	4698 lm	27.9 W	2690 lm	31.3 W
R47MM.DM.830.xx.10	3000K - Ra80	1441 mm	-	5220 lm	31 W	2989 lm	34.8 W
R47MM.DM.830.xx.11	3000K - Ra80	1583 mm	-	5742 lm	34.1 W	3288 lm	38.2 W
R47MM.DM.830.xx.12	3000K - Ra80	1721 mm	-	6264 lm	37.2 W	3587 lm	41.7 W
R47MM.DM.830.xx.13	3000K - Ra80	1863 mm	-	6786 lm	40.3 W	3885 lm	45.2 W
R47MM.DM.830.xx.14	3000K - Ra80	2002 mm	-	7308 lm	43.4 W	4184 lm	48.7 W
R47MM.DM.830.xx.15	3000K - Ra80	2144 mm	-	7830 lm	46.5 W	4483 lm	52.1 W
R47MM.DM.830.xx.16	3000K - Ra80	2282 mm	-	8352 lm	49.6 W	4782 lm	55.6 W
R47MM.DM.830.xx.17	3000K - Ra80	2424 mm	-	8874 lm	52.7 W	5081 lm	59.1 W
R47MM.DM.830.xx.18	3000K - Ra80	2564 mm	-	9396 lm	55.8 W	5380 lm	62.6 W
R47MM.DM.830.xx.19	3000K - Ra80	2706 mm	-	9918 lm	58.9 W	5679 lm	66 W
R47MM.DM.830.xx.20	3000K - Ra80	2844 mm	-	10440 lm	62 W	5978 lm	69.5 W
R47MM.DM.830.xx.21	3000K - Ra80	2986 mm	-	10962 lm	65.1 W	6276 lm	73 W
R47MM.DM.830.xx.22	3000K - Ra80	3125 mm	-	11484 lm	68.2 W	6575 lm	76.5 W
R47MM.DM.830.xx.23	3000K - Ra80	3267 mm	-	12006 lm	71.3 W	6874 lm	79.9 W
R47MM.DM.830.xx.24	3000K - Ra80	3405 mm	-	12528 lm	74.4 W	7173 lm	83.4 W
R47MM.DM.830.xx.25	3000K - Ra80	3548 mm	1701 + 1843 mm	13050 lm	77.5 W	7472 lm	86.9 W
R47MM.DM.830.xx.26	3000K - Ra80	3687 mm	1701 + 1982 mm	13572 lm	80.6 W	7771 lm	90.4 W
R47MM.DM.830.xx.27	3000K - Ra80	3829 mm	1843 + 1982 mm	14094 lm	83.7 W	8070 lm	93.8 W
R47MM.DM.830.xx.28	3000K - Ra80	3968 mm	1982 + 1982 mm	14616 lm	86.8 W	8369 lm	97.3 W
R47MM.DM.830.xx.29	3000K - Ra80	4110 mm	1982 + 2125 mm	15138 lm	89.9 W	8667 lm	100.8 W
R47MM.DM.830.xx.30	3000K - Ra80	4248 mm	1982 + 2262 mm	15660 lm	93 W	8966 lm	104.3 W
R47MM.DM.830.xx.31	3000K - Ra80	4390 mm	2125 + 2262 mm	16182 lm	96.1 W	9265 lm	107.7 W
R47MM.DM.830.xx.32	3000K - Ra80	4528 mm	2262 + 2262 mm	16704 lm	99.2 W	9564 lm	111.2 W
R47MM.DM.830.xx.33	3000K - Ra80	4670 mm	2262 + 2405 mm	17226 lm	102.3 W	9863 lm	114.7 W
R47MM.DM.830.xx.34	3000K - Ra80	4810 mm	2262 + 2544 mm	17748 lm	105.4 W	10162 lm	118.2 W
R47MM.DM.830.xx.35	3000K - Ra80	4952 mm	2405 + 2544 mm	18270 lm	108.5 W	10461 lm	121.6 W
R47MM.DM.830.xx.36	3000K - Ra80	5091 mm	2544 + 2544 mm	18792 lm	111.6 W	10760 lm	125.1 W
R47MM.DM.830.xx.37	3000K - Ra80	5233 mm	2544 + 2686 mm	19314 lm	114.7 W	11058 lm	128.6 W
R47MM.DM.830.xx.38	3000K - Ra80	5371 mm	2544 + 2824 mm	19836 lm	117.8 W	11357 lm	132.1 W
R47MM.DM.830.xx.39	3000K - Ra80	5513 mm	2544 + 2966 mm	20358 lm	120.9 W	11656 lm	135.5 W
R47MM.DM.830.xx.40	3000K - Ra80	5653 mm	2544 + 3105 mm	20880 lm	124 W	11955 lm	139 W
R47MM.DM.830.xx.41	3000K - Ra80	5795 mm	2544 + 3248 mm	21402 lm	127.1 W	12254 lm	142.5 W
R47MM.DM.830.xx.42	3000K - Ra80	5933 mm	2824 + 3105 mm	21924 lm	130.2 W	12553 lm	146 W
R47MM.DM.830.xx.43	3000K - Ra80	6075 mm	2966 + 3105 mm	22446 lm	133.3 W	12852 lm	149.4 W
R47MM.DM.830.xx.44	3000K - Ra80	6214 mm	3105 + 3105 mm	22968 lm	136.4 W	13151 lm	152.9 W
R47MM.DM.830.xx.45	3000K - Ra80	6356 mm	3105 + 3248 mm	23490 lm	139.5 W	13449 lm	156.4 W
R47MM.DM.830.xx.46	3000K - Ra80	6494 mm	3105 + 3385 mm	24012 lm	142.6 W	13748 lm	159.9 W
R47MM.DM.830.xx.47	3000K - Ra80	6636 mm	3248 + 3385 mm	24534 lm	145.7 W	14047 lm	163.3 W
R47MM.DM.830.xx.48	3000K - Ra80	6774 mm	3385 + 3385 mm	25056 lm	148.8 W	14346 lm	166.8 W

General specs		Lumen Maintenance	
	LED Module	Luminaire	
Efficacy 3000K - Ra80	168.4lm/W	86lm/W	L70 B50 >70000 hrs
Efficacy 4000K - Ra80	177.4lm/W	90.6lm/W	B20 >70000 hrs
Efficacy 2700K - Ra90	131.8lm/W	67.3lm/W	B10 >70000 hrs
Efficacy 3000K - Ra90	134lm/W	68.4lm/W	L80 B50 >70000 hrs
Efficacy 4000K - Ra90	141.1lm/W	72lm/W	B20 65000 hrs
			B10 60000 hrs
Color consistency	SDCM 3		L90 B50 35000 hrs
Photobiological safety	Risk Group 1		B20 35000 hrs
Power factor	0.9		B10 30000 hrs

* Depending on the finish a luminous flux decrease up to 18% is possible relative to the luminous flux when opting for standard matt white texture powdercoated profiles.

** The max. length of a single piece of profile is 3405mm. Ready to go-profiles with a length higher than 3405mm consist of 2 individual piece connected with a 180° mechanical connector
Total length is the length with end caps included, individual lengths are lengths with the end cap excluded.

LEDliner47 Down - Ready To Go - 4000K Ra80

Article nr.	CCT - CRI	Length Total**	Lengths Individual**	Lum. Flux LED Module*	Power LED Module	Lum. Flux Luminaire*	Power Luminaire
R47MM.DM.840.xx.06	4000K - Ra80	879 mm	-	3300 lm	18.6 W	1889 lm	20.9 W
R47MM.DM.840.xx.07	4000K - Ra80	1021 mm	-	3850 lm	21.7 W	2204 lm	24.3 W
R47MM.DM.840.xx.08	4000K - Ra80	1159 mm	-	4400 lm	24.8 W	2519 lm	27.8 W
R47MM.DM.840.xx.09	4000K - Ra80	1301 mm	-	4950 lm	27.9 W	2834 lm	31.3 W
R47MM.DM.840.xx.10	4000K - Ra80	1441 mm	-	5500 lm	31 W	3149 lm	34.8 W
R47MM.DM.840.xx.11	4000K - Ra80	1583 mm	-	6050 lm	34.1 W	3464 lm	38.2 W
R47MM.DM.840.xx.12	4000K - Ra80	1721 mm	-	6600 lm	37.2 W	3779 lm	41.7 W
R47MM.DM.840.xx.13	4000K - Ra80	1863 mm	-	7150 lm	40.3 W	4094 lm	45.2 W
R47MM.DM.840.xx.14	4000K - Ra80	2002 mm	-	7700 lm	43.4 W	4409 lm	48.7 W
R47MM.DM.840.xx.15	4000K - Ra80	2144 mm	-	8250 lm	46.5 W	4724 lm	52.1 W
R47MM.DM.840.xx.16	4000K - Ra80	2282 mm	-	8800 lm	49.6 W	5039 lm	55.6 W
R47MM.DM.840.xx.17	4000K - Ra80	2424 mm	-	9350 lm	52.7 W	5353 lm	59.1 W
R47MM.DM.840.xx.18	4000K - Ra80	2564 mm	-	9900 lm	55.8 W	5668 lm	62.6 W
R47MM.DM.840.xx.19	4000K - Ra80	2706 mm	-	10450 lm	58.9 W	5983 lm	66 W
R47MM.DM.840.xx.20	4000K - Ra80	2844 mm	-	11000 lm	62 W	6298 lm	69.5 W
R47MM.DM.840.xx.21	4000K - Ra80	2986 mm	-	11550 lm	65.1 W	6613 lm	73 W
R47MM.DM.840.xx.22	4000K - Ra80	3125 mm	-	12100 lm	68.2 W	6928 lm	76.5 W
R47MM.DM.840.xx.23	4000K - Ra80	3267 mm	-	12650 lm	71.3 W	7243 lm	79.9 W
R47MM.DM.840.xx.24	4000K - Ra80	3405 mm	-	13200 lm	74.4 W	7558 lm	83.4 W
R47MM.DM.840.xx.25	4000K - Ra80	3548 mm	1701 + 1843 mm	13750 lm	77.5 W	7873 lm	86.9 W
R47MM.DM.840.xx.26	4000K - Ra80	3687 mm	1701 + 1982 mm	14300 lm	80.6 W	8188 lm	90.4 W
R47MM.DM.840.xx.27	4000K - Ra80	3829 mm	1843 + 1982 mm	14850 lm	83.7 W	8502 lm	93.8 W
R47MM.DM.840.xx.28	4000K - Ra80	3968 mm	1982 + 1982 mm	15400 lm	86.8 W	8817 lm	97.3 W
R47MM.DM.840.xx.29	4000K - Ra80	4110 mm	1982 + 2125 mm	15950 lm	89.9 W	9132 lm	100.8 W
R47MM.DM.840.xx.30	4000K - Ra80	4248 mm	1982 + 2262 mm	16500 lm	93 W	9447 lm	104.3 W
R47MM.DM.840.xx.31	4000K - Ra80	4390 mm	2125 + 2262 mm	17050 lm	96.1 W	9762 lm	107.7 W
R47MM.DM.840.xx.32	4000K - Ra80	4528 mm	2262 + 2262 mm	17600 lm	99.2 W	10077 lm	111.2 W
R47MM.DM.840.xx.33	4000K - Ra80	4670 mm	2262 + 2405 mm	18150 lm	102.3 W	10392 lm	114.7 W
R47MM.DM.840.xx.34	4000K - Ra80	4810 mm	2262 + 2544 mm	18700 lm	105.4 W	10707 lm	118.2 W
R47MM.DM.840.xx.35	4000K - Ra80	4952 mm	2405 + 2544 mm	19250 lm	108.5 W	11022 lm	121.6 W
R47MM.DM.840.xx.36	4000K - Ra80	5091 mm	2544 + 2544 mm	19800 lm	111.6 W	11337 lm	125.1 W
R47MM.DM.840.xx.37	4000K - Ra80	5233 mm	2544 + 2686 mm	20350 lm	114.7 W	11652 lm	128.6 W
R47MM.DM.840.xx.38	4000K - Ra80	5371 mm	2544 + 2824 mm	20900 lm	117.8 W	11966 lm	132.1 W
R47MM.DM.840.xx.39	4000K - Ra80	5513 mm	2544 + 2966 mm	21450 lm	120.9 W	12281 lm	135.5 W
R47MM.DM.840.xx.40	4000K - Ra80	5653 mm	2544 + 3105 mm	22000 lm	124 W	12596 lm	139 W
R47MM.DM.840.xx.41	4000K - Ra80	5795 mm	2544 + 3248 mm	22550 lm	127.1 W	12911 lm	142.5 W
R47MM.DM.840.xx.42	4000K - Ra80	5933 mm	2824 + 3105 mm	23100 lm	130.2 W	13226 lm	146 W
R47MM.DM.840.xx.43	4000K - Ra80	6075 mm	2966 + 3105 mm	23650 lm	133.3 W	13541 lm	149.4 W
R47MM.DM.840.xx.44	4000K - Ra80	6214 mm	3105 + 3105 mm	24200 lm	136.4 W	13856 lm	152.9 W
R47MM.DM.840.xx.45	4000K - Ra80	6356 mm	3105 + 3248 mm	24750 lm	139.5 W	14171 lm	156.4 W
R47MM.DM.840.xx.46	4000K - Ra80	6494 mm	3105 + 3385 mm	25300 lm	142.6 W	14486 lm	159.9 W
R47MM.DM.840.xx.47	4000K - Ra80	6636 mm	3248 + 3385 mm	25850 lm	145.7 W	14801 lm	163.3 W
R47MM.DM.840.xx.48	4000K - Ra80	6774 mm	3385 + 3385 mm	26400 lm	148.8 W	15116 lm	166.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	86lm/W
Efficacy 4000K - Ra80	177.4lm/W	90.6lm/W
Efficacy 2700K - Ra90	131.8lm/W	67.3lm/W
Efficacy 3000K - Ra90	134lm/W	68.4lm/W
Efficacy 4000K - Ra90	141.1lm/W	72lm/W
Color consistency	SDCM 3	
Photobiological safety	Risk Group 1	
Power factor	0.9	

Lumen Maintenance

L70	B50	>70000 hrs
	B20	>70000 hrs
	B10	>70000 hrs
L80	B50	>70000 hrs
	B20	65000 hrs
	B10	60000 hrs
L90	B50	35000 hrs
	B20	35000 hrs
	B10	30000 hrs

* Depending on the finish a luminous flux decrease up to 18% is possible relative to the luminous flux when opting for standard matt white texture powdercoated profiles.

** The max. length of a single piece of profile is 3405mm. Ready to go-profiles with a length higher than 3405mm consist of 2 individual piece connected with a 180° mechanical connector. Total length is the length with end caps included, individual lengths are lengths with the end cap excluded.

LEDliner47 Down - Ready To Go - 2700K Ra90

Article nr.	CCT - CRI	Length Total**	Lengths Individual**	Lum. Flux LED Module*	Power LED Module	Lum. Flux Luminaire*	Power Luminaire
R47MM.DM.927.xx.06	2700K - Ra90	879 mm	-	3084 lm	23.4 W	1766 lm	26.2 W
R47MM.DM.927.xx.08	2700K - Ra90	1159 mm	-	4112 lm	31.2 W	2354 lm	35 W
R47MM.DM.927.xx.10	2700K - Ra90	1441 mm	-	5140 lm	39 W	2943 lm	43.7 W
R47MM.DM.927.xx.12	2700K - Ra90	1721 mm	-	6168 lm	46.8 W	3532 lm	52.5 W
R47MM.DM.927.xx.14	2700K - Ra90	2002 mm	-	7196 lm	54.6 W	4120 lm	61.2 W
R47MM.DM.927.xx.16	2700K - Ra90	2282 mm	-	8224 lm	62.4 W	4709 lm	69.9 W
R47MM.DM.927.xx.18	2700K - Ra90	2564 mm	-	9252 lm	70.2 W	5297 lm	78.7 W
R47MM.DM.927.xx.20	2700K - Ra90	2844 mm	-	10280 lm	78 W	5886 lm	87.4 W
R47MM.DM.927.xx.22	2700K - Ra90	3125 mm	-	11308 lm	85.8 W	6474 lm	96.2 W
R47MM.DM.927.xx.24	2700K - Ra90	3405 mm	-	12336 lm	93.6 W	7063 lm	104.9 W
R47MM.DM.927.xx.26	2700K - Ra90	3687 mm	1701 + 1982 mm	13364 lm	101.4 W	7652 lm	113.7 W
R47MM.DM.927.xx.28	2700K - Ra90	3968 mm	1982 + 1982 mm	14392 lm	109.2 W	8240 lm	122.4 W
R47MM.DM.927.xx.30	2700K - Ra90	4248 mm	1982 + 2262 mm	15420 lm	117 W	8829 lm	131.2 W
R47MM.DM.927.xx.32	2700K - Ra90	4528 mm	2262 + 2262 mm	16448 lm	124.8 W	9417 lm	139.9 W
R47MM.DM.927.xx.34	2700K - Ra90	4810 mm	2262 + 2544 mm	17476 lm	132.6 W	10006 lm	148.6 W
R47MM.DM.927.xx.36	2700K - Ra90	5091 mm	2544 + 2544 mm	18504 lm	140.4 W	10595 lm	157.4 W
R47MM.DM.927.xx.38	2700K - Ra90	5371 mm	2544 + 2824 mm	19532 lm	148.2 W	11183 lm	166.1 W
R47MM.DM.927.xx.40	2700K - Ra90	5653 mm	2544 + 3105 mm	20560 lm	156 W	11772 lm	174.9 W
R47MM.DM.927.xx.42	2700K - Ra90	5933 mm	2824 + 3105 mm	21588 lm	163.8 W	12360 lm	183.6 W
R47MM.DM.927.xx.44	2700K - Ra90	6214 mm	3105 + 3105 mm	22616 lm	171.6 W	12949 lm	192.4 W
R47MM.DM.927.xx.46	2700K - Ra90	6494 mm	3105 + 3385 mm	23644 lm	179.4 W	13538 lm	201.1 W
R47MM.DM.927.xx.48	2700K - Ra90	6774 mm	3385 + 3385 mm	24672 lm	187.2 W	14126 lm	209.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	86lm/W
Efficacy 4000K - Ra80	177.4lm/W	90.6lm/W
Efficacy 2700K - Ra90	131.8lm/W	67.3lm/W
Efficacy 3000K - Ra90	134lm/W	68.4lm/W
Efficacy 4000K - Ra90	141.1lm/W	72lm/W

Color consistency	SDCM 3
Photobiological safety	Risk Group 1
Power factor	0.9

Lumen Maintenance

L70	B50	>70000 hrs
	B20	>70000 hrs
	B10	>70000 hrs
L80	B50	>70000 hrs
	B20	65000 hrs
	B10	60000 hrs
L90	B50	35000 hrs
	B20	35000 hrs
	B10	30000 hrs

* Depending on the finish a luminous flux decrease up to 18% is possible relative to the luminous flux when opting for standard matt white texture powdercoated profiles.

** The max. length of a single piece of profile is 3405mm. Ready to go-profiles with a length higher than 3405mm consist of 2 individual piece connected with a 180° mechanical connector
Total length is the length with end caps included, individual lengths are lengths with the end cap excluded.

LEDliner47 Down - Ready To Go - 3000K Ra90

Article nr.	CCT - CRI	Length Total**	Lengths Individual**	Lum. Flux LED Module*	Power LED Module	Lum. Flux Luminaire*	Power Luminaire
R47MM.DM.930.xx.06	3000K - Ra90	879 mm	-	3132 lm	23.4 W	1795 lm	26.2 W
R47MM.DM.930.xx.07	3000K - Ra90	1021 mm	-	3654 lm	27.3 W	2094 lm	30.6 W
R47MM.DM.930.xx.08	3000K - Ra90	1159 mm	-	4176 lm	31.2 W	2393 lm	35 W
R47MM.DM.930.xx.09	3000K - Ra90	1301 mm	-	4698 lm	35.1 W	2692 lm	39.3 W
R47MM.DM.930.xx.10	3000K - Ra90	1441 mm	-	5220 lm	39 W	2992 lm	43.7
R47MM.DM.930.xx.11	3000K - Ra90	1583 mm	-	5742 lm	42.9 W	3291 lm	48.1 W
R47MM.DM.930.xx.12	3000K - Ra90	1721 mm	-	6264 lm	46.8 W	3590 lm	52.5 W
R47MM.DM.930.xx.13	3000K - Ra90	1863 mm	-	6786 lm	50.7 W	3889 lm	56.8 W
R47MM.DM.930.xx.14	3000K - Ra90	2002 mm	-	7308 lm	54.6 W	4188 lm	61.2 W
R47MM.DM.930.xx.15	3000K - Ra90	2144 mm	-	7830 lm	58.5 W	4487 lm	65.6 W
R47MM.DM.930.xx.16	3000K - Ra90	2282 mm	-	8352 lm	62.4 W	4787 lm	69.9 W
R47MM.DM.930.xx.17	3000K - Ra90	2424 mm	-	8874 lm	66.3 W	5086 lm	74.3 W
R47MM.DM.930.xx.18	3000K - Ra90	2564 mm	-	9396 lm	70.2 W	5385 lm	78.7 W
R47MM.DM.930.xx.19	3000K - Ra90	2706 mm	-	9918 lm	74.1 W	5684 lm	83.1 W
R47MM.DM.930.xx.20	3000K - Ra90	2844 mm	-	10440 lm	78 W	5983 lm	87.4 W
R47MM.DM.930.xx.21	3000K - Ra90	2986 mm	-	10962 lm	81.9 W	6282 lm	91.8 W
R47MM.DM.930.xx.22	3000K - Ra90	3125 mm	-	11484 lm	85.8 W	6582 lm	96.2 W
R47MM.DM.930.xx.23	3000K - Ra90	3267 mm	-	12006 lm	89.7 W	6881 lm	100.6 W
R47MM.DM.930.xx.24	3000K - Ra90	3405 mm	-	12528 lm	93.6 W	7180 lm	104.9 W
R47MM.DM.930.xx.25	3000K - Ra90	3548 mm	1701 + 1843 mm	13050 lm	97.5 W	7479 lm	109.3 W
R47MM.DM.930.xx.26	3000K - Ra90	3687 mm	1701 + 1982 mm	13572 lm	101.4 W	7778 lm	113.7 W
R47MM.DM.930.xx.27	3000K - Ra90	3829 mm	1843 + 1982 mm	14094 lm	105.3 W	8077 lm	118 W
R47MM.DM.930.xx.28	3000K - Ra90	3968 mm	1982 + 1982 mm	14616 lm	109.2 W	8377 lm	122.4 W
R47MM.DM.930.xx.29	3000K - Ra90	4110 mm	1982 + 2125 mm	15138 lm	113.1 W	8676 lm	126.8 W
R47MM.DM.930.xx.30	3000K - Ra90	4248 mm	1982 + 2262 mm	15660 lm	117 W	8975 lm	131.2 W
R47MM.DM.930.xx.31	3000K - Ra90	4390 mm	2125 + 2262 mm	16182 lm	120.9 W	9274 lm	135.5 W
R47MM.DM.930.xx.32	3000K - Ra90	4528 mm	2262 + 2262 mm	16704 lm	124.8 W	9573 lm	139.9 W
R47MM.DM.930.xx.33	3000K - Ra90	4670 mm	2262 + 2405 mm	17226 lm	128.7 W	9872 lm	144.3 W
R47MM.DM.930.xx.34	3000K - Ra90	4810 mm	2262 + 2544 mm	17748 lm	132.6 W	10171 lm	148.6 W
R47MM.DM.930.xx.35	3000K - Ra90	4952 mm	2405 + 2544 mm	18270 lm	136.5 W	10471 lm	153 W
R47MM.DM.930.xx.36	3000K - Ra90	5091 mm	2544 + 2544 mm	18792 lm	140.4 W	10770 lm	157.4 W
R47MM.DM.930.xx.37	3000K - Ra90	5233 mm	2544 + 2686 mm	19314 lm	144.3 W	11069 lm	161.8 W
R47MM.DM.930.xx.38	3000K - Ra90	5371 mm	2544 + 2824 mm	19836 lm	148.2 W	11368 lm	166.1 W
R47MM.DM.930.xx.39	3000K - Ra90	5513 mm	2544 + 2966 mm	20358 lm	152.1 W	11667 lm	170.5 W
R47MM.DM.930.xx.40	3000K - Ra90	5653 mm	2544 + 3105 mm	20880 lm	156 W	11966 lm	174.9 W
R47MM.DM.930.xx.41	3000K - Ra90	5795 mm	2544 + 3248 mm	21402 lm	159.9 W	12266 lm	179.2 W
R47MM.DM.930.xx.42	3000K - Ra90	5933 mm	2824 + 3105 mm	21924 lm	163.8 W	12565 lm	183.6 W
R47MM.DM.930.xx.43	3000K - Ra90	6075 mm	2966 + 3105 mm	22446 lm	167.7 W	12864 lm	188 W
R47MM.DM.930.xx.44	3000K - Ra90	6214 mm	3105 + 3105 mm	22968 lm	171.6 W	13163 lm	192.4 W
R47MM.DM.930.xx.45	3000K - Ra90	6356 mm	3105 + 3248 mm	23490 lm	175.5 W	13462 lm	196.7 W
R47MM.DM.930.xx.46	3000K - Ra90	6494 mm	3105 + 3385 mm	24012 lm	179.4 W	13761 lm	201.1 W
R47MM.DM.930.xx.47	3000K - Ra90	6636 mm	3248 + 3385 mm	24534 lm	183.3 W	14061 lm	205.5 W
R47MM.DM.930.xx.48	3000K - Ra90	6774 mm	3385 + 3385 mm	25056 lm	187.2 W	14360 lm	209.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	86lm/W
Efficacy 4000K - Ra80	177.4lm/W	90.6lm/W
Efficacy 2700K - Ra90	131.8lm/W	67.3lm/W
Efficacy 3000K - Ra90	134lm/W	68.4lm/W
Efficacy 4000K - Ra90	141.1lm/W	72lm/W
Color consistency	SDCM 3	
Photobiological safety	Risk Group 1	
Power factor	0.9	

Lumen Maintenance

L70	B50	>70000 hrs
	B20	>70000 hrs
	B10	>70000 hrs
L80	B50	>70000 hrs
	B20	65000 hrs
	B10	60000 hrs
L90	B50	35000 hrs
	B20	35000 hrs
	B10	30000 hrs

* Depending on the finish a luminous flux decrease up to 18% is possible relative to the luminous flux when opting for standard matt white texture powdercoated profiles.

** The max. length of a single piece of profile is 3405mm. Ready to go-profiles with a length higher than 3405mm consist of 2 individual piece connected with a 180° mechanical connector. Total length is the length with end caps included, individual lengths are lengths with the end cap excluded.

LEDliner47 Down - Ready To Go - 4000K Ra90

Article nr.	CCT - CRI	Length Total**	Lengths Individual**	Lum. Flux LED Module*	Power LED Module	Lum. Flux Luminaire*	Power Luminaire
R47MM.DM.940.xx.06	4000K - Ra90	879 mm	-	3300 lm	23.4 W	1889 lm	26.2 W
R47MM.DM.940.xx.07	4000K - Ra90	1021 mm	-	3850 lm	27.3 W	2204 lm	30.6 W
R47MM.DM.940.xx.08	4000K - Ra90	1159 mm	-	4400 lm	31.2 W	2519 lm	35 W
R47MM.DM.940.xx.09	4000K - Ra90	1301 mm	-	4950 lm	35.1 W	2834 lm	39.3 W
R47MM.DM.940.xx.10	4000K - Ra90	1441 mm	-	5500 lm	39 W	3149 lm	43.7 W
R47MM.DM.940.xx.11	4000K - Ra90	1583 mm	-	6050 lm	42.9 W	3464 lm	48.1 W
R47MM.DM.940.xx.12	4000K - Ra90	1721 mm	-	6600 lm	46.8 W	3779 lm	52.5 W
R47MM.DM.940.xx.13	4000K - Ra90	1863 mm	-	7150 lm	50.7 W	4094 lm	56.8 W
R47MM.DM.940.xx.14	4000K - Ra90	2002 mm	-	7700 lm	54.6 W	4409 lm	61.2 W
R47MM.DM.940.xx.15	4000K - Ra90	2144 mm	-	8250 lm	58.5 W	4724 lm	65.6 W
R47MM.DM.940.xx.16	4000K - Ra90	2282 mm	-	8800 lm	62.4 W	5039 lm	69.9 W
R47MM.DM.940.xx.17	4000K - Ra90	2424 mm	-	9350 lm	66.3 W	5353 lm	74.3 W
R47MM.DM.940.xx.18	4000K - Ra90	2564 mm	-	9900 lm	70.2 W	5668 lm	78.7 W
R47MM.DM.940.xx.19	4000K - Ra90	2706 mm	-	10450 lm	74.1 W	5983 lm	83.1 W
R47MM.DM.940.xx.20	4000K - Ra90	2844 mm	-	11000 lm	78 W	6298 lm	87.4 W
R47MM.DM.940.xx.21	4000K - Ra90	2986 mm	-	11550 lm	81.9 W	6613 lm	91.8 W
R47MM.DM.940.xx.22	4000K - Ra90	3125 mm	-	12100 lm	85.8 W	6928 lm	96.2 W
R47MM.DM.940.xx.23	4000K - Ra90	3267 mm	-	12650 lm	89.7 W	7243 lm	100.6 W
R47MM.DM.940.xx.24	4000K - Ra90	3405 mm	-	13200 lm	93.6 W	7558 lm	104.9 W
R47MM.DM.940.xx.25	4000K - Ra90	3548 mm	1701 + 1843 mm	13750 lm	97.5 W	7873 lm	109.3 W
R47MM.DM.940.xx.26	4000K - Ra90	3687 mm	1701 + 1982 mm	14300 lm	101.4 W	8188 lm	113.7 W
R47MM.DM.940.xx.27	4000K - Ra90	3829 mm	1843 + 1982 mm	14850 lm	105.3 W	8502 lm	118 W
R47MM.DM.940.xx.28	4000K - Ra90	3968 mm	1982 + 1982 mm	15400 lm	109.2 W	8817 lm	122.4 W
R47MM.DM.940.xx.29	4000K - Ra90	4110 mm	1982 + 2125 mm	15950 lm	113.1 W	9132 lm	126.8 W
R47MM.DM.940.xx.30	4000K - Ra90	4248 mm	1982 + 2262 mm	16500 lm	117 W	9447 lm	131.2 W
R47MM.DM.940.xx.31	4000K - Ra90	4390 mm	2125 + 2262 mm	17050 lm	120.9 W	9762 lm	135.5 W
R47MM.DM.940.xx.32	4000K - Ra90	4528 mm	2262 + 2262 mm	17600 lm	124.8 W	10077 lm	139.9 W
R47MM.DM.940.xx.33	4000K - Ra90	4670 mm	2262 + 2405 mm	18150 lm	128.7 W	10392 lm	144.3 W
R47MM.DM.940.xx.34	4000K - Ra90	4810 mm	2262 + 2544 mm	18700 lm	132.6 W	10707 lm	148.6 W
R47MM.DM.940.xx.35	4000K - Ra90	4952 mm	2405 + 2544 mm	19250 lm	136.5 W	11022 lm	153 W
R47MM.DM.940.xx.36	4000K - Ra90	5091 mm	2544 + 2544 mm	19800 lm	140.4 W	11337 lm	157.4 W
R47MM.DM.940.xx.37	4000K - Ra90	5233 mm	2544 + 2686 mm	20350 lm	144.3 W	11652 lm	161.8 W
R47MM.DM.940.xx.38	4000K - Ra90	5371 mm	2544 + 2824 mm	20900 lm	148.2 W	11966 lm	166.1 W
R47MM.DM.940.xx.39	4000K - Ra90	5513 mm	2544 + 2966 mm	21450 lm	152.1 W	12281 lm	170.5 W
R47MM.DM.940.xx.40	4000K - Ra90	5653 mm	2544 + 3105 mm	22000 lm	156 W	12596 lm	174.9 W
R47MM.DM.940.xx.41	4000K - Ra90	5795 mm	2544 + 3248 mm	22550 lm	159.9 W	12911 lm	179.2 W
R47MM.DM.940.xx.42	4000K - Ra90	5933 mm	2824 + 3105 mm	23100 lm	163.8 W	13226 lm	183.6 W
R47MM.DM.940.xx.43	4000K - Ra90	6075 mm	2966 + 3105 mm	23650 lm	167.7 W	13541 lm	188 W
R47MM.DM.940.xx.44	4000K - Ra90	6214 mm	3105 + 3105 mm	24200 lm	171.6 W	13856 lm	192.4 W
R47MM.DM.940.xx.45	4000K - Ra90	6356 mm	3105 + 3248 mm	24750 lm	175.5 W	14171 lm	196.7 W
R47MM.DM.940.xx.46	4000K - Ra90	6494 mm	3105 + 3385 mm	25300 lm	179.4 W	14486 lm	201.1 W
R47MM.DM.940.xx.47	4000K - Ra90	6636 mm	3248 + 3385 mm	25850 lm	183.3 W	14801 lm	205.5 W
R47MM.DM.940.xx.48	4000K - Ra90	6774 mm	3385 + 3385 mm	26400 lm	187.2 W	15116 lm	209.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	86lm/W
Efficacy 4000K - Ra80	177.4lm/W	90.6lm/W
Efficacy 2700K - Ra90	131.8lm/W	67.3lm/W
Efficacy 3000K - Ra90	134lm/W	68.4lm/W
Efficacy 4000K - Ra90	141.1lm/W	72lm/W
Color consistency	SDCM 3	
Photobiological safety	Risk Group 1	
Power factor	0.9	

Lumen Maintenance

L70	B50	>70000 hrs
	B20	>70000 hrs
	B10	>70000 hrs
L80	B50	>70000 hrs
	B20	65000 hrs
	B10	60000 hrs
L90	B50	35000 hrs
	B20	35000 hrs
	B10	30000 hrs

* Depending on the finish a luminous flux decrease up to 18% is possible relative to the luminous flux when opting for standard matt white texture powdercoated profiles.

** The max. length of a single piece of profile is 3405mm. Ready to go-profiles with a length higher than 3405mm consist of 2 individual piece connected with a 180° mechanical connector. Total length is the length with end caps included, individual lengths are lengths with the end cap excluded.

Article number composition

MM = Mounting method

S1: Up&Down - Suspended 1 circuit
S2: Up&Down - Suspended 2 circuits
W1: Up&Down - Wall Mounted 1 circuit
W2: Up&Down - Wall Mounted 2 circuits

R47 = Ready To Go LEDliner47

R47MM.DM.CCC.xx-00

DM = Dim method

24: Non dimmable
25: 1-10V dimmable
26: Touch & DALI dim.

CCC = CRI + CCT

830: Ra80 - 3000K
840: Ra80 - 4000K
927: Ra90 - 2700K (Only available in limited lengths)
930: Ra90 - 3000K
940: Ra90 - 4000K

Available colors

xx = Color Code
R4700.00.000.01.00
R4700.00.000.03.00
R4700.00.000.18.00
R4700.00.000.07.00
Other colors on request.

Size (Doxis reference)

LEDliner47 Up&Down - Ready To Go - 3000K Ra80

Article nr.	CCT - CRI	Length Total**	Lengths Individual**	Lum. Flux LED Module*	Power LED Module	Lum. Flux Luminaire*	Power Luminaire
R47MM.DM.830.xx.06	3000K - Ra80	879 mm	-	2x 3132 lm	2x 18.6 W	Down:1793lm - Up:1997lm	2x 20.9 W
R47MM.DM.830.xx.07	3000K - Ra80	1021 mm	-	2x 3654 lm	2x 21.7 W	Down:2092lm - Up:2330lm	2x 24.3 W
R47MM.DM.830.xx.08	3000K - Ra80	1159 mm	-	2x 4176 lm	2x 24.8 W	Down:2391lm - Up:2663lm	2x 27.8 W
R47MM.DM.830.xx.09	3000K - Ra80	1301 mm	-	2x 4698 lm	2x 27.9 W	Down:2690lm - Up:2996lm	2x 31.3 W
R47MM.DM.830.xx.10	3000K - Ra80	1441 mm	-	2x 5220 lm	2x 31 W	Down:2989lm - Up:3329lm	2x 34.8 W
R47MM.DM.830.xx.11	3000K - Ra80	1583 mm	-	2x 5742 lm	2x 34.1 W	Down:3288lm - Up:3662lm	2x 38.2 W
R47MM.DM.830.xx.12	3000K - Ra80	1721 mm	-	2x 6264 lm	2x 37.2 W	Down:3587lm - Up:3995lm	2x 41.7 W
R47MM.DM.830.xx.13	3000K - Ra80	1863 mm	-	2x 6786 lm	2x 40.3 W	Down:3885lm - Up:4327lm	2x 45.2 W
R47MM.DM.830.xx.14	3000K - Ra80	2002 mm	-	2x 7308 lm	2x 43.4 W	Down:4184lm - Up:4660lm	2x 48.7 W
R47MM.DM.830.xx.15	3000K - Ra80	2144 mm	-	2x 7830 lm	2x 46.5 W	Down:4483lm - Up:4993lm	2x 52.1 W
R47MM.DM.830.xx.16	3000K - Ra80	2282 mm	-	2x 8352 lm	2x 49.6 W	Down:4782lm - Up:5326lm	2x 55.6 W
R47MM.DM.830.xx.17	3000K - Ra80	2424 mm	-	2x 8874 lm	2x 52.7 W	Down:5081lm - Up:5659lm	2x 59.1 W
R47MM.DM.830.xx.18	3000K - Ra80	2564 mm	-	2x 9396 lm	2x 55.8 W	Down:5380lm - Up:5992lm	2x 62.6 W
R47MM.DM.830.xx.19	3000K - Ra80	2706 mm	-	2x 9918 lm	2x 58.9 W	Down:5679lm - Up:6325lm	2x 66 W
R47MM.DM.830.xx.20	3000K - Ra80	2844 mm	-	2x 10440 lm	2x 62 W	Down:5978lm - Up:6658lm	2x 69.5 W
R47MM.DM.830.xx.21	3000K - Ra80	2986 mm	-	2x 10962 lm	2x 65.1 W	Down:6276lm - Up:6990lm	2x 73 W
R47MM.DM.830.xx.22	3000K - Ra80	3125 mm	-	2x 11484 lm	2x 68.2 W	Down:6575lm - Up:7323lm	2x 76.5 W
R47MM.DM.830.xx.23	3000K - Ra80	3267 mm	-	2x 12006 lm	2x 71.3 W	Down:6874lm - Up:7656lm	2x 79.9 W
R47MM.DM.830.xx.24	3000K - Ra80	3405 mm	-	2x 12528 lm	2x 74.4 W	Down:7173lm - Up:7989lm	2x 83.4 W
R47MM.DM.830.xx.25	3000K - Ra80	3548 mm	1701 + 1843 mm	2x 13050 lm	2x 77.5 W	Down:7472lm - Up:8322lm	2x 86.9 W
R47MM.DM.830.xx.26	3000K - Ra80	3687 mm	1701 + 1982 mm	2x 13572 lm	2x 80.6 W	Down:7771lm - Up:8655lm	2x 90.4 W
R47MM.DM.830.xx.27	3000K - Ra80	3829 mm	1843 + 1982 mm	2x 14094 lm	2x 83.7 W	Down:8070lm - Up:8988lm	2x 93.8 W
R47MM.DM.830.xx.28	3000K - Ra80	3968 mm	1982 + 1982 mm	2x 14616 lm	2x 86.8 W	Down:8369lm - Up:9321lm	2x 97.3 W
R47MM.DM.830.xx.29	3000K - Ra80	4110 mm	1982 + 2125 mm	2x 15138 lm	2x 89.9 W	Down:8667lm - Up:9653lm	2x 100.8 W
R47MM.DM.830.xx.30	3000K - Ra80	4248 mm	1982 + 2262 mm	2x 15660 lm	2x 93 W	Down:8966lm - Up:9986lm	2x 104.3 W
R47MM.DM.830.xx.31	3000K - Ra80	4390 mm	2125 + 2262 mm	2x 16182 lm	2x 96.1 W	Down:9265lm - Up:10319lm	2x 107.7 W
R47MM.DM.830.xx.32	3000K - Ra80	4528 mm	2262 + 2262 mm	2x 16704 lm	2x 99.2 W	Down:9564lm - Up:10652lm	2x 111.2 W
R47MM.DM.830.xx.33	3000K - Ra80	4670 mm	2262 + 2405 mm	2x 17226 lm	2x 102.3 W	Down:9863lm - Up:10985lm	2x 114.7 W
R47MM.DM.830.xx.34	3000K - Ra80	4810 mm	2262 + 2544 mm	2x 17748 lm	2x 105.4 W	Down:10162lm - Up:11318lm	2x 118.2 W
R47MM.DM.830.xx.35	3000K - Ra80	4952 mm	2405 + 2544 mm	2x 18270 lm	2x 108.5 W	Down:10461lm - Up:11651lm	2x 121.6 W
R47MM.DM.830.xx.36	3000K - Ra80	5091 mm	2544 + 2544 mm	2x 18792 lm	2x 111.6 W	Down:10760lm - Up:11984lm	2x 125.1 W
R47MM.DM.830.xx.37	3000K - Ra80	5233 mm	2544 + 2686 mm	2x 19314 lm	2x 114.7 W	Down:11058lm - Up:12316lm	2x 128.6 W
R47MM.DM.830.xx.38	3000K - Ra80	5371 mm	2544 + 2824 mm	2x 19836 lm	2x 117.8 W	Down:11357lm - Up:12649lm	2x 132.1 W
R47MM.DM.830.xx.39	3000K - Ra80	5513 mm	2544 + 2966 mm	2x 20358 lm	2x 120.9 W	Down:11656lm - Up:12982lm	2x 135.5 W
R47MM.DM.830.xx.40	3000K - Ra80	5653 mm	2544 + 3105 mm	2x 20880 lm	2x 124 W	Down:11955lm - Up:13315lm	2x 139 W
R47MM.DM.830.xx.41	3000K - Ra80	5795 mm	2544 + 3248 mm	2x 21402 lm	2x 127.1 W	Down:12254lm - Up:13648lm	2x 142.5 W
R47MM.DM.830.xx.42	3000K - Ra80	5933 mm	2824 + 3105 mm	2x 21924 lm	2x 130.2 W	Down:12553lm - Up:13981lm	2x 146 W
R47MM.DM.830.xx.43	3000K - Ra80	6075 mm	2966 + 3105 mm	2x 22446 lm	2x 133.3 W	Down:12852lm - Up:14314lm	2x 149.4 W
R47MM.DM.830.xx.44	3000K - Ra80	6214 mm	3105 + 3105 mm	2x 22968 lm	2x 136.4 W	Down:13151lm - Up:14647lm	2x 152.9 W
R47MM.DM.830.xx.45	3000K - Ra80	6356 mm	3105 + 3248 mm	2x 23490 lm	2x 139.5 W	Down:13449lm - Up:14979lm	2x 156.4 W
R47MM.DM.830.xx.46	3000K - Ra80	6494 mm	3105 + 3385 mm	2x 24012 lm	2x 142.6 W	Down:13748lm - Up:15312lm	2x 159.9 W
R47MM.DM.830.xx.47	3000K - Ra80	6636 mm	3248 + 3385 mm	2x 24534 lm	2x 145.7 W	Down:14047lm - Up:15645lm	2x 163.3 W
R47MM.DM.830.xx.48	3000K - Ra80	6774 mm	3385 + 3385 mm	2x 25056 lm	2x 148.8 W	Down:14346lm - Up:15978lm	2x 166.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	90.9lm/W
Efficacy 4000K - Ra80	177.4lm/W	95.8lm/W
Efficacy 2700K - Ra90	131.8lm/W	71.1lm/W
Efficacy 3000K - Ra90	134lm/W	72.3lm/W
Efficacy 4000K - Ra90	141.1lm/W	76.1lm/W
Color consistency	SDCM 3	
Photobiological safety	Risk Group 1	
Power factor	0.9	

Lumen Maintenance

L70	B50	>70000 hrs
	B20	>70000 hrs
	B10	>70000 hrs
L80	B50	>70000 hrs
	B20	65000 hrs
	B10	60000 hrs
L90	B50	35000 hrs
	B20	35000 hrs
	B10	30000 hrs

* Depending on the finish a luminous flux decrease up to 18% is possible relative to the luminous flux when opting for standard matt white texture powdercoated profiles.

** The max. length of a single piece of profile is 3405mm. Ready to go-profiles with a length higher than 3405mm consist of 2 individual piece connected with a 180° mechanical connector
Total length is the length with end caps included, individual lengths are lengths with the end cap excluded.

LEDliner47 Up&Down - Ready To Go - 4000K Ra80

Article nr.	CCT - CRI	Length Total**	Lengths Individual**	Lum. Flux LED Module*	Power LED Module	Lum. Flux Luminaire*	Power Luminaire
R47MM.DM.840.xx.06	4000K - Ra80	879 mm	-	2x 3300 lm	2x 18.6 W	Down:1889lm - Up:2104lm	2x 20.9 W
R47MM.DM.840.xx.07	4000K - Ra80	1021 mm	-	2x 3850 lm	2x 21.7 W	Down:2204lm - Up:2455lm	2x 24.3 W
R47MM.DM.840.xx.08	4000K - Ra80	1159 mm	-	2x 4400 lm	2x 24.8 W	Down:2519lm - Up:2806lm	2x 27.8 W
R47MM.DM.840.xx.09	4000K - Ra80	1301 mm	-	2x 4950 lm	2x 27.9 W	Down:2834lm - Up:3157lm	2x 31.3 W
R47MM.DM.840.xx.10	4000K - Ra80	1441 mm	-	2x 5500 lm	2x 31 W	Down:3149lm - Up:3507lm	2x 34.8 W
R47MM.DM.840.xx.11	4000K - Ra80	1583 mm	-	2x 6050 lm	2x 34.1 W	Down:3464lm - Up:3858lm	2x 38.2 W
R47MM.DM.840.xx.12	4000K - Ra80	1721 mm	-	2x 6600 lm	2x 37.2 W	Down:3779lm - Up:4209lm	2x 41.7 W
R47MM.DM.840.xx.13	4000K - Ra80	1863 mm	-	2x 7150 lm	2x 40.3 W	Down:4094lm - Up:4559lm	2x 45.2 W
R47MM.DM.840.xx.14	4000K - Ra80	2002 mm	-	2x 7700 lm	2x 43.4 W	Down:4409lm - Up:4910lm	2x 48.7 W
R47MM.DM.840.xx.15	4000K - Ra80	2144 mm	-	2x 8250 lm	2x 46.5 W	Down:4724lm - Up:5261lm	2x 52.1 W
R47MM.DM.840.xx.16	4000K - Ra80	2282 mm	-	2x 8800 lm	2x 49.6 W	Down:5039lm - Up:5612lm	2x 55.6 W
R47MM.DM.840.xx.17	4000K - Ra80	2424 mm	-	2x 9350 lm	2x 52.7 W	Down:5353lm - Up:5962lm	2x 59.1 W
R47MM.DM.840.xx.18	4000K - Ra80	2564 mm	-	2x 9900 lm	2x 55.8 W	Down:5668lm - Up:6313lm	2x 62.6 W
R47MM.DM.840.xx.19	4000K - Ra80	2706 mm	-	2x 10450 lm	2x 58.9 W	Down:5983lm - Up:6664lm	2x 66 W
R47MM.DM.840.xx.20	4000K - Ra80	2844 mm	-	2x 11000 lm	2x 62 W	Down:6298lm - Up:7015lm	2x 69.5 W
R47MM.DM.840.xx.21	4000K - Ra80	2986 mm	-	2x 11550 lm	2x 65.1 W	Down:6613lm - Up:7365lm	2x 73 W
R47MM.DM.840.xx.22	4000K - Ra80	3125 mm	-	2x 12100 lm	2x 68.2 W	Down:6928lm - Up:7716lm	2x 76.5 W
R47MM.DM.840.xx.23	4000K - Ra80	3267 mm	-	2x 12650 lm	2x 71.3 W	Down:7243lm - Up:8067lm	2x 79.9 W
R47MM.DM.840.xx.24	4000K - Ra80	3405 mm	-	2x 13200 lm	2x 74.4 W	Down:7558lm - Up:8418lm	2x 83.4 W
R47MM.DM.840.xx.25	4000K - Ra80	3548 mm	1701 + 1843 mm	2x 13750 lm	2x 77.5 W	Down:7873lm - Up:8768lm	2x 86.9 W
R47MM.DM.840.xx.26	4000K - Ra80	3687 mm	1701 + 1982 mm	2x 14300 lm	2x 80.6 W	Down:8188lm - Up:9119lm	2x 90.4 W
R47MM.DM.840.xx.27	4000K - Ra80	3829 mm	1843 + 1982 mm	2x 14850 lm	2x 83.7 W	Down:8502lm - Up:9470lm	2x 93.8 W
R47MM.DM.840.xx.28	4000K - Ra80	3968 mm	1982 + 1982 mm	2x 15400 lm	2x 86.8 W	Down:8817lm - Up:9820lm	2x 97.3 W
R47MM.DM.840.xx.29	4000K - Ra80	4110 mm	1982 + 2125 mm	2x 15950 lm	2x 89.9 W	Down:9132lm - Up:10171lm	2x 100.8 W
R47MM.DM.840.xx.30	4000K - Ra80	4248 mm	1982 + 2262 mm	2x 16500 lm	2x 93 W	Down:9447lm - Up:10522lm	2x 104.3 W
R47MM.DM.840.xx.31	4000K - Ra80	4390 mm	2125 + 2262 mm	2x 17050 lm	2x 96.1 W	Down:9762lm - Up:10873lm	2x 107.7 W
R47MM.DM.840.xx.32	4000K - Ra80	4528 mm	2262 + 2262 mm	2x 17600 lm	2x 99.2 W	Down:10077lm - Up:11223lm	2x 111.2 W
R47MM.DM.840.xx.33	4000K - Ra80	4670 mm	2262 + 2405 mm	2x 18150 lm	2x 102.3 W	Down:10392lm - Up:11574lm	2x 114.7 W
R47MM.DM.840.xx.34	4000K - Ra80	4810 mm	2262 + 2544 mm	2x 18700 lm	2x 105.4 W	Down:10707lm - Up:11925lm	2x 118.2 W
R47MM.DM.840.xx.35	4000K - Ra80	4952 mm	2405 + 2544 mm	2x 19250 lm	2x 108.5 W	Down:11022lm - Up:12276lm	2x 121.6 W
R47MM.DM.840.xx.36	4000K - Ra80	5091 mm	2544 + 2544 mm	2x 19800 lm	2x 111.6 W	Down:11337lm - Up:12626lm	2x 125.1 W
R47MM.DM.840.xx.37	4000K - Ra80	5233 mm	2544 + 2686 mm	2x 20350 lm	2x 114.7 W	Down:11652lm - Up:12977lm	2x 128.6 W
R47MM.DM.840.xx.38	4000K - Ra80	5371 mm	2544 + 2824 mm	2x 20900 lm	2x 117.8 W	Down:11966lm - Up:13328lm	2x 132.1 W
R47MM.DM.840.xx.39	4000K - Ra80	5513 mm	2544 + 2966 mm	2x 21450 lm	2x 120.9 W	Down:12281lm - Up:13678lm	2x 135.5 W
R47MM.DM.840.xx.40	4000K - Ra80	5653 mm	2544 + 3105 mm	2x 22000 lm	2x 124 W	Down:12596lm - Up:14029lm	2x 139 W
R47MM.DM.840.xx.41	4000K - Ra80	5795 mm	2544 + 3248 mm	2x 22550 lm	2x 127.1 W	Down:12911lm - Up:14380lm	2x 142.5 W
R47MM.DM.840.xx.42	4000K - Ra80	5933 mm	2824 + 3105 mm	2x 23100 lm	2x 130.2 W	Down:13226lm - Up:14731lm	2x 146 W
R47MM.DM.840.xx.43	4000K - Ra80	6075 mm	2966 + 3105 mm	2x 23650 lm	2x 133.3 W	Down:13541lm - Up:15081lm	2x 149.4 W
R47MM.DM.840.xx.44	4000K - Ra80	6214 mm	3105 + 3105 mm	2x 24200 lm	2x 136.4 W	Down:13856lm - Up:15432lm	2x 152.9 W
R47MM.DM.840.xx.45	4000K - Ra80	6356 mm	3105 + 3248 mm	2x 24750 lm	2x 139.5 W	Down:14171lm - Up:15783lm	2x 156.4 W
R47MM.DM.840.xx.46	4000K - Ra80	6494 mm	3105 + 3385 mm	2x 25300 lm	2x 142.6 W	Down:14486lm - Up:16134lm	2x 159.9 W
R47MM.DM.840.xx.47	4000K - Ra80	6636 mm	3248 + 3385 mm	2x 25850 lm	2x 145.7 W	Down:14801lm - Up:16484lm	2x 163.3 W
R47MM.DM.840.xx.48	4000K - Ra80	6774 mm	3385 + 3385 mm	2x 26400 lm	2x 148.8 W	Down:15116lm - Up:16835lm	2x 166.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	90.9lm/W
Efficacy 4000K - Ra80	177.4lm/W	95.8lm/W
Efficacy 2700K - Ra90	131.8lm/W	71.1lm/W
Efficacy 3000K - Ra90	134lm/W	72.3lm/W
Efficacy 4000K - Ra90	141.1lm/W	76.1lm/W
Color consistency	SDCM 3	
Photobiological safety	Risk Group 1	
Power factor	0.9	

Lumen Maintenance

L70	B50	>70000 hrs
	B20	>70000 hrs
	B10	>70000 hrs
L80	B50	>70000 hrs
	B20	65000 hrs
	B10	60000 hrs
L90	B50	35000 hrs
	B20	35000 hrs
	B10	30000 hrs

* Depending on the finish a luminous flux decrease up to 18% is possible relative to the luminous flux when opting for standard matt white texture powdercoated profiles.

** The max. length of a single piece of profile is 3405mm. Ready to go-profiles with a length higher than 3405mm consist of 2 individual piece connected with a 180° mechanical connector. Total length is the length with end caps included, individual lengths are lengths with the end cap excluded.

LEDliner47 Up&Down - Ready To Go - 2700K Ra90

Article nr.	CCT - CRI	Length Total**	Lengths Individual**	Lum. Flux LED Module*	Power LED Module	Lum. Flux Luminaire*	Power Luminaire
R47MM.DM.927.xx.06	2700K - Ra90	879 mm	-	2x 3084 lm	2x 23.4 W	Down:1766lm - Up:1967lm	2x 26.2 W
R47MM.DM.927.xx.08	2700K - Ra90	1159 mm	-	2x 4112 lm	2x 31.2 W	Down:2354lm - Up:2622lm	2x 35 W
R47MM.DM.927.xx.10	2700K - Ra90	1441 mm	-	2x 5140 lm	2x 39 W	Down:2943lm - Up:3278lm	2x 43.7 W
R47MM.DM.927.xx.12	2700K - Ra90	1721 mm	-	2x 6168 lm	2x 46.8 W	Down:3532lm - Up:3933lm	2x 52.5 W
R47MM.DM.927.xx.14	2700K - Ra90	2002 mm	-	2x 7196 lm	2x 54.6 W	Down:4120lm - Up:4589lm	2x 61.2 W
R47MM.DM.927.xx.16	2700K - Ra90	2282 mm	-	2x 8224 lm	2x 62.4 W	Down:4709lm - Up:5244lm	2x 69.9 W
R47MM.DM.927.xx.18	2700K - Ra90	2564 mm	-	2x 9252 lm	2x 70.2 W	Down:5297lm - Up:5900lm	2x 78.7 W
R47MM.DM.927.xx.20	2700K - Ra90	2844 mm	-	2x 10280 lm	2x 78 W	Down:5886lm - Up:6555lm	2x 87.4 W
R47MM.DM.927.xx.22	2700K - Ra90	3125 mm	-	2x 11308 lm	2x 85.8 W	Down:6474lm - Up:7211lm	2x 96.2 W
R47MM.DM.927.xx.24	2700K - Ra90	3405 mm	-	2x 12336 lm	2x 93.6 W	Down:7063lm - Up:7867lm	2x 104.9 W
R47MM.DM.927.xx.26	2700K - Ra90	3687 mm	1701 + 1982 mm	2x 13364 lm	2x 101.4 W	Down:7652lm - Up:8522lm	2x 113.7 W
R47MM.DM.927.xx.28	2700K - Ra90	3968 mm	1982 + 1982 mm	2x 14392 lm	2x 109.2 W	Down:8240lm - Up:9178lm	2x 122.4 W
R47MM.DM.927.xx.30	2700K - Ra90	4248 mm	1982 + 2262 mm	2x 15420 lm	2x 117 W	Down:8829lm - Up:9833lm	2x 131.2 W
R47MM.DM.927.xx.32	2700K - Ra90	4528 mm	2262 + 2262 mm	2x 16448 lm	2x 124.8 W	Down:9417lm - Up:10489lm	2x 139.9 W
R47MM.DM.927.xx.34	2700K - Ra90	4810 mm	2262 + 2544 mm	2x 17476 lm	2x 132.6 W	Down:10006lm - Up:11144lm	2x 148.6 W
R47MM.DM.927.xx.36	2700K - Ra90	5091 mm	2544 + 2544 mm	2x 18504 lm	2x 140.4 W	Down:10595lm - Up:11800lm	2x 157.4 W
R47MM.DM.927.xx.38	2700K - Ra90	5371 mm	2544 + 2824 mm	2x 19532 lm	2x 148.2 W	Down:11183lm - Up:12455lm	2x 166.1 W
R47MM.DM.927.xx.40	2700K - Ra90	5653 mm	2544 + 3105 mm	2x 20560 lm	2x 156 W	Down:11772lm - Up:13111lm	2x 174.9 W
R47MM.DM.927.xx.42	2700K - Ra90	5933 mm	2824 + 3105 mm	2x 21588 lm	2x 163.8 W	Down:12360lm - Up:13766lm	2x 183.6 W
R47MM.DM.927.xx.44	2700K - Ra90	6214 mm	3105 + 3105 mm	2x 22616 lm	2x 171.6 W	Down:12949lm - Up:14422lm	2x 192.4 W
R47MM.DM.927.xx.46	2700K - Ra90	6494 mm	3105 + 3385 mm	2x 23644 lm	2x 179.4 W	Down:13538lm - Up:15078lm	2x 201.1 W
R47MM.DM.927.xx.48	2700K - Ra90	6774 mm	3385 + 3385 mm	2x 24672 lm	2x 187.2 W	Down:14126lm - Up:15733lm	2x 209.8 W

General specs			Lumen Maintenance		
	LED Module	Luminaire	L70	B50	B20
Efficacy 3000K - Ra80	168.4lm/W	90.9lm/W			>70000 hrs
Efficacy 4000K - Ra80	177.4lm/W	95.8lm/W			>70000 hrs
Efficacy 2700K - Ra90	131.8lm/W	71.1lm/W			>70000 hrs
Efficacy 3000K - Ra90	134lm/W	72.3lm/W	L80	B50	65000 hrs
Efficacy 4000K - Ra90	141.1lm/W	76.1lm/W		B20	60000 hrs
				B10	60000 hrs
Color consistency	SDCM 3		L90	B50	35000 hrs
Photobiological safety	Risk Group 1			B20	35000 hrs
Power factor	0.9			B10	30000 hrs

* Depending on the finish a luminous flux decrease up to 18% is possible relative to the luminous flux when opting for standard matt white texture powdercoated profiles.

** The max. length of a single piece of profile is 3405mm. Ready to go-profiles with a length higher than 3405mm consist of 2 individual piece connected with a 180° mechanical connector
Total length is the length with end caps included, individual lengths are lengths with the end cap excluded.

LEDliner47 Up&Down - Ready To Go - 3000K Ra90

Article nr.	CCT - CRI	Length Total**	Lengths Individual**	Lum. Flux LED Module*	Power LED Module	Lum. Flux Luminaire*	Power Luminaire
R47MM.DM.930.xx.06	3000K - Ra90	879 mm	-	2x 3132 lm	2x 23.4 W	Down:1795lm - Up:1999lm	2x 26.2 W
R47MM.DM.930.xx.07	3000K - Ra90	1021 mm	-	2x 3654 lm	2x 27.3 W	Down:2094lm - Up:2332lm	2x 30.6 W
R47MM.DM.930.xx.08	3000K - Ra90	1159 mm	-	2x 4176 lm	2x 31.2 W	Down:2393lm - Up:2666lm	2x 35 W
R47MM.DM.930.xx.09	3000K - Ra90	1301 mm	-	2x 4698 lm	2x 35.1 W	Down:2692lm - Up:2999lm	2x 39.3 W
R47MM.DM.930.xx.10	3000K - Ra90	1441 mm	-	2x 5220 lm	2x 39 W	Down:2992lm - Up:3332lm	2x 43.7
R47MM.DM.930.xx.11	3000K - Ra90	1583 mm	-	2x 5742 lm	2x 42.9 W	Down:3291lm - Up:3665lm	2x 48.1 W
R47MM.DM.930.xx.12	3000K - Ra90	1721 mm	-	2x 6264 lm	2x 46.8 W	Down:3590lm - Up:3998lm	2x 52.5 W
R47MM.DM.930.xx.13	3000K - Ra90	1863 mm	-	2x 6786 lm	2x 50.7 W	Down:3889lm - Up:4332lm	2x 56.8 W
R47MM.DM.930.xx.14	3000K - Ra90	2002 mm	-	2x 7308 lm	2x 54.6 W	Down:4188lm - Up:4665lm	2x 61.2 W
R47MM.DM.930.xx.15	3000K - Ra90	2144 mm	-	2x 7830 lm	2x 58.5 W	Down:4487lm - Up:4998lm	2x 65.6 W
R47MM.DM.930.xx.16	3000K - Ra90	2282 mm	-	2x 8352 lm	2x 62.4 W	Down:4787lm - Up:5331lm	2x 69.9 W
R47MM.DM.930.xx.17	3000K - Ra90	2424 mm	-	2x 8874 lm	2x 66.3 W	Down:5086lm - Up:5664lm	2x 74.3 W
R47MM.DM.930.xx.18	3000K - Ra90	2564 mm	-	2x 9396 lm	2x 70.2 W	Down:5385lm - Up:5997lm	2x 78.7 W
R47MM.DM.930.xx.19	3000K - Ra90	2706 mm	-	2x 9918 lm	2x 74.1 W	Down:5684lm - Up:6331lm	2x 83.1 W
R47MM.DM.930.xx.20	3000K - Ra90	2844 mm	-	2x 10440 lm	2x 78 W	Down:5983lm - Up:6664lm	2x 87.4 W
R47MM.DM.930.xx.21	3000K - Ra90	2986 mm	-	2x 10962 lm	2x 81.9 W	Down:6282lm - Up:6997lm	2x 91.8 W
R47MM.DM.930.xx.22	3000K - Ra90	3125 mm	-	2x 11484 lm	2x 85.8 W	Down:6582lm - Up:7330lm	2x 96.2 W
R47MM.DM.930.xx.23	3000K - Ra90	3267 mm	-	2x 12006 lm	2x 89.7 W	Down:6881lm - Up:7663lm	2x 100.6 W
R47MM.DM.930.xx.24	3000K - Ra90	3405 mm	-	2x 12528 lm	2x 93.6 W	Down:7180lm - Up:7997lm	2x 104.9 W
R47MM.DM.930.xx.25	3000K - Ra90	3548 mm	1701 + 1843 mm	2x 13050 lm	2x 97.5 W	Down:7479lm - Up:8330lm	2x 109.3 W
R47MM.DM.930.xx.26	3000K - Ra90	3687 mm	1701 + 1982 mm	2x 13572 lm	2x 101.4 W	Down:7778lm - Up:8663lm	2x 113.7 W
R47MM.DM.930.xx.27	3000K - Ra90	3829 mm	1843 + 1982 mm	2x 14094 lm	2x 105.3 W	Down:8077lm - Up:8996lm	2x 118 W
R47MM.DM.930.xx.28	3000K - Ra90	3968 mm	1982 + 1982 mm	2x 14616 lm	2x 109.2 W	Down:8377lm - Up:9329lm	2x 122.4 W
R47MM.DM.930.xx.29	3000K - Ra90	4110 mm	1982 + 2125 mm	2x 15138 lm	2x 113.1 W	Down:8676lm - Up:9663lm	2x 126.8 W
R47MM.DM.930.xx.30	3000K - Ra90	4248 mm	1982 + 2262 mm	2x 15660 lm	2x 117 W	Down:8975lm - Up:9996lm	2x 131.2 W
R47MM.DM.930.xx.31	3000K - Ra90	4390 mm	2125 + 2262 mm	2x 16182 lm	2x 120.9 W	Down:9274lm - Up:10329lm	2x 135.5 W
R47MM.DM.930.xx.32	3000K - Ra90	4528 mm	2262 + 2262 mm	2x 16704 lm	2x 124.8 W	Down:9573lm - Up:10662lm	2x 139.9 W
R47MM.DM.930.xx.33	3000K - Ra90	4670 mm	2262 + 2405 mm	2x 17226 lm	2x 128.7 W	Down:9872lm - Up:10995lm	2x 144.3 W
R47MM.DM.930.xx.34	3000K - Ra90	4810 mm	2262 + 2544 mm	2x 17748 lm	2x 132.6 W	Down:10171lm - Up:11329lm	2x 148.6 W
R47MM.DM.930.xx.35	3000K - Ra90	4952 mm	2405 + 2544 mm	2x 18270 lm	2x 136.5 W	Down:10471lm - Up:11662lm	2x 153 W
R47MM.DM.930.xx.36	3000K - Ra90	5091 mm	2544 + 2544 mm	2x 18792 lm	2x 140.4 W	Down:10770lm - Up:11995lm	2x 157.4 W
R47MM.DM.930.xx.37	3000K - Ra90	5233 mm	2544 + 2686 mm	2x 19314 lm	2x 144.3 W	Down:11069lm - Up:12328lm	2x 161.8 W
R47MM.DM.930.xx.38	3000K - Ra90	5371 mm	2544 + 2824 mm	2x 19836 lm	2x 148.2 W	Down:11368lm - Up:12661lm	2x 166.1 W
R47MM.DM.930.xx.39	3000K - Ra90	5513 mm	2544 + 2966 mm	2x 20358 lm	2x 152.1 W	Down:11667lm - Up:12995lm	2x 170.5 W
R47MM.DM.930.xx.40	3000K - Ra90	5653 mm	2544 + 3105 mm	2x 20880 lm	2x 156 W	Down:11966lm - Up:13328lm	2x 174.9 W
R47MM.DM.930.xx.41	3000K - Ra90	5795 mm	2544 + 3248 mm	2x 21402 lm	2x 159.9 W	Down:12266lm - Up:13661lm	2x 179.2 W
R47MM.DM.930.xx.42	3000K - Ra90	5933 mm	2824 + 3105 mm	2x 21924 lm	2x 163.8 W	Down:12565lm - Up:13994lm	2x 183.6 W
R47MM.DM.930.xx.43	3000K - Ra90	6075 mm	2966 + 3105 mm	2x 22446 lm	2x 167.7 W	Down:12864lm - Up:14327lm	2x 188 W
R47MM.DM.930.xx.44	3000K - Ra90	6214 mm	3105 + 3105 mm	2x 22968 lm	2x 171.6 W	Down:13163lm - Up:14661lm	2x 192.4 W
R47MM.DM.930.xx.45	3000K - Ra90	6356 mm	3105 + 3248 mm	2x 23490 lm	2x 175.5 W	Down:13462lm - Up:14994lm	2x 196.7 W
R47MM.DM.930.xx.46	3000K - Ra90	6494 mm	3105 + 3385 mm	2x 24012 lm	2x 179.4 W	Down:13761lm - Up:15327lm	2x 201.1 W
R47MM.DM.930.xx.47	3000K - Ra90	6636 mm	3248 + 3385 mm	2x 24534 lm	2x 183.3 W	Down:14061lm - Up:15660lm	2x 205.5 W
R47MM.DM.930.xx.48	3000K - Ra90	6774 mm	3385 + 3385 mm	2x 25056 lm	2x 187.2 W	Down:14360lm - Up:15993lm	2x 209.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	90.9lm/W
Efficacy 4000K - Ra80	177.4lm/W	95.8lm/W
Efficacy 2700K - Ra90	131.8lm/W	71.1lm/W
Efficacy 3000K - Ra90	134lm/W	72.3lm/W
Efficacy 4000K - Ra90	141.1lm/W	76.1lm/W
Color consistency	SDCM 3	
Photobiological safety	Risk Group 1	
Power factor	0.9	

Lumen Maintenance

L70	B50	>70000 hrs
	B20	>70000 hrs
	B10	>70000 hrs
L80	B50	>70000 hrs
	B20	65000 hrs
	B10	60000 hrs
L90	B50	35000 hrs
	B20	35000 hrs
	B10	30000 hrs

* Depending on the finish a luminous flux decrease up to 18% is possible relative to the luminous flux when opting for standard matt white texture powdercoated profiles.

** The max. length of a single piece of profile is 3405mm. Ready to go-profiles with a length higher than 3405mm consist of 2 individual piece connected with a 180° mechanical connector
Total length is the length with end caps included, individual lengths are lengths with the end cap excluded.

LEDliner47 Recessed - Ready To Go - 4000K Ra90

Article nr.	CCT - CRI	Length Total**	Lengths Individual**	Lum. Flux LED Module*	Power LED Module	Lum. Flux Luminaire*	Power Luminaire
R47MM.DM.940.xx.06	4000K - Ra90	879 mm	-	2x 3300 lm	2x 23.4 W	Down:1889lm - Up:2104lm	2x 26.2 W
R47MM.DM.940.xx.07	4000K - Ra90	1021 mm	-	2x 3850 lm	2x 27.3 W	Down:2204lm - Up:2455lm	2x 30.6 W
R47MM.DM.940.xx.08	4000K - Ra90	1159 mm	-	2x 4400 lm	2x 31.2 W	Down:2519lm - Up:2806lm	2x 35 W
R47MM.DM.940.xx.09	4000K - Ra90	1301 mm	-	2x 4950 lm	2x 35.1 W	Down:2834lm - Up:3157lm	2x 39.3 W
R47MM.DM.940.xx.10	4000K - Ra90	1441 mm	-	2x 5500 lm	2x 39 W	Down:3149lm - Up:3507lm	2x 43.7 W
R47MM.DM.940.xx.11	4000K - Ra90	1583 mm	-	2x 6050 lm	2x 42.9 W	Down:3464lm - Up:3858lm	2x 48.1 W
R47MM.DM.940.xx.12	4000K - Ra90	1721 mm	-	2x 6600 lm	2x 46.8 W	Down:3779lm - Up:4209lm	2x 52.5 W
R47MM.DM.940.xx.13	4000K - Ra90	1863 mm	-	2x 7150 lm	2x 50.7 W	Down:4094lm - Up:4559lm	2x 56.8 W
R47MM.DM.940.xx.14	4000K - Ra90	2002 mm	-	2x 7700 lm	2x 54.6 W	Down:4409lm - Up:4910lm	2x 61.2 W
R47MM.DM.940.xx.15	4000K - Ra90	2144 mm	-	2x 8250 lm	2x 58.5 W	Down:4724lm - Up:5261lm	2x 65.6 W
R47MM.DM.940.xx.16	4000K - Ra90	2282 mm	-	2x 8800 lm	2x 62.4 W	Down:5039lm - Up:5612lm	2x 69.9 W
R47MM.DM.940.xx.17	4000K - Ra90	2424 mm	-	2x 9350 lm	2x 66.3 W	Down:5353lm - Up:5962lm	2x 74.3 W
R47MM.DM.940.xx.18	4000K - Ra90	2564 mm	-	2x 9900 lm	2x 70.2 W	Down:5668lm - Up:6313lm	2x 78.7 W
R47MM.DM.940.xx.19	4000K - Ra90	2706 mm	-	2x 10450 lm	2x 74.1 W	Down:5983lm - Up:6664lm	2x 83.1 W
R47MM.DM.940.xx.20	4000K - Ra90	2844 mm	-	2x 11000 lm	2x 78 W	Down:6298lm - Up:7015lm	2x 87.4 W
R47MM.DM.940.xx.21	4000K - Ra90	2986 mm	-	2x 11550 lm	2x 81.9 W	Down:6613lm - Up:7365lm	2x 91.8 W
R47MM.DM.940.xx.22	4000K - Ra90	3125 mm	-	2x 12100 lm	2x 85.8 W	Down:6928lm - Up:7716lm	2x 96.2 W
R47MM.DM.940.xx.23	4000K - Ra90	3267 mm	-	2x 12650 lm	2x 89.7 W	Down:7243lm - Up:8067lm	2x 100.6 W
R47MM.DM.940.xx.24	4000K - Ra90	3405 mm	-	2x 13200 lm	2x 93.6 W	Down:7558lm - Up:8418lm	2x 104.9 W
R47MM.DM.940.xx.25	4000K - Ra90	3548 mm	1701 + 1843 mm	2x 13750 lm	2x 97.5 W	Down:7873lm - Up:8768lm	2x 109.3 W
R47MM.DM.940.xx.26	4000K - Ra90	3687 mm	1701 + 1982 mm	2x 14300 lm	2x 101.4 W	Down:8188lm - Up:9119lm	2x 113.7 W
R47MM.DM.940.xx.27	4000K - Ra90	3829 mm	1843 + 1982 mm	2x 14850 lm	2x 105.3 W	Down:8502lm - Up:9470lm	2x 118 W
R47MM.DM.940.xx.28	4000K - Ra90	3968 mm	1982 + 1982 mm	2x 15400 lm	2x 109.2 W	Down:8817lm - Up:9820lm	2x 122.4 W
R47MM.DM.940.xx.29	4000K - Ra90	4110 mm	1982 + 2125 mm	2x 15950 lm	2x 113.1 W	Down:9132lm - Up:10171lm	2x 126.8 W
R47MM.DM.940.xx.30	4000K - Ra90	4248 mm	1982 + 2262 mm	2x 16500 lm	2x 117 W	Down:9447lm - Up:10522lm	2x 131.2 W
R47MM.DM.940.xx.31	4000K - Ra90	4390 mm	2125 + 2262 mm	2x 17050 lm	2x 120.9 W	Down:9762lm - Up:10873lm	2x 135.5 W
R47MM.DM.940.xx.32	4000K - Ra90	4528 mm	2262 + 2262 mm	2x 17600 lm	2x 124.8 W	Down:10077lm - Up:11223lm	2x 139.9 W
R47MM.DM.940.xx.33	4000K - Ra90	4670 mm	2262 + 2405 mm	2x 18150 lm	2x 128.7 W	Down:10392lm - Up:11574lm	2x 144.3 W
R47MM.DM.940.xx.34	4000K - Ra90	4810 mm	2262 + 2544 mm	2x 18700 lm	2x 132.6 W	Down:10707lm - Up:11925lm	2x 148.6 W
R47MM.DM.940.xx.35	4000K - Ra90	4952 mm	2405 + 2544 mm	2x 19250 lm	2x 136.5 W	Down:11022lm - Up:12276lm	2x 153 W
R47MM.DM.940.xx.36	4000K - Ra90	5091 mm	2544 + 2544 mm	2x 19800 lm	2x 140.4 W	Down:11337lm - Up:12626lm	2x 157.4 W
R47MM.DM.940.xx.37	4000K - Ra90	5233 mm	2544 + 2686 mm	2x 20350 lm	2x 144.3 W	Down:11652lm - Up:12977lm	2x 161.8 W
R47MM.DM.940.xx.38	4000K - Ra90	5371 mm	2544 + 2824 mm	2x 20900 lm	2x 148.2 W	Down:11966lm - Up:13328lm	2x 166.1 W
R47MM.DM.940.xx.39	4000K - Ra90	5513 mm	2544 + 2966 mm	2x 21450 lm	2x 152.1 W	Down:12281lm - Up:13678lm	2x 170.5 W
R47MM.DM.940.xx.40	4000K - Ra90	5653 mm	2544 + 3105 mm	2x 22000 lm	2x 156 W	Down:12596lm - Up:14029lm	2x 174.9 W
R47MM.DM.940.xx.41	4000K - Ra90	5795 mm	2544 + 3248 mm	2x 22550 lm	2x 159.9 W	Down:12911lm - Up:14380lm	2x 179.2 W
R47MM.DM.940.xx.42	4000K - Ra90	5933 mm	2824 + 3105 mm	2x 23100 lm	2x 163.8 W	Down:13226lm - Up:14731lm	2x 183.6 W
R47MM.DM.940.xx.43	4000K - Ra90	6075 mm	2966 + 3105 mm	2x 23650 lm	2x 167.7 W	Down:13541lm - Up:15081lm	2x 188 W
R47MM.DM.940.xx.44	4000K - Ra90	6214 mm	3105 + 3105 mm	2x 24200 lm	2x 171.6 W	Down:13856lm - Up:15432lm	2x 192.4 W
R47MM.DM.940.xx.45	4000K - Ra90	6356 mm	3105 + 3248 mm	2x 24750 lm	2x 175.5 W	Down:14171lm - Up:15783lm	2x 196.7 W
R47MM.DM.940.xx.46	4000K - Ra90	6494 mm	3105 + 3385 mm	2x 25300 lm	2x 179.4 W	Down:14486lm - Up:16134lm	2x 201.1 W
R47MM.DM.940.xx.47	4000K - Ra90	6636 mm	3248 + 3385 mm	2x 25850 lm	2x 183.3 W	Down:14801lm - Up:16484lm	2x 205.5 W
R47MM.DM.940.xx.48	4000K - Ra90	6774 mm	3385 + 3385 mm	2x 26400 lm	2x 187.2 W	Down:15116lm - Up:16835lm	2x 209.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	90.9lm/W
Efficacy 4000K - Ra80	177.4lm/W	95.8lm/W
Efficacy 2700K - Ra90	131.8lm/W	71.1lm/W
Efficacy 3000K - Ra90	134lm/W	72.3lm/W
Efficacy 4000K - Ra90	141.1lm/W	76.1lm/W
Color consistency	SDCM 3	
Photobiological safety	Risk Group 1	
Power factor	0.9	

Lumen Maintenance

L70	B50	>70000 hrs
	B20	>70000 hrs
	B10	>70000 hrs
L80	B50	>70000 hrs
	B20	65000 hrs
	B10	60000 hrs
L90	B50	35000 hrs
	B20	35000 hrs
	B10	30000 hrs

* Depending on the finish a luminous flux decrease up to 18% is possible relative to the luminous flux when opting for standard matt white texture powdercoated profiles.

** The max. length of a single piece of profile is 3405mm. Ready to go-profiles with a length higher than 3405mm consist of 2 individual piece connected with a 180° mechanical connector. Total length is the length with end caps included, individual lengths are lengths with the end cap excluded.

Options (not included)

Extend To Fit

art.nr. 650.99.01

In this catalogue, we offer 43 RTG's per profile type, all with fixed lengths. We can customize specific required dimensions by extending the gap between LED modules without esthetical discomfort. Profiles can be extended from 10 to 130mm, as requested.

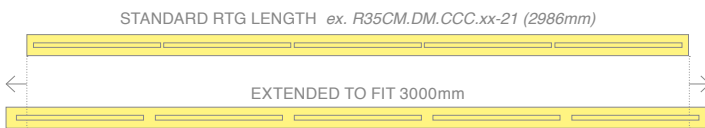
Below, we have made an example on how to order:

Requested: LEDliner35 Ceiling Mounted 3000mm

- Step 1: Look for the corresponding page in this catalogue > *Page 18*
- Step 2: Look for the nearest (smaller) dimension, closest to 3000mm > *R35CM.DM.CCC.xx-21 (2986mm)*

How to order a LEDliner35 Ceiling Mounted 3000mm:

- Step 1: Order the nearest (smaller) dimension
R35CM.DM.CCC.xx-21
- Step 2: Order art.nr. 650.99.01 (Extend To Fit) and confirm requested length 3000mm
650.99.01 (3000mm)



Ceiling connecting boxes



Recessed Connecting Box Ø80mm

White Matt Texture	2132.00.01
Black Matt Texture	2132.00.03
Grey 9006 Matt Texture	2132.00.18
Anthracite Matt Texture	2132.00.07
Cut-out: Ø68mm (depth min. 60mm)	
Other colors on request	

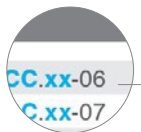


Trimless Connecting Box Ø80mm

White Matt Texture	2133.00.01
Black Matt Texture	2133.00.03
Grey 9006 Matt Texture	2133.00.18
Anthracite Matt Texture	2133.00.07
Cut-out: Ø85mm (depth min. 60mm)	
Other colors on request	

Suspension set 4000mm

Our standard suspension set of 2000mm is included in all suspended luminaires. The following ordering codes are needed for optional 4000mm suspension sets (please order 1x the article number corresponding with the required amount of suspensions)



To find out how many suspensions are required for your profile, check the last 2 figures of your RTG article number:
ref. 06-13: 2 suspensions required
ref. 14-24: 3 suspensions required
ref. 25-30: 4 suspensions required
ref. 31-48: 6 suspensions required



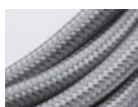
Suspension + White Textile Cable Supply 4000mm

	2 susp.	3 susp.	4 susp.	6 susp.
3x0.75mm ²	2144.02.01	2144.03.01	2144.04.01	2144.06.01
5x0.75mm ²	2145.02.01	2145.03.01	2145.04.01	2145.06.01
7x0.75mm ²	2146.02.01	2146.03.01	2146.04.01	2146.06.01



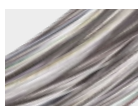
Suspension + Black Textile Cable Supply 4000mm

	2 susp.	3 susp.	4 susp.	6 susp.
3x0.75mm ²	2144.02.03	2144.03.03	2144.04.03	2144.06.03
5x0.75mm ²	2145.02.03	2145.03.03	2145.04.03	2145.06.03
7x0.75mm ²	2146.02.03	2146.03.03	2146.04.03	2146.06.03



Suspension + Grey Textile Cable Supply 4000mm

	2 susp.	3 susp.	4 susp.	6 susp.
3x0.75mm ²	2144.02.18	2144.03.18	2144.04.18	2144.06.18
5x0.75mm ²	2145.02.18	2145.03.18	2145.04.18	2145.06.18
7x0.75mm ²	2146.02.18	2146.03.18	2146.04.18	2146.06.18



Suspension + Transparent Cable Supply 4000mm

	2 susp.	3 susp.	4 susp.	6 susp.
9x0.75mm ²	2147.02.00	2147.03.00	2147.04.00	2147.06.00

Connectors

Ready To Go profiles can be joined together, using 90° or 180° connectors.

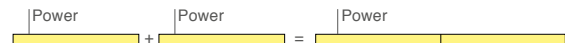


LL47 Connectors

90°	2130.00.00
180°	2131.00.00
Custom made	2132.00.00

When joining your Ready To Go profiles with a 90° connector, take into consideration that both your joined profile lengths will be extended by **20mm** to create the corner. To ensure a sleek design, all 90° corners have only one diagonal cut.

When joining your Ready To Go profiles with a 180° connector, the connected result will have one power supply cable, unless specifically requested otherwise.



Emergency Lighting (Fortimo LED Line / LED Strip)

Philips TrustSight LED emergency kits come complete with battery packs. Designed for use with current-control LED drivers, they operate as a de-centralized emergency lighting solution in the event of a mains voltage failure. TrustSight LED emergency kit is compatible with most LED control gear on the market. They support applications requiring 1 or 3 hours operating time and are CE and ENEC-certified.



Emergency module for linear modules

(Min. length of profile: 1100mm, starting at ref. 08)

1Hr Standard	659.24.LED-1
3Hrs Standard	659.24.LED-3
1Hr DALI	659.26.LED-1
3Hrs DALI	659.26.LED-3

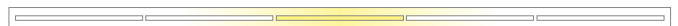
Emergency modules are equipped with self-testing.
DALI version with on command testing, status read-out and additional functionality.

In case of mains failure:

In emergency mode the Philips Trustsight LED Emergency kit acts as a 3W constant power source. This means approx. 507lm for 3000K modules (169lm/W) and approx. 534lm for 4000K modules (178lm/W).

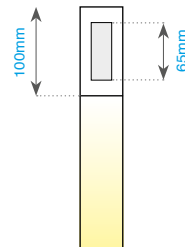
Please apply the correct light output ratio (mentioned on page 66 of our Ready To Go-catalogue) for a more precise estimation of the luminous flux in emergency mode for a specific luminaire.

One emergency module powers one LED module
(280mm/560mm depending on linear configuration).



LED Technology and efficiency improves rapidly.
For the latest technical info please visit www.doxis.be.

ActiLume Daylight- & Movement Sensor



The ActiLume system is a daylight sensor with built-in presence detection. It provides huge energy savings, maximum comfort and is also a tool for fighting climate change on our planet. With ActiLume you get maximum comfort and automatic energy savings of up to 70 - 75%.

ActiLume daylight/presence detection

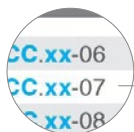
(Min. length of profile: 1100mm, starting at ref. 08)

Stand-alone system 659.00.00
1 sensor integrated in 1 fixture

To accommodate the ActiLume sensor, 100mm will be added to your Ready To Go profile.



Technical info

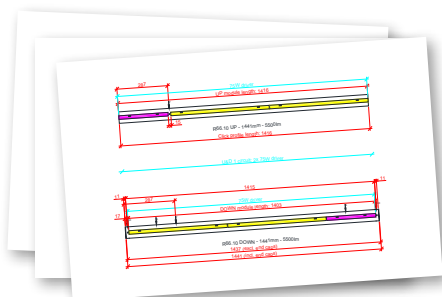
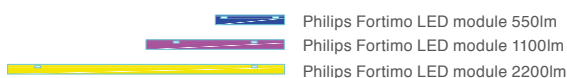
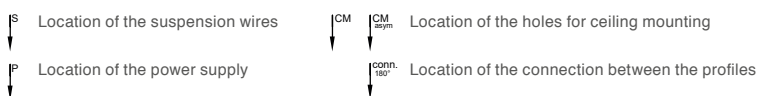
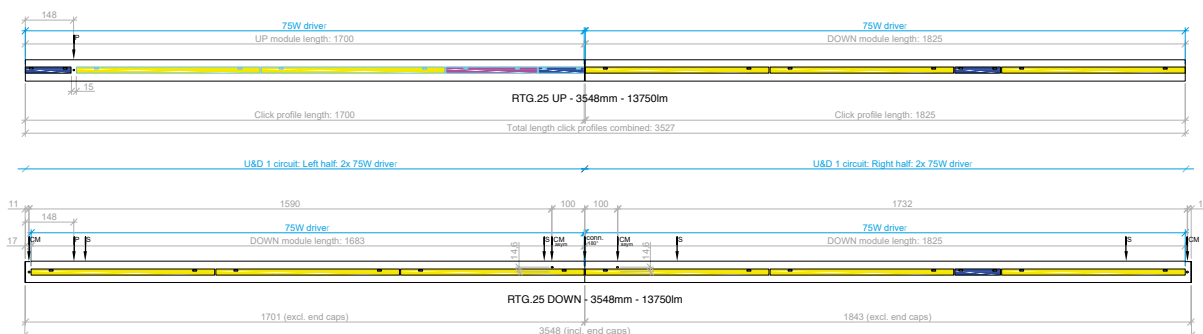


To find out how many suspensions are required for your profile, check the last 2 figures of your RTG article number:

- ref. 06-13: 2 suspension cables, 2 holes for ceiling mounting, or 2 wall connectors.
- ref. 14-24: 3 suspension cables, 3 holes for ceiling mounting, or 3 wall connectors.
- ref. 25-30 (consist of 2 profiles connected by a 180° connector): 4 suspension cables, 4 holes for ceiling mounting, or 4 wall connectors.
- ref. 31-48 (consist of 2 profiles connected by a 180° connector): 6 suspension cables, 6 holes for ceiling mounting, or 6 wall connectors.

Example:

RTG LEDliner47 Up&Down, ref. 25
(1701mm + 1843mm connected by a 180° connector + end caps = 3548mm in total)



For a detailed technical drawing of every RTG luminaire, please refer to www.doxis.be.

Installation notice

Make sure your luminaires are installed by certified electricians.
Make sure enough fixation points are used.
Make sure correct plugs and fixation screws are used for different types of ceilings.

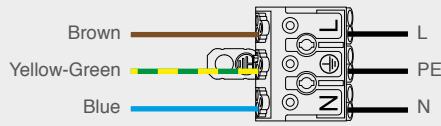
Doxis cannot be held responsible for incorrect installation.

Attention! Aluminium profiles will extend when warming up.

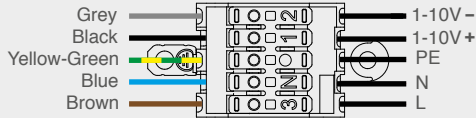
The extension is 0.5mm per meter. This should be taken into consideration for wall mounting, recessed mounting, trimless mounting and ceiling mounting applications. Extension gaps should be provided.

Single circuit

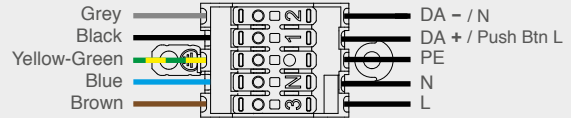
Non dimmable



1-10V dimmable

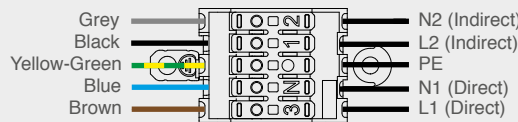


Touch & DALI dimmable

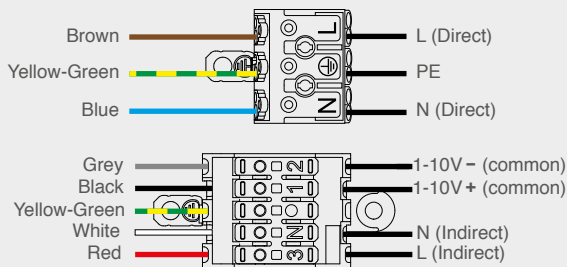


Double circuit direct/indirect 7-wire*

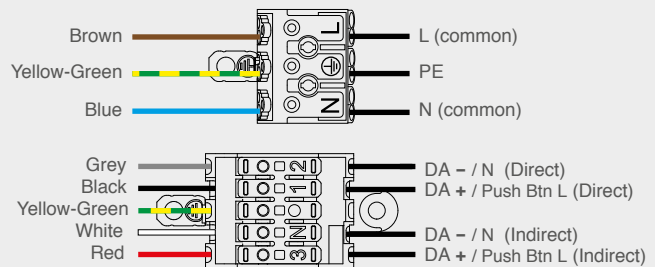
Non dimmable (standard for wall & suspended)



1-10V dimmable (for suspended only*)

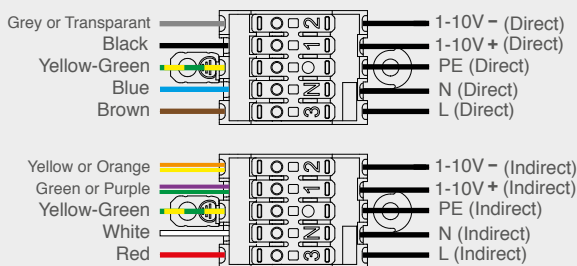


Touch & DALI dimmable (for suspended only*)

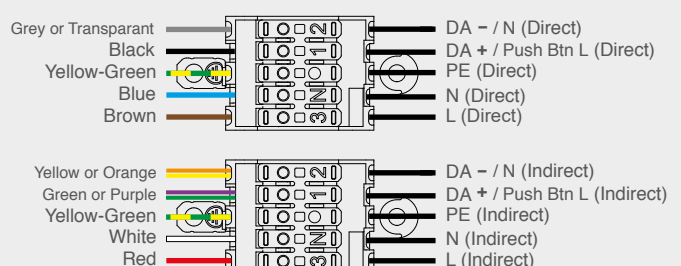


Double circuit direct/indirect 9-wire* (standard for wall mounted profiles, optional for suspended profiles)

1-10V dimmable (standard for wall mounted, optional for suspended*)



Touch & DALI dimmable (standard for wall mounted, optional for suspended*)



Double Circuit Dimming Notice

Suspended profiles w/ 1-10V double circuit direct/indirect dimming:

- 7-wire supply cable (standard):
- 1 common input for 1 dimming level (direct & indirect dim together at the same level)
- 2 separated power supply inputs for separate switching (direct & indirect can be switched independently)

9-wire supply cable (optional): 9x0.75mm² 2000mm transp. cable

2147.00.00

- 2 separated inputs for dimming AND switching (direct & indirect dim at different levels and can be switched independently)

Suspended profiles w/ Touch&DALI double circuit direct/indirect dim:

- 7-wire supply cable (standard):
- 1 common input for continuous power supply
- 2 separated inputs for controlling with DALI or Touch dim. (direct & indirect dim at different levels and can be switched independently)

9-wire supply cable (optional): 9x0.75mm² 2000mm transp. cable

2147.00.00

- 2 separated inputs for continuous power supply
- 2 separated inputs for controlling with DALI or Touch dim. (direct & indirect dim at different levels and can be switched independently)