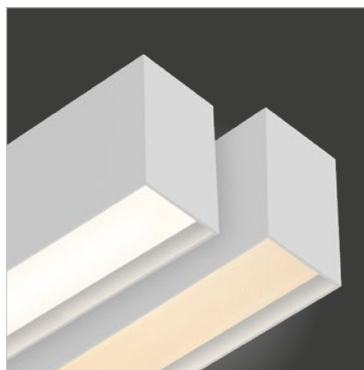


LEDLiner85 Down + Up&Down / Ready-To-Go

Technical Datasheet

DOXIS
LIGHTING FACTORY



General specs

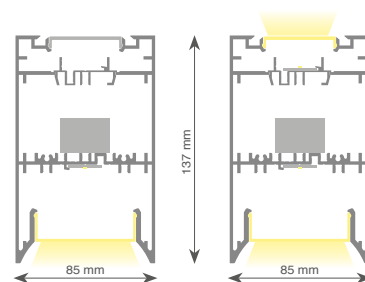
Type	Down: Suspended / Ceiling mounted Up&Down: Suspended 1 or 2 circuits
Material	Profile: Aluminium Cover Up: Acrylate (PMMA) Cover Down: Polycarbonate (PC)
Lightsource	Philips Fortimo LED modules
Dimmable	Non dim / 1-10V dim / Touch&DALI dim
Weight	Average weight of equipped profile: 5.00kg/m
Cover	Opal / Prismatic

IP20



RoHS

CE

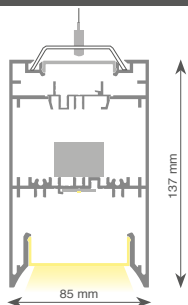


Information

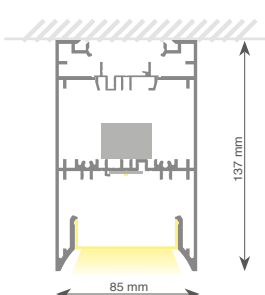
Rectangle aluminium extruded profile 85x137mm in Down (suspended or ceiling mounted) and Up&Down (suspended 1 or 2 circuits) version. Strong attention is given to thermal management (reduction of heat), equal light distribution and glare reduction (Prismatic Optics). LEDLiner85 offers the latest and best performing LED lighting technology using Philips LED Lines.

Mounting Methods

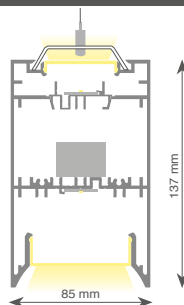
Down - Suspended



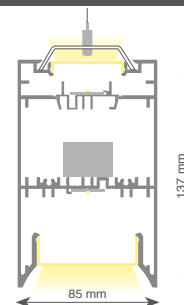
Down - Ceiling Mounted



Up&Down - Susp. 1circuit



Up&Down - Susp. 2 circuits



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
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)



Available colors

Standard

Optional

01

White
Matt Text.

03

Black
Matt Text.

15

Corten

16

Gold Matt

18

Grey 9006
Matt Text.

07

Anthracite
Matt Text.

24

Old Matt
Copper

25

Smoked
Brown

Other colors on request.

Covers

Standard

Optional (for Down only)



Opal cover (standard)
R8500.00.000.xx.00



Prismatic cover (optional)
R8500.00.000.xx.00.P

Prismatic

Luminous flux for prismatic cover is ca. 5.9% higher than the standard opal cover. Please add ".P" to the article number for the prismatic cover version.

DOXIS
LIGHTING FACTORY

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www.doxis.be

Datasheet subject to change
Update: 15/07/2019
Page 1-14

Article number composition

MM = Mounting method
SU: Down - Suspended
CM: Down - Ceiling Mounted

R85 = Ready To Go LEDLiner85

Available colors

Matt White Texture R8500.00.000.**01.00**
Matt Black Texture R8500.00.000.**03.00**
Matt Grey 9006 Text. R8500.00.000.**18.00**
Matt Anthracite Text. R8500.00.000.**07.00**
Other colors on request.

xx = Color Code

R85MM.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

Size (Doxis reference)

LEDLiner85 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
R85MM.DM.830.xx.06	3000K - Ra80	879 mm	-	3132 lm	18.6 W	1456 lm	20.9 W
R85MM.DM.830.xx.07	3000K - Ra80	1021 mm	-	3654 lm	21.7 W	1698 lm	24.3 W
R85MM.DM.830.xx.08	3000K - Ra80	1159 mm	-	4176 lm	24.8 W	1941 lm	27.8 W
R85MM.DM.830.xx.09	3000K - Ra80	1301 mm	-	4698 lm	27.9 W	2184 lm	31.3 W
R85MM.DM.830.xx.10	3000K - Ra80	1441 mm	-	5220 lm	31 W	2426 lm	34.8 W
R85MM.DM.830.xx.11	3000K - Ra80	1583 mm	-	5742 lm	34.1 W	2669 lm	38.2 W
R85MM.DM.830.xx.12	3000K - Ra80	1721 mm	-	6264 lm	37.2 W	2912 lm	41.7 W
R85MM.DM.830.xx.13	3000K - Ra80	1863 mm	-	6786 lm	40.3 W	3154 lm	45.2 W
R85MM.DM.830.xx.14	3000K - Ra80	2002 mm	-	7308 lm	43.4 W	3397 lm	48.7 W
R85MM.DM.830.xx.15	3000K - Ra80	2144 mm	-	7830 lm	46.5 W	3639 lm	52.1 W
R85MM.DM.830.xx.16	3000K - Ra80	2282 mm	-	8352 lm	49.6 W	3882 lm	55.6 W
R85MM.DM.830.xx.17	3000K - Ra80	2424 mm	-	8874 lm	52.7 W	4125 lm	59.1 W
R85MM.DM.830.xx.18	3000K - Ra80	2564 mm	-	9396 lm	55.8 W	4367 lm	62.6 W
R85MM.DM.830.xx.19	3000K - Ra80	2706 mm	-	9918 lm	58.9 W	4610 lm	66 W
R85MM.DM.830.xx.20	3000K - Ra80	2844 mm	-	10440 lm	62 W	4853 lm	69.5 W
R85MM.DM.830.xx.21	3000K - Ra80	2986 mm	-	10962 lm	65.1 W	5095 lm	73 W
R85MM.DM.830.xx.22	3000K - Ra80	3125 mm	-	11484 lm	68.2 W	5338 lm	76.5 W
R85MM.DM.830.xx.23	3000K - Ra80	3267 mm	-	12006 lm	71.3 W	5580 lm	79.9 W
R85MM.DM.830.xx.24	3000K - Ra80	3405 mm	-	12528 lm	74.4 W	5823 lm	83.4 W
R85MM.DM.830.xx.25	3000K - Ra80	3548 mm	1701 + 1843 mm	13050 lm	77.5 W	6066 lm	86.9 W
R85MM.DM.830.xx.26	3000K - Ra80	3687 mm	1701 + 1982 mm	13572 lm	80.6 W	6308 lm	90.4 W
R85MM.DM.830.xx.27	3000K - Ra80	3829 mm	1843 + 1982 mm	14094 lm	83.7 W	6551 lm	93.8 W
R85MM.DM.830.xx.28	3000K - Ra80	3968 mm	1982 + 1982 mm	14616 lm	86.8 W	6794 lm	97.3 W
R85MM.DM.830.xx.29	3000K - Ra80	4110 mm	1982 + 2125 mm	15138 lm	89.9 W	7036 lm	100.8 W
R85MM.DM.830.xx.30	3000K - Ra80	4248 mm	1982 + 2262 mm	15660 lm	93 W	7279 lm	104.3 W
R85MM.DM.830.xx.31	3000K - Ra80	4390 mm	2125 + 2262 mm	16182 lm	96.1 W	7521 lm	107.7 W
R85MM.DM.830.xx.32	3000K - Ra80	4528 mm	2262 + 2262 mm	16704 lm	99.2 W	7764 lm	111.2 W
R85MM.DM.830.xx.33	3000K - Ra80	4670 mm	2262 + 2405 mm	17226 lm	102.3 W	8007 lm	114.7 W
R85MM.DM.830.xx.34	3000K - Ra80	4810 mm	2262 + 2544 mm	17748 lm	105.4 W	8249 lm	118.2 W
R85MM.DM.830.xx.35	3000K - Ra80	4952 mm	2405 + 2544 mm	18270 lm	108.5 W	8492 lm	121.6 W
R85MM.DM.830.xx.36	3000K - Ra80	5091 mm	2544 + 2544 mm	18792 lm	111.6 W	8735 lm	125.1 W
R85MM.DM.830.xx.37	3000K - Ra80	5233 mm	2544 + 2686 mm	19314 lm	114.7 W	8977 lm	128.6 W
R85MM.DM.830.xx.38	3000K - Ra80	5371 mm	2544 + 2824 mm	19836 lm	117.8 W	9220 lm	132.1 W
R85MM.DM.830.xx.39	3000K - Ra80	5513 mm	2544 + 2966 mm	20358 lm	120.9 W	9462 lm	135.5 W
R85MM.DM.830.xx.40	3000K - Ra80	5653 mm	2544 + 3105 mm	20880 lm	124 W	9705 lm	139 W
R85MM.DM.830.xx.41	3000K - Ra80	5795 mm	2544 + 3248 mm	21402 lm	127.1 W	9948 lm	142.5 W
R85MM.DM.830.xx.42	3000K - Ra80	5933 mm	2824 + 3105 mm	21924 lm	130.2 W	10190 lm	146 W
R85MM.DM.830.xx.43	3000K - Ra80	6075 mm	2966 + 3105 mm	22446 lm	133.3 W	10433 lm	149.4 W
R85MM.DM.830.xx.44	3000K - Ra80	6214 mm	3105 + 3105 mm	22968 lm	136.4 W	10676 lm	152.9 W
R85MM.DM.830.xx.45	3000K - Ra80	6356 mm	3105 + 3248 mm	23490 lm	139.5 W	10918 lm	156.4 W
R85MM.DM.830.xx.46	3000K - Ra80	6494 mm	3105 + 3385 mm	24012 lm	142.6 W	11161 lm	159.9 W
R85MM.DM.830.xx.47	3000K - Ra80	6636 mm	3248 + 3385 mm	24534 lm	145.7 W	11403 lm	163.3 W
R85MM.DM.830.xx.48	3000K - Ra80	6774 mm	3385 + 3385 mm	25056 lm	148.8 W	11646 lm	166.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	69.8lm/W
Efficacy 4000K - Ra80	177.4lm/W	73.6lm/W
Efficacy 2700K - Ra90	131.8lm/W	54.6lm/W
Efficacy 3000K - Ra90	134lm/W	55.6lm/W
Efficacy 4000K - Ra90	141.1lm/W	58.5lm/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



Opal cover (standard)
R8500.00.000.xx.00



Prismatic cover (optional)
R8500.00.000.xx.00.P

Luminous flux for LEDliner 85 with prismatic cover (down only) is ca. 5.9% higher than with standard opal cover. Please add "P" to the article number for the prismatic cover version.

* 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.

LEDLiner85 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
R85MM.DM.840.xx.06	4000K - Ra80	879 mm	-	3300 lm	18.6 W	1534 lm	20.9 W
R85MM.DM.840.xx.07	4000K - Ra80	1021 mm	-	3850 lm	21.7 W	1789 lm	24.3 W
R85MM.DM.840.xx.08	4000K - Ra80	1159 mm	-	4400 lm	24.8 W	2045 lm	27.8 W
R85MM.DM.840.xx.09	4000K - Ra80	1301 mm	-	4950 lm	27.9 W	2301 lm	31.3 W
R85MM.DM.840.xx.10	4000K - Ra80	1441 mm	-	5500 lm	31 W	2556 lm	34.8 W
R85MM.DM.840.xx.11	4000K - Ra80	1583 mm	-	6050 lm	34.1 W	2812 lm	38.2 W
R85MM.DM.840.xx.12	4000K - Ra80	1721 mm	-	6600 lm	37.2 W	3068 lm	41.7 W
R85MM.DM.840.xx.13	4000K - Ra80	1863 mm	-	7150 lm	40.3 W	3323 lm	45.2 W
R85MM.DM.840.xx.14	4000K - Ra80	2002 mm	-	7700 lm	43.4 W	3579 lm	48.7 W
R85MM.DM.840.xx.15	4000K - Ra80	2144 mm	-	8250 lm	46.5 W	3835 lm	52.1 W
R85MM.DM.840.xx.16	4000K - Ra80	2282 mm	-	8800 lm	49.6 W	4090 lm	55.6 W
R85MM.DM.840.xx.17	4000K - Ra80	2424 mm	-	9350 lm	52.7 W	4346 lm	59.1 W
R85MM.DM.840.xx.18	4000K - Ra80	2564 mm	-	9900 lm	55.8 W	4602 lm	62.6 W
R85MM.DM.840.xx.19	4000K - Ra80	2706 mm	-	10450 lm	58.9 W	4857 lm	66 W
R85MM.DM.840.xx.20	4000K - Ra80	2844 mm	-	11000 lm	62 W	5113 lm	69.5 W
R85MM.DM.840.xx.21	4000K - Ra80	2986 mm	-	11550 lm	65.1 W	5368 lm	73 W
R85MM.DM.840.xx.22	4000K - Ra80	3125 mm	-	12100 lm	68.2 W	5624 lm	76.5 W
R85MM.DM.840.xx.23	4000K - Ra80	3267 mm	-	12650 lm	71.3 W	5880 lm	79.9 W
R85MM.DM.840.xx.24	4000K - Ra80	3405 mm	-	13200 lm	74.4 W	6135 lm	83.4 W
R85MM.DM.840.xx.25	4000K - Ra80	3548 mm	1701 + 1843 mm	13750 lm	77.5 W	6391 lm	86.9 W
R85MM.DM.840.xx.26	4000K - Ra80	3687 mm	1701 + 1982 mm	14300 lm	80.6 W	6647 lm	90.4 W
R85MM.DM.840.xx.27	4000K - Ra80	3829 mm	1843 + 1982 mm	14850 lm	83.7 W	6902 lm	93.8 W
R85MM.DM.840.xx.28	4000K - Ra80	3968 mm	1982 + 1982 mm	15400 lm	86.8 W	7158 lm	97.3 W
R85MM.DM.840.xx.29	4000K - Ra80	4110 mm	1982 + 2125 mm	15950 lm	89.9 W	7414 lm	100.8 W
R85MM.DM.840.xx.30	4000K - Ra80	4248 mm	1982 + 2262 mm	16500 lm	93 W	7669 lm	104.3 W
R85MM.DM.840.xx.31	4000K - Ra80	4390 mm	2125 + 2262 mm	17050 lm	96.1 W	7925 lm	107.7 W
R85MM.DM.840.xx.32	4000K - Ra80	4528 mm	2262 + 2262 mm	17600 lm	99.2 W	8180 lm	111.2 W
R85MM.DM.840.xx.33	4000K - Ra80	4670 mm	2262 + 2405 mm	18150 lm	102.3 W	8436 lm	114.7 W
R85MM.DM.840.xx.34	4000K - Ra80	4810 mm	2262 + 2544 mm	18700 lm	105.4 W	8692 lm	118.2 W
R85MM.DM.840.xx.35	4000K - Ra80	4952 mm	2405 + 2544 mm	19250 lm	108.5 W	8947 lm	121.6 W
R85MM.DM.840.xx.36	4000K - Ra80	5091 mm	2544 + 2544 mm	19800 lm	111.6 W	9203 lm	125.1 W
R85MM.DM.840.xx.37	4000K - Ra80	5233 mm	2544 + 2686 mm	20350 lm	114.7 W	9459 lm	128.6 W
R85MM.DM.840.xx.38	4000K - Ra80	5371 mm	2544 + 2824 mm	20900 lm	117.8 W	9714 lm	132.1 W
R85MM.DM.840.xx.39	4000K - Ra80	5513 mm	2544 + 2966 mm	21450 lm	120.9 W	9970 lm	135.5 W
R85MM.DM.840.xx.40	4000K - Ra80	5653 mm	2544 + 3105 mm	22000 lm	124 W	10226 lm	139 W
R85MM.DM.840.xx.41	4000K - Ra80	5795 mm	2544 + 3248 mm	22550 lm	127.1 W	10481 lm	142.5 W
R85MM.DM.840.xx.42	4000K - Ra80	5933 mm	2824 + 3105 mm	23100 lm	130.2 W	10737 lm	146 W
R85MM.DM.840.xx.43	4000K - Ra80	6075 mm	2966 + 3105 mm	23650 lm	133.3 W	10992 lm	149.4 W
R85MM.DM.840.xx.44	4000K - Ra80	6214 mm	3105 + 3105 mm	24200 lm	136.4 W	11248 lm	152.9 W
R85MM.DM.840.xx.45	4000K - Ra80	6356 mm	3105 + 3248 mm	24750 lm	139.5 W	11504 lm	156.4 W
R85MM.DM.840.xx.46	4000K - Ra80	6494 mm	3105 + 3385 mm	25300 lm	142.6 W	11759 lm	159.9 W
R85MM.DM.840.xx.47	4000K - Ra80	6636 mm	3248 + 3385 mm	25850 lm	145.7 W	12015 lm	163.3 W
R85MM.DM.840.xx.48	4000K - Ra80	6774 mm	3385 + 3385 mm	26400 lm	148.8 W	12271 lm	166.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	69.8lm/W
Efficacy 4000K - Ra80	177.4lm/W	73.6lm/W
Efficacy 2700K - Ra90	131.8lm/W	54.6lm/W
Efficacy 3000K - Ra90	134lm/W	55.6lm/W
Efficacy 4000K - Ra90	141.1lm/W	58.5lm/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



Opal cover (standard)
R8500.00.000.xx.00



Prismatic cover (optional)
R8500.00.000.xx.00.P

Luminous flux for LEDliner 85 with prismatic cover (down only) is ca. 5.9% higher than with standard opal cover.
Please add ".P" to the article number for the prismatic cover version.

* 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.

LEDLiner85 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
R85MM.DM.927.xx.06	2700K - Ra90	879 mm	-	3084 lm	23.4 W	1433 lm	26.2 W
R85MM.DM.927.xx.08	2700K - Ra90	1159 mm	-	4112 lm	31.2 W	1911 lm	35 W
R85MM.DM.927.xx.10	2700K - Ra90	1441 mm	-	5140 lm	39 W	2389 lm	43.7 W
R85MM.DM.927.xx.12	2700K - Ra90	1721 mm	-	6168 lm	46.8 W	2867 lm	52.5 W
R85MM.DM.927.xx.14	2700K - Ra90	2002 mm	-	7196 lm	54.6 W	3345 lm	61.2 W
R85MM.DM.927.xx.16	2700K - Ra90	2282 mm	-	8224 lm	62.4 W	3823 lm	69.9 W
R85MM.DM.927.xx.18	2700K - Ra90	2564 mm	-	9252 lm	70.2 W	4300 lm	78.7 W
R85MM.DM.927.xx.20	2700K - Ra90	2844 mm	-	10280 lm	78 W	4778 lm	87.4 W
R85MM.DM.927.xx.22	2700K - Ra90	3125 mm	-	11308 lm	85.8 W	5256 lm	96.2 W
R85MM.DM.927.xx.24	2700K - Ra90	3405 mm	-	12336 lm	93.6 W	5734 lm	104.9 W
R85MM.DM.927.xx.26	2700K - Ra90	3687 mm	1701 + 1982 mm	13364 lm	101.4 W	6212 lm	113.7 W
R85MM.DM.927.xx.28	2700K - Ra90	3968 mm	1982 + 1982 mm	14392 lm	109.2 W	6689 lm	122.4 W
R85MM.DM.927.xx.30	2700K - Ra90	4248 mm	1982 + 2262 mm	15420 lm	117 W	7167 lm	131.2 W
R85MM.DM.927.xx.32	2700K - Ra90	4528 mm	2262 + 2262 mm	16448 lm	124.8 W	7645 lm	139.9 W
R85MM.DM.927.xx.34	2700K - Ra90	4810 mm	2262 + 2544 mm	17476 lm	132.6 W	8123 lm	148.6 W
R85MM.DM.927.xx.36	2700K - Ra90	5091 mm	2544 + 2544 mm	18504 lm	140.4 W	8601 lm	157.4 W
R85MM.DM.927.xx.38	2700K - Ra90	5371 mm	2544 + 2824 mm	19532 lm	148.2 W	9078 lm	166.1 W
R85MM.DM.927.xx.40	2700K - Ra90	5653 mm	2544 + 3105 mm	20560 lm	156 W	9556 lm	174.9 W
R85MM.DM.927.xx.42	2700K - Ra90	5933 mm	2824 + 3105 mm	21588 lm	163.8 W	10034 lm	183.6 W
R85MM.DM.927.xx.44	2700K - Ra90	6214 mm	3105 + 3105 mm	22616 lm	171.6 W	10512 lm	192.4 W
R85MM.DM.927.xx.46	2700K - Ra90	6494 mm	3105 + 3385 mm	23644 lm	179.4 W	10990 lm	201.1 W
R85MM.DM.927.xx.48	2700K - Ra90	6774 mm	3385 + 3385 mm	24672 lm	187.2 W	11468 lm	209.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	69.8lm/W
Efficacy 4000K - Ra80	177.4lm/W	73.6lm/W
Efficacy 2700K - Ra90	131.8lm/W	54.6lm/W
Efficacy 3000K - Ra90	134lm/W	55.6lm/W
Efficacy 4000K - Ra90	141.1lm/W	58.5lm/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



Opal cover (standard)
R8500.00.000.xx.00



Prismatic cover (optional)
R8500.00.000.xx.00.P

Luminous flux for LEDliner 85 with prismatic cover (down only) is ca. 5.9% higher than with standard opal cover.
Please add ".P" to the article number for the prismatic cover version.

* 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.

LEDLiner85 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
R85MM.DM.930.xx.06	3000K - Ra90	879 mm	-	3132 lm	23.4 W	1457 lm	26.2 W
R85MM.DM.930.xx.07	3000K - Ra90	1021 mm	-	3654 lm	27.3 W	1700 lm	30.6 W
R85MM.DM.930.xx.08	3000K - Ra90	1159 mm	-	4176 lm	31.2 W	1943 lm	35 W
R85MM.DM.930.xx.09	3000K - Ra90	1301 mm	-	4698 lm	35.1 W	2186 lm	39.3 W
R85MM.DM.930.xx.10	3000K - Ra90	1441 mm	-	5220 lm	39 W	2429 lm	43.7
R85MM.DM.930.xx.11	3000K - Ra90	1583 mm	-	5742 lm	42.9 W	2671 lm	48.1 W
R85MM.DM.930.xx.12	3000K - Ra90	1721 mm	-	6264 lm	46.8 W	2914 lm	52.5 W
R85MM.DM.930.xx.13	3000K - Ra90	1863 mm	-	6786 lm	50.7 W	3157 lm	56.8 W
R85MM.DM.930.xx.14	3000K - Ra90	2002 mm	-	7308 lm	54.6 W	3400 lm	61.2 W
R85MM.DM.930.xx.15	3000K - Ra90	2144 mm	-	7830 lm	58.5 W	3643 lm	65.6 W
R85MM.DM.930.xx.16	3000K - Ra90	2282 mm	-	8352 lm	62.4 W	3886 lm	69.9 W
R85MM.DM.930.xx.17	3000K - Ra90	2424 mm	-	8874 lm	66.3 W	4129 lm	74.3 W
R85MM.DM.930.xx.18	3000K - Ra90	2564 mm	-	9396 lm	70.2 W	4371 lm	78.7 W
R85MM.DM.930.xx.19	3000K - Ra90	2706 mm	-	9918 lm	74.1 W	4614 lm	83.1 W
R85MM.DM.930.xx.20	3000K - Ra90	2844 mm	-	10440 lm	78 W	4857 lm	87.4 W
R85MM.DM.930.xx.21	3000K - Ra90	2986 mm	-	10962 lm	81.9 W	5100 lm	91.8 W
R85MM.DM.930.xx.22	3000K - Ra90	3125 mm	-	11484 lm	85.8 W	5343 lm	96.2 W
R85MM.DM.930.xx.23	3000K - Ra90	3267 mm	-	12006 lm	89.7 W	5586 lm	100.6 W
R85MM.DM.930.xx.24	3000K - Ra90	3405 mm	-	12528 lm	93.6 W	5829 lm	104.9 W
R85MM.DM.930.xx.25	3000K - Ra90	3548 mm	1701 + 1843 mm	13050 lm	97.5 W	6071 lm	109.3 W
R85MM.DM.930.xx.26	3000K - Ra90	3687 mm	1701 + 1982 mm	13572 lm	101.4 W	6314 lm	113.7 W
R85MM.DM.930.xx.27	3000K - Ra90	3829 mm	1843 + 1982 mm	14094 lm	105.3 W	6557 lm	118 W
R85MM.DM.930.xx.28	3000K - Ra90	3968 mm	1982 + 1982 mm	14616 lm	109.2 W	6800 lm	122.4 W
R85MM.DM.930.xx.29	3000K - Ra90	4110 mm	1982 + 2125 mm	15138 lm	113.1 W	7043 lm	126.8 W
R85MM.DM.930.xx.30	3000K - Ra90	4248 mm	1982 + 2262 mm	15660 lm	117 W	7286 lm	131.2 W
R85MM.DM.930.xx.31	3000K - Ra90	4390 mm	2125 + 2262 mm	16182 lm	120.9 W	7529 lm	135.5 W
R85MM.DM.930.xx.32	3000K - Ra90	4528 mm	2262 + 2262 mm	16704 lm	124.8 W	7771 lm	139.9 W
R85MM.DM.930.xx.33	3000K - Ra90	4670 mm	2262 + 2405 mm	17226 lm	128.7 W	8014 lm	144.3 W
R85MM.DM.930.xx.34	3000K - Ra90	4810 mm	2262 + 2544 mm	17748 lm	132.6 W	8257 lm	148.6 W
R85MM.DM.930.xx.35	3000K - Ra90	4952 mm	2405 + 2544 mm	18270 lm	136.5 W	8500 lm	153 W
R85MM.DM.930.xx.36	3000K - Ra90	5091 mm	2544 + 2544 mm	18792 lm	140.4 W	8743 lm	157.4 W
R85MM.DM.930.xx.37	3000K - Ra90	5233 mm	2544 + 2686 mm	19314 lm	144.3 W	8986 lm	161.8 W
R85MM.DM.930.xx.38	3000K - Ra90	5371 mm	2544 + 2824 mm	19836 lm	148.2 W	9229 lm	166.1 W
R85MM.DM.930.xx.39	3000K - Ra90	5513 mm	2544 + 2966 mm	20358 lm	152.1 W	9471 lm	170.5 W
R85MM.DM.930.xx.40	3000K - Ra90	5653 mm	2544 + 3105 mm	20880 lm	156 W	9714 lm	174.9 W
R85MM.DM.930.xx.41	3000K - Ra90	5795 mm	2544 + 3248 mm	21402 lm	159.9 W	9957 lm	179.2 W
R85MM.DM.930.xx.42	3000K - Ra90	5933 mm	2824 + 3105 mm	21924 lm	163.8 W	10200 lm	183.6 W
R85MM.DM.930.xx.43	3000K - Ra90	6075 mm	2966 + 3105 mm	22446 lm	167.7 W	10443 lm	188 W
R85MM.DM.930.xx.44	3000K - Ra90	6214 mm	3105 + 3105 mm	22968 lm	171.6 W	10686 lm	192.4 W
R85MM.DM.930.xx.45	3000K - Ra90	6356 mm	3105 + 3248 mm	23490 lm	175.5 W	10929 lm	196.7 W
R85MM.DM.930.xx.46	3000K - Ra90	6494 mm	3105 + 3385 mm	24012 lm	179.4 W	11171 lm	201.1 W
R85MM.DM.930.xx.47	3000K - Ra90	6636 mm	3248 + 3385 mm	24534 lm	183.3 W	11414 lm	205.5 W
R85MM.DM.930.xx.48	3000K - Ra90	6774 mm	3385 + 3385 mm	25056 lm	187.2 W	11657 lm	209.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	69.8lm/W
Efficacy 4000K - Ra80	177.4lm/W	73.6lm/W
Efficacy 2700K - Ra90	131.8lm/W	54.6lm/W
Efficacy 3000K - Ra90	134lm/W	55.6lm/W
Efficacy 4000K - Ra90	141.1lm/W	58.5lm/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



Opal cover (standard)
R8500.00.000.xx.00



Prismatic cover (optional)
R8500.00.000.xx.00.P

Luminous flux for LEDliner 85 with prismatic cover (down only) is ca. 5.9% higher than with standard opal cover.
Please add ".P" to the article number for the prismatic cover version.

* 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.

LEDLiner85 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
R85MM.DM.940.xx.06	4000K - Ra90	879 mm	-	3300 lm	23.4 W	1534 lm	26.2 W
R85MM.DM.940.xx.07	4000K - Ra90	1021 mm	-	3850 lm	27.3 W	1789 lm	30.6 W
R85MM.DM.940.xx.08	4000K - Ra90	1159 mm	-	4400 lm	31.2 W	2045 lm	35 W
R85MM.DM.940.xx.09	4000K - Ra90	1301 mm	-	4950 lm	35.1 W	2301 lm	39.3 W
R85MM.DM.940.xx.10	4000K - Ra90	1441 mm	-	5500 lm	39 W	2556 lm	43.7 W
R85MM.DM.940.xx.11	4000K - Ra90	1583 mm	-	6050 lm	42.9 W	2812 lm	48.1 W
R85MM.DM.940.xx.12	4000K - Ra90	1721 mm	-	6600 lm	46.8 W	3068 lm	52.5 W
R85MM.DM.940.xx.13	4000K - Ra90	1863 mm	-	7150 lm	50.7 W	3323 lm	56.8 W
R85MM.DM.940.xx.14	4000K - Ra90	2002 mm	-	7700 lm	54.6 W	3579 lm	61.2 W
R85MM.DM.940.xx.15	4000K - Ra90	2144 mm	-	8250 lm	58.5 W	3835 lm	65.6 W
R85MM.DM.940.xx.16	4000K - Ra90	2282 mm	-	8800 lm	62.4 W	4090 lm	69.9 W
R85MM.DM.940.xx.17	4000K - Ra90	2424 mm	-	9350 lm	66.3 W	4346 lm	74.3 W
R85MM.DM.940.xx.18	4000K - Ra90	2564 mm	-	9900 lm	70.2 W	4602 lm	78.7 W
R85MM.DM.940.xx.19	4000K - Ra90	2706 mm	-	10450 lm	74.1 W	4857 lm	83.1 W
R85MM.DM.940.xx.20	4000K - Ra90	2844 mm	-	11000 lm	78 W	5113 lm	87.4 W
R85MM.DM.940.xx.21	4000K - Ra90	2986 mm	-	11550 lm	81.9 W	5368 lm	91.8 W
R85MM.DM.940.xx.22	4000K - Ra90	3125 mm	-	12100 lm	85.8 W	5624 lm	96.2 W
R85MM.DM.940.xx.23	4000K - Ra90	3267 mm	-	12650 lm	89.7 W	5880 lm	100.6 W
R85MM.DM.940.xx.24	4000K - Ra90	3405 mm	-	13200 lm	93.6 W	6135 lm	104.9 W
R85MM.DM.940.xx.25	4000K - Ra90	3548 mm	1701 + 1843 mm	13750 lm	97.5 W	6391 lm	109.3 W
R85MM.DM.940.xx.26	4000K - Ra90	3687 mm	1701 + 1982 mm	14300 lm	101.4 W	6647 lm	113.7 W
R85MM.DM.940.xx.27	4000K - Ra90	3829 mm	1843 + 1982 mm	14850 lm	105.3 W	6902 lm	118 W
R85MM.DM.940.xx.28	4000K - Ra90	3968 mm	1982 + 1982 mm	15400 lm	109.2 W	7158 lm	122.4 W
R85MM.DM.940.xx.29	4000K - Ra90	4110 mm	1982 + 2125 mm	15950 lm	113.1 W	7414 lm	126.8 W
R85MM.DM.940.xx.30	4000K - Ra90	4248 mm	1982 + 2262 mm	16500 lm	117 W	7669 lm	131.2 W
R85MM.DM.940.xx.31	4000K - Ra90	4390 mm	2125 + 2262 mm	17050 lm	120.9 W	7925 lm	135.5 W
R85MM.DM.940.xx.32	4000K - Ra90	4528 mm	2262 + 2262 mm	17600 lm	124.8 W	8180 lm	139.9 W
R85MM.DM.940.xx.33	4000K - Ra90	4670 mm	2262 + 2405 mm	18150 lm	128.7 W	8436 lm	144.3 W
R85MM.DM.940.xx.34	4000K - Ra90	4810 mm	2262 + 2544 mm	18700 lm	132.6 W	8692 lm	148.6 W
R85MM.DM.940.xx.35	4000K - Ra90	4952 mm	2405 + 2544 mm	19250 lm	136.5 W	8947 lm	153 W
R85MM.DM.940.xx.36	4000K - Ra90	5091 mm	2544 + 2544 mm	19800 lm	140.4 W	9203 lm	157.4 W
R85MM.DM.940.xx.37	4000K - Ra90	5233 mm	2544 + 2686 mm	20350 lm	144.3 W	9459 lm	161.8 W
R85MM.DM.940.xx.38	4000K - Ra90	5371 mm	2544 + 2824 mm	20900 lm	148.2 W	9714 lm	166.1 W
R85MM.DM.940.xx.39	4000K - Ra90	5513 mm	2544 + 2966 mm	21450 lm	152.1 W	9970 lm	170.5 W
R85MM.DM.940.xx.40	4000K - Ra90	5653 mm	2544 + 3105 mm	22000 lm	156 W	10226 lm	174.9 W
R85MM.DM.940.xx.41	4000K - Ra90	5795 mm	2544 + 3248 mm	22550 lm	159.9 W	10481 lm	179.2 W
R85MM.DM.940.xx.42	4000K - Ra90	5933 mm	2824 + 3105 mm	23100 lm	163.8 W	10737 lm	183.6 W
R85MM.DM.940.xx.43	4000K - Ra90	6075 mm	2966 + 3105 mm	23650 lm	167.7 W	10992 lm	188 W
R85MM.DM.940.xx.44	4000K - Ra90	6214 mm	3105 + 3105 mm	24200 lm	171.6 W	11248 lm	192.4 W
R85MM.DM.940.xx.45	4000K - Ra90	6356 mm	3105 + 3248 mm	24750 lm	175.5 W	11504 lm	196.7 W
R85MM.DM.940.xx.46	4000K - Ra90	6494 mm	3105 + 3385 mm	25300 lm	179.4 W	11759 lm	201.1 W
R85MM.DM.940.xx.47	4000K - Ra90	6636 mm	3248 + 3385 mm	25850 lm	183.3 W	12015 lm	205.5 W
R85MM.DM.940.xx.48	4000K - Ra90	6774 mm	3385 + 3385 mm	26400 lm	187.2 W	12271 lm	209.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	69.8lm/W
Efficacy 4000K - Ra80	177.4lm/W	73.6lm/W
Efficacy 2700K - Ra90	131.8lm/W	54.6lm/W
Efficacy 3000K - Ra90	134lm/W	55.6lm/W
Efficacy 4000K - Ra90	141.1lm/W	58.5lm/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



Opal cover (standard)
R8500.00.000.xx.00



Prismatic cover (optional)
R8500.00.000.xx.00.P

Luminous flux for LEDliner 85 with prismatic cover (down only) is ca. 5.9% higher than with standard opal cover.
Please add ".P" to the article number for the prismatic cover version.

* 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

R85 = Ready To Go LEDLiner85

R85MM.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

Matt White Texture

Matt Black Texture

Matt Grey 9006 Text.

Matt Anthracite Text.

Other colors on request.

xx = Color Code

R8500.00.000.01.00

R8500.00.000.03.00

R8500.00.000.18.00

R8500.00.000.07.00

Size (Doxis reference)

LEDLiner85 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
R85MM.DM.830.xx.06	3000K - Ra80	879 mm	-	2x 3132 lm	2x 18.6 W	Down:1456lm - Up:2109lm	2x 20.9 W
R85MM.DM.830.xx.07	3000K - Ra80	1021 mm	-	2x 3654 lm	2x 21.7 W	Down:1698lm - Up:2461lm	2x 24.3 W
R85MM.DM.830.xx.08	3000K - Ra80	1159 mm	-	2x 4176 lm	2x 24.8 W	Down:1941lm - Up:2812lm	2x 27.8 W
R85MM.DM.830.xx.09	3000K - Ra80	1301 mm	-	2x 4698 lm	2x 27.9 W	Down:2184lm - Up:3164lm	2x 31.3 W
R85MM.DM.830.xx.10	3000K - Ra80	1441 mm	-	2x 5220 lm	2x 31 W	Down:2426lm - Up:3515lm	2x 34.8 W
R85MM.DM.830.xx.11	3000K - Ra80	1583 mm	-	2x 5742 lm	2x 34.1 W	Down:2669lm - Up:3867lm	2x 38.2 W
R85MM.DM.830.xx.12	3000K - Ra80	1721 mm	-	2x 6264 lm	2x 37.2 W	Down:2912lm - Up:4218lm	2x 41.7 W
R85MM.DM.830.xx.13	3000K - Ra80	1863 mm	-	2x 6786 lm	2x 40.3 W	Down:3154lm - Up:4570lm	2x 45.2 W
R85MM.DM.830.xx.14	3000K - Ra80	2002 mm	-	2x 7308 lm	2x 43.4 W	Down:3397lm - Up:4921lm	2x 48.7 W
R85MM.DM.830.xx.15	3000K - Ra80	2144 mm	-	2x 7830 lm	2x 46.5 W	Down:3639lm - Up:5273lm	2x 52.1 W
R85MM.DM.830.xx.16	3000K - Ra80	2282 mm	-	2x 8352 lm	2x 49.6 W	Down:3882lm - Up:5624lm	2x 55.6 W
R85MM.DM.830.xx.17	3000K - Ra80	2424 mm	-	2x 8874 lm	2x 52.7 W	Down:4125lm - Up:5976lm	2x 59.1 W
R85MM.DM.830.xx.18	3000K - Ra80	2564 mm	-	2x 9396 lm	2x 55.8 W	Down:4367lm - Up:6327lm	2x 62.6 W
R85MM.DM.830.xx.19	3000K - Ra80	2706 mm	-	2x 9918 lm	2x 58.9 W	Down:4610lm - Up:6679lm	2x 66 W
R85MM.DM.830.xx.20	3000K - Ra80	2844 mm	-	2x 10440 lm	2x 62 W	Down:4853lm - Up:7030lm	2x 69.5 W
R85MM.DM.830.xx.21	3000K - Ra80	2986 mm	-	2x 10962 lm	2x 65.1 W	Down:5095lm - Up:7382lm	2x 73 W
R85MM.DM.830.xx.22	3000K - Ra80	3125 mm	-	2x 11484 lm	2x 68.2 W	Down:5338lm - Up:7733lm	2x 76.5 W
R85MM.DM.830.xx.23	3000K - Ra80	3267 mm	-	2x 12006 lm	2x 71.3 W	Down:5580lm - Up:8085lm	2x 79.9 W
R85MM.DM.830.xx.24	3000K - Ra80	3405 mm	-	2x 12528 lm	2x 74.4 W	Down:5823lm - Up:8436lm	2x 83.4 W
R85MM.DM.830.xx.25	3000K - Ra80	3548 mm	1701 + 1843 mm	2x 13050 lm	2x 77.5 W	Down:6066lm - Up:8788lm	2x 86.9 W
R85MM.DM.830.xx.26	3000K - Ra80	3687 mm	1701 + 1982 mm	2x 13572 lm	2x 80.6 W	Down:6308lm - Up:9139lm	2x 90.4 W
R85MM.DM.830.xx.27	3000K - Ra80	3829 mm	1843 + 1982 mm	2x 14094 lm	2x 83.7 W	Down:6551lm - Up:9491lm	2x 93.8 W
R85MM.DM.830.xx.28	3000K - Ra80	3968 mm	1982 + 1982 mm	2x 14616 lm	2x 86.8 W	Down:6794lm - Up:9842lm	2x 97.3 W
R85MM.DM.830.xx.29	3000K - Ra80	4110 mm	1982 + 2125 mm	2x 15138 lm	2x 89.9 W	Down:7036lm - Up:10194lm	2x 100.8 W
R85MM.DM.830.xx.30	3000K - Ra80	4248 mm	1982 + 2262 mm	2x 15660 lm	2x 93 W	Down:7279lm - Up:10545lm	2x 104.3 W
R85MM.DM.830.xx.31	3000K - Ra80	4390 mm	2125 + 2262 mm	2x 16182 lm	2x 96.1 W	Down:7521lm - Up:10897lm	2x 107.7 W
R85MM.DM.830.xx.32	3000K - Ra80	4528 mm	2262 + 2262 mm	2x 16704 lm	2x 99.2 W	Down:7764lm - Up:11248lm	2x 111.2 W
R85MM.DM.830.xx.33	3000K - Ra80	4670 mm	2262 + 2405 mm	2x 17226 lm	2x 102.3 W	Down:8007lm - Up:11600lm	2x 114.7 W
R85MM.DM.830.xx.34	3000K - Ra80	4810 mm	2262 + 2544 mm	2x 17748 lm	2x 105.4 W	Down:8249lm - Up:11951lm	2x 118.2 W
R85MM.DM.830.xx.35	3000K - Ra80	4952 mm	2405 + 2544 mm	2x 18270 lm	2x 108.5 W	Down:8492lm - Up:12303lm	2x 121.6 W
R85MM.DM.830.xx.36	3000K - Ra80	5091 mm	2544 + 2544 mm	2x 18792 lm	2x 111.6 W	Down:8735lm - Up:12654lm	2x 125.1 W
R85MM.DM.830.xx.37	3000K - Ra80	5233 mm	2544 + 2686 mm	2x 19314 lm	2x 114.7 W	Down:8977lm - Up:13006lm	2x 128.6 W
R85MM.DM.830.xx.38	3000K - Ra80	5371 mm	2544 + 2824 mm	2x 19836 lm	2x 117.8 W	Down:9220lm - Up:13357lm	2x 132.1 W
R85MM.DM.830.xx.39	3000K - Ra80	5513 mm	2544 + 2966 mm	2x 20358 lm	2x 120.9 W	Down:9462lm - Up:13709lm	2x 135.5 W
R85MM.DM.830.xx.40	3000K - Ra80	5653 mm	2544 + 3105 mm	2x 20880 lm	2x 124 W	Down:9705lm - Up:14060lm	2x 139 W
R85MM.DM.830.xx.41	3000K - Ra80	5795 mm	2544 + 3248 mm	2x 21402 lm	2x 127.1 W	Down:9948lm - Up:14412lm	2x 142.5 W
R85MM.DM.830.xx.42	3000K - Ra80	5933 mm	2824 + 3105 mm	2x 21924 lm	2x 130.2 W	Down:10190lm - Up:14763lm	2x 146 W
R85MM.DM.830.xx.43	3000K - Ra80	6075 mm	2966 + 3105 mm	2x 22446 lm	2x 133.3 W	Down:10433lm - Up:15115lm	2x 149.4 W
R85MM.DM.830.xx.44	3000K - Ra80	6214 mm	3105 + 3105 mm	2x 22968 lm	2x 136.4 W	Down:10676lm - Up:15466lm	2x 152.9 W
R85MM.DM.830.xx.45	3000K - Ra80	6356 mm	3105 + 3248 mm	2x 23490 lm	2x 139.5 W	Down:10918lm - Up:15818lm	2x 156.4 W
R85MM.DM.830.xx.46	3000K - Ra80	6494 mm	3105 + 3385 mm	2x 24012 lm	2x 142.6 W	Down:11161lm - Up:16169lm	2x 159.9 W
R85MM.DM.830.xx.47	3000K - Ra80	6636 mm	3248 + 3385 mm	2x 24534 lm	2x 145.7 W	Down:11403lm - Up:16521lm	2x 163.3 W
R85MM.DM.830.xx.48	3000K - Ra80	6774 mm	3385 + 3385 mm	2x 25056 lm	2x 148.8 W	Down:11646lm - Up:16872lm	2x 166.8 W

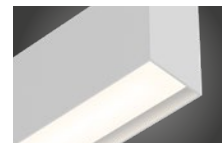
General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	85.5lm/W
Efficacy 4000K - Ra80	177.4lm/W	90.1lm/W
Efficacy 2700K - Ra90	131.8lm/W	66.9lm/W
Efficacy 3000K - Ra90	134lm/W	68lm/W
Efficacy 4000K - Ra90	141.1lm/W	71.6lm/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



Opal cover (standard)
R8500.00.000.xx.00



Prismatic cover (optional)
R8500.00.000.xx.00.P

Luminous flux for LEDliner 85 with prismatic cover (down only) is ca. 5.9% higher than with standard opal cover. Please add "P" to the article number for the prismatic cover version.

* 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.

LEDLiner85 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
R85MM.DM.840.xx.06	4000K - Ra80	879 mm	-	2x 3300 lm	2x 18.6 W	Down:1534lm - Up:2222lm	2x 20.9 W
R85MM.DM.840.xx.07	4000K - Ra80	1021 mm	-	2x 3850 lm	2x 21.7 W	Down:1789lm - Up:2592lm	2x 24.3 W
R85MM.DM.840.xx.08	4000K - Ra80	1159 mm	-	2x 4400 lm	2x 24.8 W	Down:2045lm - Up:2963lm	2x 27.8 W
R85MM.DM.840.xx.09	4000K - Ra80	1301 mm	-	2x 4950 lm	2x 27.9 W	Down:2301lm - Up:3333lm	2x 31.3 W
R85MM.DM.840.xx.10	4000K - Ra80	1441 mm	-	2x 5500 lm	2x 31 W	Down:2556lm - Up:3704lm	2x 34.8 W
R85MM.DM.840.xx.11	4000K - Ra80	1583 mm	-	2x 6050 lm	2x 34.1 W	Down:2812lm - Up:4074lm	2x 38.2 W
R85MM.DM.840.xx.12	4000K - Ra80	1721 mm	-	2x 6600 lm	2x 37.2 W	Down:3068lm - Up:4444lm	2x 41.7 W
R85MM.DM.840.xx.13	4000K - Ra80	1863 mm	-	2x 7150 lm	2x 40.3 W	Down:3323lm - Up:4815lm	2x 45.2 W
R85MM.DM.840.xx.14	4000K - Ra80	2002 mm	-	2x 7700 lm	2x 43.4 W	Down:3579lm - Up:5185lm	2x 48.7 W
R85MM.DM.840.xx.15	4000K - Ra80	2144 mm	-	2x 8250 lm	2x 46.5 W	Down:3835lm - Up:5555lm	2x 52.1 W
R85MM.DM.840.xx.16	4000K - Ra80	2282 mm	-	2x 8800 lm	2x 49.6 W	Down:4090lm - Up:5926lm	2x 55.6 W
R85MM.DM.840.xx.17	4000K - Ra80	2424 mm	-	2x 9350 lm	2x 52.7 W	Down:4346lm - Up:6296lm	2x 59.1 W
R85MM.DM.840.xx.18	4000K - Ra80	2564 mm	-	2x 9900 lm	2x 55.8 W	Down:4602lm - Up:6666lm	2x 62.6 W
R85MM.DM.840.xx.19	4000K - Ra80	2706 mm	-	2x 10450 lm	2x 58.9 W	Down:4857lm - Up:7037lm	2x 66 W
R85MM.DM.840.xx.20	4000K - Ra80	2844 mm	-	2x 11000 lm	2x 62 W	Down:5113lm - Up:7407lm	2x 69.5 W
R85MM.DM.840.xx.21	4000K - Ra80	2986 mm	-	2x 11550 lm	2x 65.1 W	Down:5368lm - Up:7777lm	2x 73 W
R85MM.DM.840.xx.22	4000K - Ra80	3125 mm	-	2x 12100 lm	2x 68.2 W	Down:5624lm - Up:8148lm	2x 76.5 W
R85MM.DM.840.xx.23	4000K - Ra80	3267 mm	-	2x 12650 lm	2x 71.3 W	Down:5880lm - Up:8518lm	2x 79.9 W
R85MM.DM.840.xx.24	4000K - Ra80	3405 mm	-	2x 13200 lm	2x 74.4 W	Down:6135lm - Up:8889lm	2x 83.4 W
R85MM.DM.840.xx.25	4000K - Ra80	3548 mm	1701 + 1843 mm	2x 13750 lm	2x 77.5 W	Down:6391lm - Up:9259lm	2x 86.9 W
R85MM.DM.840.xx.26	4000K - Ra80	3687 mm	1701 + 1982 mm	2x 14300 lm	2x 80.6 W	Down:6647lm - Up:9629lm	2x 90.4 W
R85MM.DM.840.xx.27	4000K - Ra80	3829 mm	1843 + 1982 mm	2x 14850 lm	2x 83.7 W	Down:6902lm - Up:10000lm	2x 93.8 W
R85MM.DM.840.xx.28	4000K - Ra80	3968 mm	1982 + 1982 mm	2x 15400 lm	2x 86.8 W	Down:7158lm - Up:10370lm	2x 97.3 W
R85MM.DM.840.xx.29	4000K - Ra80	4110 mm	1982 + 2125 mm	2x 15950 lm	2x 89.9 W	Down:7414lm - Up:10740lm	2x 100.8 W
R85MM.DM.840.xx.30	4000K - Ra80	4248 mm	1982 + 2262 mm	2x 16500 lm	2x 93 W	Down:7669lm - Up:11111lm	2x 104.3 W
R85MM.DM.840.xx.31	4000K - Ra80	4390 mm	2125 + 2262 mm	2x 17050 lm	2x 96.1 W	Down:7925lm - Up:11481lm	2x 107.7 W
R85MM.DM.840.xx.32	4000K - Ra80	4528 mm	2262 + 2262 mm	2x 17600 lm	2x 99.2 W	Down:8180lm - Up:11851lm	2x 111.2 W
R85MM.DM.840.xx.33	4000K - Ra80	4670 mm	2262 + 2405 mm	2x 18150 lm	2x 102.3 W	Down:8436lm - Up:12222lm	2x 114.7 W
R85MM.DM.840.xx.34	4000K - Ra80	4810 mm	2262 + 2544 mm	2x 18700 lm	2x 105.4 W	Down:8692lm - Up:12592lm	2x 118.2 W
R85MM.DM.840.xx.35	4000K - Ra80	4952 mm	2405 + 2544 mm	2x 19250 lm	2x 108.5 W	Down:8947lm - Up:12962lm	2x 121.6 W
R85MM.DM.840.xx.36	4000K - Ra80	5091 mm	2544 + 2544 mm	2x 19800 lm	2x 111.6 W	Down:9203lm - Up:13333lm	2x 125.1 W
R85MM.DM.840.xx.37	4000K - Ra80	5233 mm	2544 + 2686 mm	2x 20350 lm	2x 114.7 W	Down:9459lm - Up:13703lm	2x 128.6 W
R85MM.DM.840.xx.38	4000K - Ra80	5371 mm	2544 + 2824 mm	2x 20900 lm	2x 117.8 W	Down:9714lm - Up:14073lm	2x 132.1 W
R85MM.DM.840.xx.39	4000K - Ra80	5513 mm	2544 + 2966 mm	2x 21450 lm	2x 120.9 W	Down:9970lm - Up:14444lm	2x 135.5 W
R85MM.DM.840.xx.40	4000K - Ra80	5653 mm	2544 + 3105 mm	2x 22000 lm	2x 124 W	Down:10226lm - Up:14814lm	2x 139 W
R85MM.DM.840.xx.41	4000K - Ra80	5795 mm	2544 + 3248 mm	2x 22550 lm	2x 127.1 W	Down:10481lm - Up:15185lm	2x 142.5 W
R85MM.DM.840.xx.42	4000K - Ra80	5933 mm	2824 + 3105 mm	2x 23100 lm	2x 130.2 W	Down:10737lm - Up:15555lm	2x 146 W
R85MM.DM.840.xx.43	4000K - Ra80	6075 mm	2966 + 3105 mm	2x 23650 lm	2x 133.3 W	Down:10992lm - Up:15925lm	2x 149.4 W
R85MM.DM.840.xx.44	4000K - Ra80	6214 mm	3105 + 3105 mm	2x 24200 lm	2x 136.4 W	Down:11248lm - Up:16296lm	2x 152.9 W
R85MM.DM.840.xx.45	4000K - Ra80	6356 mm	3105 + 3248 mm	2x 24750 lm	2x 139.5 W	Down:11504lm - Up:16666lm	2x 156.4 W
R85MM.DM.840.xx.46	4000K - Ra80	6494 mm	3105 + 3385 mm	2x 25300 lm	2x 142.6 W	Down:11759lm - Up:17036lm	2x 159.9 W
R85MM.DM.840.xx.47	4000K - Ra80	6636 mm	3248 + 3385 mm	2x 25850 lm	2x 145.7 W	Down:12015lm - Up:17407lm	2x 163.3 W
R85MM.DM.840.xx.48	4000K - Ra80	6774 mm	3385 + 3385 mm	2x 26400 lm	2x 148.8 W	Down:12271lm - Up:17777lm	2x 166.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	85.5lm/W
Efficacy 4000K - Ra80	177.4lm/W	90.1lm/W
Efficacy 2700K - Ra90	131.8lm/W	66.9lm/W
Efficacy 3000K - Ra90	134lm/W	68lm/W
Efficacy 4000K - Ra90	141.1lm/W	71.6lm/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



Opal cover (standard)
R8500.00.000.xx.00



Prismatic cover (optional)
R8500.00.000.xx.00.P

Luminous flux for LEDliner 85 with prismatic cover (down only) is ca. 5.9% higher than with standard opal cover.
Please add ".P" to the article number for the prismatic cover version.

* 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.

LEDLiner85 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
R85MM.DM.927.xx.06	2700K - Ra90	879 mm	-	2x 3084 lm	2x 23.4 W	Down:1433lm - Up:2077lm	2x 26.2 W
R85MM.DM.927.xx.08	2700K - Ra90	1159 mm	-	2x 4112 lm	2x 31.2 W	Down:1911lm - Up:2769lm	2x 35 W
R85MM.DM.927.xx.10	2700K - Ra90	1441 mm	-	2x 5140 lm	2x 39 W	Down:2389lm - Up:3461lm	2x 43.7 W
R85MM.DM.927.xx.12	2700K - Ra90	1721 mm	-	2x 6168 lm	2x 46.8 W	Down:2867lm - Up:4153lm	2x 52.5 W
R85MM.DM.927.xx.14	2700K - Ra90	2002 mm	-	2x 7196 lm	2x 54.6 W	Down:3345lm - Up:4846lm	2x 61.2 W
R85MM.DM.927.xx.16	2700K - Ra90	2282 mm	-	2x 8224 lm	2x 62.4 W	Down:3823lm - Up:5538lm	2x 69.9 W
R85MM.DM.927.xx.18	2700K - Ra90	2564 mm	-	2x 9252 lm	2x 70.2 W	Down:4300lm - Up:6230lm	2x 78.7 W
R85MM.DM.927.xx.20	2700K - Ra90	2844 mm	-	2x 10280 lm	2x 78 W	Down:4778lm - Up:6922lm	2x 87.4 W
R85MM.DM.927.xx.22	2700K - Ra90	3125 mm	-	2x 11308 lm	2x 85.8 W	Down:5256lm - Up:7614lm	2x 96.2 W
R85MM.DM.927.xx.24	2700K - Ra90	3405 mm	-	2x 12336 lm	2x 93.6 W	Down:5734lm - Up:8307lm	2x 104.9 W
R85MM.DM.927.xx.26	2700K - Ra90	3687 mm	1701 + 1982 mm	2x 13364 lm	2x 101.4 W	Down:6212lm - Up:8999lm	2x 113.7 W
R85MM.DM.927.xx.28	2700K - Ra90	3968 mm	1982 + 1982 mm	2x 14392 lm	2x 109.2 W	Down:6689lm - Up:9691lm	2x 122.4 W
R85MM.DM.927.xx.30	2700K - Ra90	4248 mm	1982 + 2262 mm	2x 15420 lm	2x 117 W	Down:7167lm - Up:10383lm	2x 131.2 W
R85MM.DM.927.xx.32	2700K - Ra90	4528 mm	2262 + 2262 mm	2x 16448 lm	2x 124.8 W	Down:7645lm - Up:11076lm	2x 139.9 W
R85MM.DM.927.xx.34	2700K - Ra90	4810 mm	2262 + 2544 mm	2x 17476 lm	2x 132.6 W	Down:8123lm - Up:11768lm	2x 148.6 W
R85MM.DM.927.xx.36	2700K - Ra90	5091 mm	2544 + 2544 mm	2x 18504 lm	2x 140.4 W	Down:8601lm - Up:12460lm	2x 157.4 W
R85MM.DM.927.xx.38	2700K - Ra90	5371 mm	2544 + 2824 mm	2x 19532 lm	2x 148.2 W	Down:9078lm - Up:13152lm	2x 166.1 W
R85MM.DM.927.xx.40	2700K - Ra90	5653 mm	2544 + 3105 mm	2x 20560 lm	2x 156 W	Down:9556lm - Up:13845lm	2x 174.9 W
R85MM.DM.927.xx.42	2700K - Ra90	5933 mm	2824 + 3105 mm	2x 21588 lm	2x 163.8 W	Down:10034lm - Up:14537lm	2x 183.6 W
R85MM.DM.927.xx.44	2700K - Ra90	6214 mm	3105 + 3105 mm	2x 22616 lm	2x 171.6 W	Down:10512lm - Up:15229lm	2x 192.4 W
R85MM.DM.927.xx.46	2700K - Ra90	6494 mm	3105 + 3385 mm	2x 23644 lm	2x 179.4 W	Down:10990lm - Up:15921lm	2x 201.1 W
R85MM.DM.927.xx.48	2700K - Ra90	6774 mm	3385 + 3385 mm	2x 24672 lm	2x 187.2 W	Down:11468lm - Up:16613lm	2x 209.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	85.5lm/W
Efficacy 4000K - Ra80	177.4lm/W	90.1lm/W
Efficacy 2700K - Ra90	131.8lm/W	66.9lm/W
Efficacy 3000K - Ra90	134lm/W	68lm/W
Efficacy 4000K - Ra90	141.1lm/W	71.6lm/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



Opal cover (standard)
R8500.00.000.xx.00



Prismatic cover (optional)
R8500.00.000.xx.00.P

Luminous flux for LEDliner 85 with prismatic cover (down only) is ca. 5.9% higher than with standard opal cover.
Please add ".P" to the article number for the prismatic cover version.

* 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.

LEDLiner85 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
R85MM.DM.930.xx.06	3000K - Ra90	879 mm	-	2x 3132 lm	2x 23.4 W	Down:1457lm - Up:2111lm	2x 26.2 W
R85MM.DM.930.xx.07	3000K - Ra90	1021 mm	-	2x 3654 lm	2x 27.3 W	Down:1700lm - Up:2463lm	2x 30.6 W
R85MM.DM.930.xx.08	3000K - Ra90	1159 mm	-	2x 4176 lm	2x 31.2 W	Down:1943lm - Up:2815lm	2x 35 W
R85MM.DM.930.xx.09	3000K - Ra90	1301 mm	-	2x 4698 lm	2x 35.1 W	Down:2186lm - Up:3167lm	2x 39.3 W
R85MM.DM.930.xx.10	3000K - Ra90	1441 mm	-	2x 5220 lm	2x 39 W	Down:2429lm - Up:3518lm	2x 43.7
R85MM.DM.930.xx.11	3000K - Ra90	1583 mm	-	2x 5742 lm	2x 42.9 W	Down:2671lm - Up:3870lm	2x 48.1 W
R85MM.DM.930.xx.12	3000K - Ra90	1721 mm	-	2x 6264 lm	2x 46.8 W	Down:2914lm - Up:4222lm	2x 52.5 W
R85MM.DM.930.xx.13	3000K - Ra90	1863 mm	-	2x 6786 lm	2x 50.7 W	Down:3157lm - Up:4574lm	2x 56.8 W
R85MM.DM.930.xx.14	3000K - Ra90	2002 mm	-	2x 7308 lm	2x 54.6 W	Down:3400lm - Up:4926lm	2x 61.2 W
R85MM.DM.930.xx.15	3000K - Ra90	2144 mm	-	2x 7830 lm	2x 58.5 W	Down:3643lm - Up:5278lm	2x 65.6 W
R85MM.DM.930.xx.16	3000K - Ra90	2282 mm	-	2x 8352 lm	2x 62.4 W	Down:3886lm - Up:5629lm	2x 69.9 W
R85MM.DM.930.xx.17	3000K - Ra90	2424 mm	-	2x 8874 lm	2x 66.3 W	Down:4129lm - Up:5981lm	2x 74.3 W
R85MM.DM.930.xx.18	3000K - Ra90	2564 mm	-	2x 9396 lm	2x 70.2 W	Down:4371lm - Up:6333lm	2x 78.7 W
R85MM.DM.930.xx.19	3000K - Ra90	2706 mm	-	2x 9918 lm	2x 74.1 W	Down:4614lm - Up:6685lm	2x 83.1 W
R85MM.DM.930.xx.20	3000K - Ra90	2844 mm	-	2x 10440 lm	2x 78 W	Down:4857lm - Up:7037lm	2x 87.4 W
R85MM.DM.930.xx.21	3000K - Ra90	2986 mm	-	2x 10962 lm	2x 81.9 W	Down:5100lm - Up:7389lm	2x 91.8 W
R85MM.DM.930.xx.22	3000K - Ra90	3125 mm	-	2x 11484 lm	2x 85.8 W	Down:5343lm - Up:7740lm	2x 96.2 W
R85MM.DM.930.xx.23	3000K - Ra90	3267 mm	-	2x 12006 lm	2x 89.7 W	Down:5586lm - Up:8092lm	2x 100.6 W
R85MM.DM.930.xx.24	3000K - Ra90	3405 mm	-	2x 12528 lm	2x 93.6 W	Down:5829lm - Up:8444lm	2x 104.9 W
R85MM.DM.930.xx.25	3000K - Ra90	3548 mm	1701 + 1843 mm	2x 13050 lm	2x 97.5 W	Down:6071lm - Up:8796lm	2x 109.3 W
R85MM.DM.930.xx.26	3000K - Ra90	3687 mm	1701 + 1982 mm	2x 13572 lm	2x 101.4 W	Down:6314lm - Up:9148lm	2x 113.7 W
R85MM.DM.930.xx.27	3000K - Ra90	3829 mm	1843 + 1982 mm	2x 14094 lm	2x 105.3 W	Down:6557lm - Up:9500lm	2x 118 W
R85MM.DM.930.xx.28	3000K - Ra90	3968 mm	1982 + 1982 mm	2x 14616 lm	2x 109.2 W	Down:6800lm - Up:9851lm	2x 122.4 W
R85MM.DM.930.xx.29	3000K - Ra90	4110 mm	1982 + 2125 mm	2x 15138 lm	2x 113.1 W	Down:7043lm - Up:10203lm	2x 126.8 W
R85MM.DM.930.xx.30	3000K - Ra90	4248 mm	1982 + 2262 mm	2x 15660 lm	2x 117 W	Down:7286lm - Up:10555lm	2x 131.2 W
R85MM.DM.930.xx.31	3000K - Ra90	4390 mm	2125 + 2262 mm	2x 16182 lm	2x 120.9 W	Down:7529lm - Up:10907lm	2x 135.5 W
R85MM.DM.930.xx.32	3000K - Ra90	4528 mm	2262 + 2262 mm	2x 16704 lm	2x 124.8 W	Down:7771lm - Up:11259lm	2x 139.9 W
R85MM.DM.930.xx.33	3000K - Ra90	4670 mm	2262 + 2405 mm	2x 17226 lm	2x 128.7 W	Down:8014lm - Up:11611lm	2x 144.3 W
R85MM.DM.930.xx.34	3000K - Ra90	4810 mm	2262 + 2544 mm	2x 17748 lm	2x 132.6 W	Down:8257lm - Up:11962lm	2x 148.6 W
R85MM.DM.930.xx.35	3000K - Ra90	4952 mm	2405 + 2544 mm	2x 18270 lm	2x 136.5 W	Down:8500lm - Up:12314lm	2x 153 W
R85MM.DM.930.xx.36	3000K - Ra90	5091 mm	2544 + 2544 mm	2x 18792 lm	2x 140.4 W	Down:8743lm - Up:12666lm	2x 157.4 W
R85MM.DM.930.xx.37	3000K - Ra90	5233 mm	2544 + 2686 mm	2x 19314 lm	2x 144.3 W	Down:8986lm - Up:13018lm	2x 161.8 W
R85MM.DM.930.xx.38	3000K - Ra90	5371 mm	2544 + 2824 mm	2x 19836 lm	2x 148.2 W	Down:9229lm - Up:13370lm	2x 166.1 W
R85MM.DM.930.xx.39	3000K - Ra90	5513 mm	2544 + 2966 mm	2x 20358 lm	2x 152.1 W	Down:9471lm - Up:13722lm	2x 170.5 W
R85MM.DM.930.xx.40	3000K - Ra90	5653 mm	2544 + 3105 mm	2x 20880 lm	2x 156 W	Down:9714lm - Up:14073lm	2x 174.9 W
R85MM.DM.930.xx.41	3000K - Ra90	5795 mm	2544 + 3248 mm	2x 21402 lm	2x 159.9 W	Down:9957lm - Up:14425lm	2x 179.2 W
R85MM.DM.930.xx.42	3000K - Ra90	5933 mm	2824 + 3105 mm	2x 21924 lm	2x 163.8 W	Down:10200lm - Up:14777lm	2x 183.6 W
R85MM.DM.930.xx.43	3000K - Ra90	6075 mm	2966 + 3105 mm	2x 22446 lm	2x 167.7 W	Down:10443lm - Up:15129lm	2x 188 W
R85MM.DM.930.xx.44	3000K - Ra90	6214 mm	3105 + 3105 mm	2x 22968 lm	2x 171.6 W	Down:10686lm - Up:15481lm	2x 192.4 W
R85MM.DM.930.xx.45	3000K - Ra90	6356 mm	3105 + 3248 mm	2x 23490 lm	2x 175.5 W	Down:10929lm - Up:15833lm	2x 196.7 W
R85MM.DM.930.xx.46	3000K - Ra90	6494 mm	3105 + 3385 mm	2x 24012 lm	2x 179.4 W	Down:11171lm - Up:16184lm	2x 201.1 W
R85MM.DM.930.xx.47	3000K - Ra90	6636 mm	3248 + 3385 mm	2x 24534 lm	2x 183.3 W	Down:11414lm - Up:16536lm	2x 205.5 W
R85MM.DM.930.xx.48	3000K - Ra90	6774 mm	3385 + 3385 mm	2x 25056 lm	2x 187.2 W	Down:11657lm - Up:16888lm	2x 209.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	85.5lm/W
Efficacy 4000K - Ra80	177.4lm/W	90.1lm/W
Efficacy 2700K - Ra90	131.8lm/W	66.9lm/W
Efficacy 3000K - Ra90	134lm/W	68lm/W
Efficacy 4000K - Ra90	141.1lm/W	71.6lm/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



Opal cover (standard)
R8500.00.000.xx.00



Prismatic cover (optional)
R8500.00.000.xx.00.P

Luminous flux for LEDliner 85 with prismatic cover (down only) is ca. 5.9% higher than with standard opal cover.
Please add ".P" to the article number for the prismatic cover version.

* 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.

LEDLiner85 Up&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
R85MM.DM.940.xx.06	4000K - Ra90	879 mm	-	2x 3300 lm	2x 23.4 W	Down:1534lm - Up:2222lm	2x 26.2 W
R85MM.DM.940.xx.07	4000K - Ra90	1021 mm	-	2x 3850 lm	2x 27.3 W	Down:1789lm - Up:2592lm	2x 30.6 W
R85MM.DM.940.xx.08	4000K - Ra90	1159 mm	-	2x 4400 lm	2x 31.2 W	Down:2045lm - Up:2963lm	2x 35 W
R85MM.DM.940.xx.09	4000K - Ra90	1301 mm	-	2x 4950 lm	2x 35.1 W	Down:2301lm - Up:3333lm	2x 39.3 W
R85MM.DM.940.xx.10	4000K - Ra90	1441 mm	-	2x 5500 lm	2x 39 W	Down:2556lm - Up:3704lm	2x 43.7 W
R85MM.DM.940.xx.11	4000K - Ra90	1583 mm	-	2x 6050 lm	2x 42.9 W	Down:2812lm - Up:4074lm	2x 48.1 W
R85MM.DM.940.xx.12	4000K - Ra90	1721 mm	-	2x 6600 lm	2x 46.8 W	Down:3068lm - Up:4444lm	2x 52.5 W
R85MM.DM.940.xx.13	4000K - Ra90	1863 mm	-	2x 7150 lm	2x 50.7 W	Down:3323lm - Up:4815lm	2x 56.8 W
R85MM.DM.940.xx.14	4000K - Ra90	2002 mm	-	2x 7700 lm	2x 54.6 W	Down:3579lm - Up:5185lm	2x 61.2 W
R85MM.DM.940.xx.15	4000K - Ra90	2144 mm	-	2x 8250 lm	2x 58.5 W	Down:3835lm - Up:5555lm	2x 65.6 W
R85MM.DM.940.xx.16	4000K - Ra90	2282 mm	-	2x 8800 lm	2x 62.4 W	Down:4090lm - Up:5926lm	2x 69.9 W
R85MM.DM.940.xx.17	4000K - Ra90	2424 mm	-	2x 9350 lm	2x 66.3 W	Down:4346lm - Up:6296lm	2x 74.3 W
R85MM.DM.940.xx.18	4000K - Ra90	2564 mm	-	2x 9900 lm	2x 70.2 W	Down:4602lm - Up:6666lm	2x 78.7 W
R85MM.DM.940.xx.19	4000K - Ra90	2706 mm	-	2x 10450 lm	2x 74.1 W	Down:4857lm - Up:7037lm	2x 83.1 W
R85MM.DM.940.xx.20	4000K - Ra90	2844 mm	-	2x 11000 lm	2x 78 W	Down:5113lm - Up:7407lm	2x 87.4 W
R85MM.DM.940.xx.21	4000K - Ra90	2986 mm	-	2x 11550 lm	2x 81.9 W	Down:5368lm - Up:7777lm	2x 91.8 W
R85MM.DM.940.xx.22	4000K - Ra90	3125 mm	-	2x 12100 lm	2x 85.8 W	Down:5624lm - Up:8148lm	2x 96.2 W
R85MM.DM.940.xx.23	4000K - Ra90	3267 mm	-	2x 12650 lm	2x 89.7 W	Down:5880lm - Up:8518lm	2x 100.6 W
R85MM.DM.940.xx.24	4000K - Ra90	3405 mm	-	2x 13200 lm	2x 93.6 W	Down:6135lm - Up:8889lm	2x 104.9 W
R85MM.DM.940.xx.25	4000K - Ra90	3548 mm	1701 + 1843 mm	2x 13750 lm	2x 97.5 W	Down:6391lm - Up:9259lm	2x 109.3 W
R85MM.DM.940.xx.26	4000K - Ra90	3687 mm	1701 + 1982 mm	2x 14300 lm	2x 101.4 W	Down:6647lm - Up:9629lm	2x 113.7 W
R85MM.DM.940.xx.27	4000K - Ra90	3829 mm	1843 + 1982 mm	2x 14850 lm	2x 105.3 W	Down:6902lm - Up:10000lm	2x 118 W
R85MM.DM.940.xx.28	4000K - Ra90	3968 mm	1982 + 1982 mm	2x 15400 lm	2x 109.2 W	Down:7158lm - Up:10370lm	2x 122.4 W
R85MM.DM.940.xx.29	4000K - Ra90	4110 mm	1982 + 2125 mm	2x 15950 lm	2x 113.1 W	Down:7414lm - Up:10740lm	2x 126.8 W
R85MM.DM.940.xx.30	4000K - Ra90	4248 mm	1982 + 2262 mm	2x 16500 lm	2x 117 W	Down:7669lm - Up:11111lm	2x 131.2 W
R85MM.DM.940.xx.31	4000K - Ra90	4390 mm	2125 + 2262 mm	2x 17050 lm	2x 120.9 W	Down:7925lm - Up:11481lm	2x 135.5 W
R85MM.DM.940.xx.32	4000K - Ra90	4528 mm	2262 + 2262 mm	2x 17600 lm	2x 124.8 W	Down:8180lm - Up:11851lm	2x 139.9 W
R85MM.DM.940.xx.33	4000K - Ra90	4670 mm	2262 + 2405 mm	2x 18150 lm	2x 128.7 W	Down:8436lm - Up:12222lm	2x 144.3 W
R85MM.DM.940.xx.34	4000K - Ra90	4810 mm	2262 + 2544 mm	2x 18700 lm	2x 132.6 W	Down:8692lm - Up:12592lm	2x 148.6 W
R85MM.DM.940.xx.35	4000K - Ra90	4952 mm	2405 + 2544 mm	2x 19250 lm	2x 136.5 W	Down:8947lm - Up:12962lm	2x 153 W
R85MM.DM.940.xx.36	4000K - Ra90	5091 mm	2544 + 2544 mm	2x 19800 lm	2x 140.4 W	Down:9203lm - Up:13333lm	2x 157.4 W
R85MM.DM.940.xx.37	4000K - Ra90	5233 mm	2544 + 2686 mm	2x 20350 lm	2x 144.3 W	Down:9459lm - Up:13703lm	2x 161.8 W
R85MM.DM.940.xx.38	4000K - Ra90	5371 mm	2544 + 2824 mm	2x 20900 lm	2x 148.2 W	Down:9714lm - Up:14073lm	2x 166.1 W
R85MM.DM.940.xx.39	4000K - Ra90	5513 mm	2544 + 2966 mm	2x 21450 lm	2x 152.1 W	Down:9970lm - Up:14444lm	2x 170.5 W
R85MM.DM.940.xx.40	4000K - Ra90	5653 mm	2544 + 3105 mm	2x 22000 lm	2x 156 W	Down:10226lm - Up:14814lm	2x 174.9 W
R85MM.DM.940.xx.41	4000K - Ra90	5795 mm	2544 + 3248 mm	2x 22550 lm	2x 159.9 W	Down:10481lm - Up:15185lm	2x 179.2 W
R85MM.DM.940.xx.42	4000K - Ra90	5933 mm	2824 + 3105 mm	2x 23100 lm	2x 163.8 W	Down:10737lm - Up:15555lm	2x 183.6 W
R85MM.DM.940.xx.43	4000K - Ra90	6075 mm	2966 + 3105 mm	2x 23650 lm	2x 167.7 W	Down:10992lm - Up:15925lm	2x 188 W
R85MM.DM.940.xx.44	4000K - Ra90	6214 mm	3105 + 3105 mm	2x 24200 lm	2x 171.6 W	Down:11248lm - Up:16296lm	2x 192.4 W
R85MM.DM.940.xx.45	4000K - Ra90	6356 mm	3105 + 3248 mm	2x 24750 lm	2x 175.5 W	Down:11504lm - Up:16666lm	2x 196.7 W
R85MM.DM.940.xx.46	4000K - Ra90	6494 mm	3105 + 3385 mm	2x 25300 lm	2x 179.4 W	Down:11759lm - Up:17036lm	2x 201.1 W
R85MM.DM.940.xx.47	4000K - Ra90	6636 mm	3248 + 3385 mm	2x 25850 lm	2x 183.3 W	Down:12015lm - Up:17407lm	2x 205.5 W
R85MM.DM.940.xx.48	4000K - Ra90	6774 mm	3385 + 3385 mm	2x 26400 lm	2x 187.2 W	Down:12271lm - Up:17777lm	2x 209.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	85.5lm/W
Efficacy 4000K - Ra80	177.4lm/W	90.1lm/W
Efficacy 2700K - Ra90	131.8lm/W	66.9lm/W
Efficacy 3000K - Ra90	134lm/W	68lm/W
Efficacy 4000K - Ra90	141.1lm/W	71.6lm/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



Opal cover (standard)
R8500.00.000.xx.00



Prismatic cover (optional)
R8500.00.000.xx.00.P

Luminous flux for LEDliner 85 with prismatic cover (down only) is ca. 5.9% higher than with standard opal cover.
Please add ".P" to the article number for the prismatic cover version.

* 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.

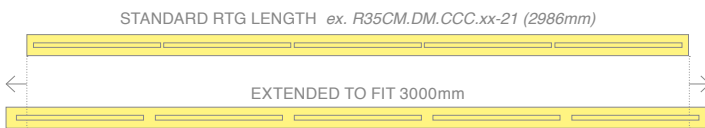
Below, we have made an [example](#) on how to order:

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	

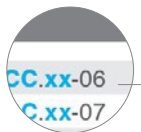


Trimless Connecting Box Ø80mm

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



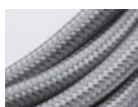
Suspension + White Textile Cable Supply 4000mm

	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



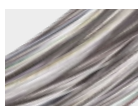
Suspension + Black Textile Cable Supply 4000mm

	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.



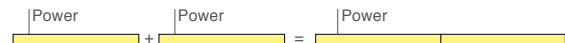
LL85 Connectors

90°
180°
Custom made

2182.00.00
2183.00.00
2184.00.00

When joining your Ready To Go profiles with a 90° connector, take into consideration that both your joined profile lengths will be extended by **38mm** 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).

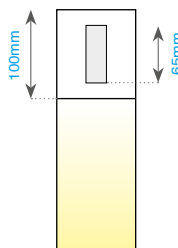
Please apply the correct light output ratio (mentioned on page 66 of our Ready To Go-catalogue) for a more precise estimation of the luminous flux in emergency mode for a specific luminaire.

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

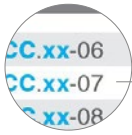
(Min. length of profile: 1100mm, starting at ref. 08)

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

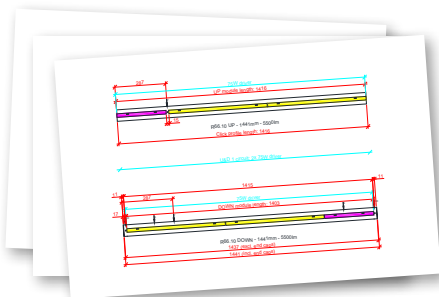
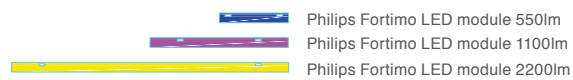
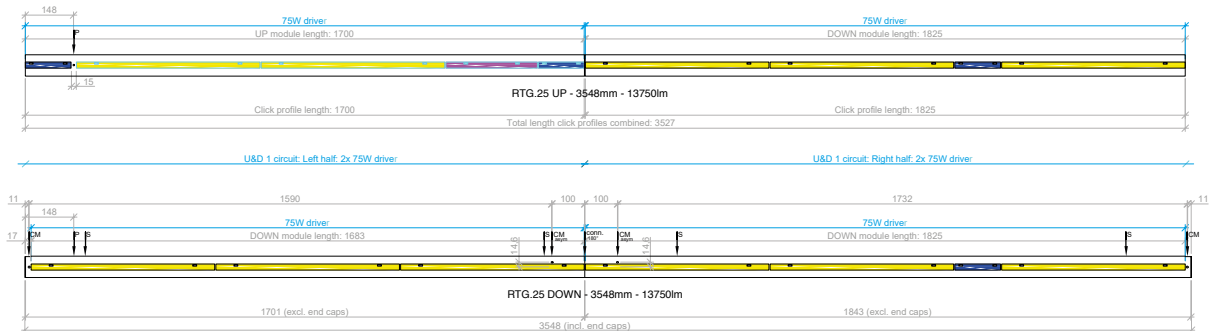


To find out how many suspensions are required for your profile, check the last 2 figures of your RTG article number:

- 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.

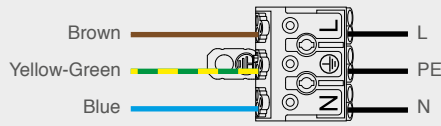
Doxis cannot be held responsible for incorrect installation.

Attention! Aluminium profiles will extend when warming up.

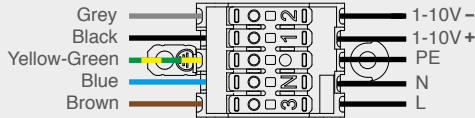
The extension is 0.5mm per meter. This should be taken into consideration for wall mounting, recessed mounting, trimless mounting and ceiling mounting applications. Extension gaps should be provided.

Single circuit

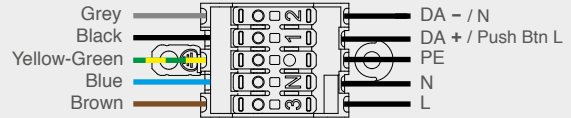
Non dimmable



1-10V dimmable

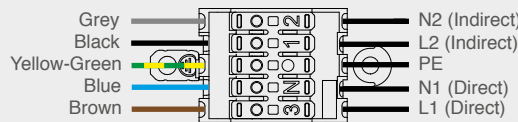


Touch & DALI dimmable

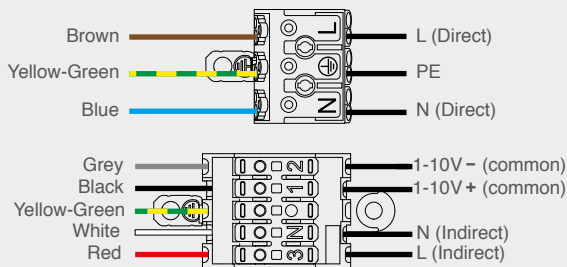


Double circuit direct/indirect 7-wire*

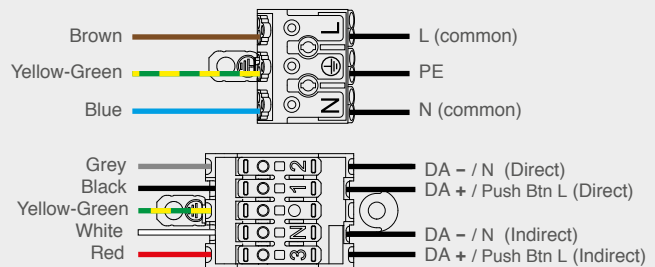
Non dimmable (standard for wall & suspended)



1-10V dimmable (for suspended only*)

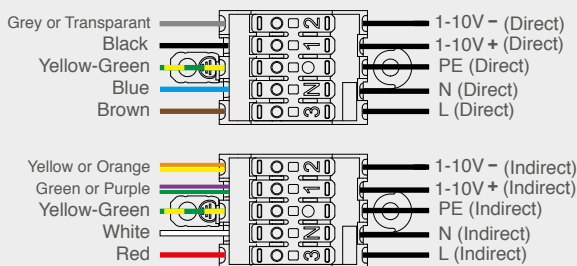


Touch & DALI dimmable (for suspended only*)

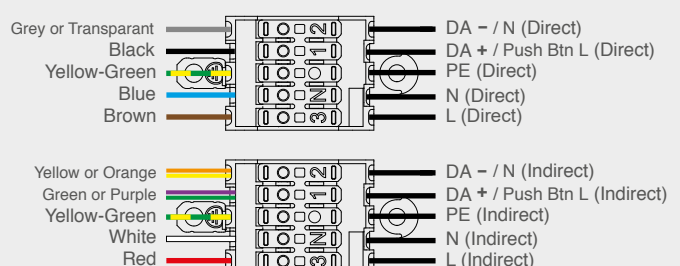


Double circuit direct/indirect 9-wire* (standard for wall mounted profiles, optional for suspended profiles)

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)