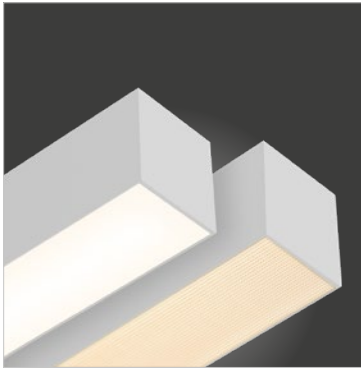


LEDLiner65 Down / Ready-To-Go

Technical Datasheet

DOXIS
LIGHTING FACTORY



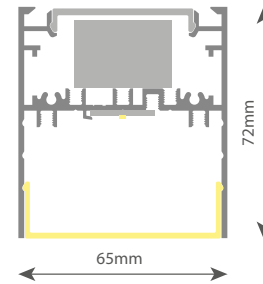
General specs	
Type	Suspended / Ceiling mounted / Recessed
Material	Profile: Aluminium Cover: Polycarbonate (PC)
Lightsource	Philips Fortimo LED modules
Dimmable	Non dim / 1-10V dim / Touch&DALI dim
Weight	Average weight of equipped profile: 3.30kg/m
Cover	Opal / Prismatic

IP20



RoHS

CE

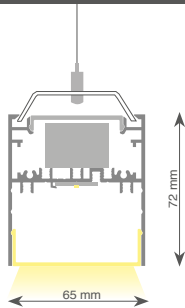


Information

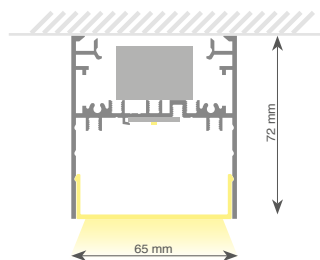
Square aluminium extruded profile 65x72mm in suspended, ceiling mounted and recessed version. Strong attention is given to thermal management (reduction of heat), equal light distribution and glare reduction (Prismatic Optics). LEDLiner65 offers the latest and best performing LED lighting technology using Philips LED Lines.

Mounting Methods

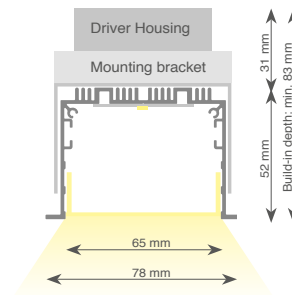
Suspended



Ceiling Mounted



Recessed



Included

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

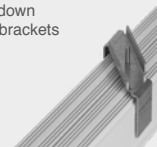


Included

Profile
End Caps
LED Modules
PC Cover Down

Included

Carrier Profile
Inner profile
End Caps
LED Modules
PC Cover down
Recessed brackets



Available colors

Standard

Optional

01

White
Matt Text.

03

Black
Matt Text.

18

Grey 9006
Matt Text.

07

Anthracite
Matt Text.

15

Corten

16

Gold Matt

24

Old Matt
Copper

25

Smoked
Brown

Other colors on request.

Covers

Standard

Optional



Opal cover (standard)
R6500.00.000.xx.00



Prismatic cover (optional)
R6500.00.000.xx.00.P

Prismatic

Luminous flux for LEDLiner65 with prismatic cover (down only) is ca. 2.3% higher than with standard opal cover.
Please add ".P" to the article number for the prismatic cover version.

DOXIS
LIGHTING FACTORY

Horizonlaan 30 | B-3600 Genk | Belgium
T+32 (0)89.62.15.11 | F+32 (0)89.62.15.12 | info@doxis.be
www.doxis.be

Datasheet subject to change
Update: 17/06/2019
Page 1-9

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.

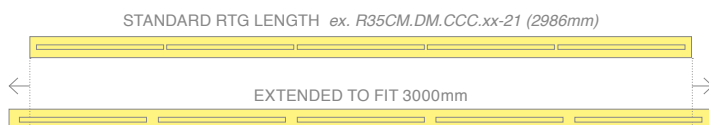
Below, we have made an example on how to order:

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	

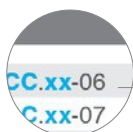


Trimless Connecting Box Ø80mm

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



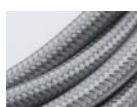
Suspension + White Textile Cable Supply 4000mm

	2 susp.	3 susp.	4 susp.	6 susp.
3x0.75mm²	2144.02.01	2144.03.01	2144.04.01	2144.06.01
5x0.75mm²	2145.02.01	2145.03.01	2145.04.01	2145.06.01
7x0.75mm²	2146.02.01	2146.03.01	2146.04.01	2146.06.01



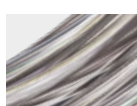
Suspension + Black Textile Cable Supply 4000mm

	2 susp.	3 susp.	4 susp.	6 susp.
3x0.75mm²	2144.02.03	2144.03.03	2144.04.03	2144.06.03
5x0.75mm²	2145.02.03	2145.03.03	2145.04.03	2145.06.03
7x0.75mm²	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.
3x0.75mm²	2144.02.18	2144.03.18	2144.04.18	2144.06.18
5x0.75mm²	2145.02.18	2145.03.18	2145.04.18	2145.06.18
7x0.75mm²	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.
9x0.75mm²	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.



LL65 Susp. & Ceiling Mounted Connectors	
90°	2176.00.00
180°	2177.00.00
Custom made	2178.00.00

LL65 Recessed Connectors	
90°	724.00.00
180°	725.00.00

When joining your Ready To Go profiles with a 90° connector, take into consideration that both your joined profile lengths will be extended by **28mm** 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

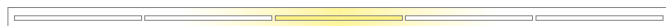
Emergency modules are equipped with self-testing. DALI version with on command testing, status read-out and additional functionality.

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).

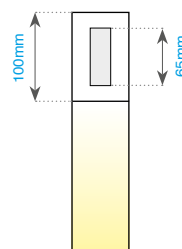
Please apply the correct light output ratio (mentioned on page 66 of our Ready To Go-catalogue) for a more precise estimation of the luminous flux in emergency mode for a specific luminaire.

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.



Article number composition

MM = Mounting method
SU: Down - Suspended
CM: Down - Ceiling Mounted
WA: Down - Wall Mounted
RE: Down - Recessed

R65 = Ready To Go LEDLiner65

Available colors

Matt White Texture
Matt Black Texture
Matt Grey 9006 Text.
Matt Anthracite Text.
Other colors on request.

xx = Color Code

R6500.00.000.01.00
R6500.00.000.03.00
R6500.00.000.18.00
R6500.00.000.07.00

R65MM.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)

LEDLiner65 Down - Ready To Go - 3000K Ra80

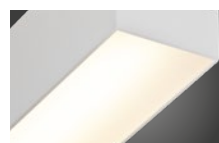
Article nr.	CCT - CRI	Length Total**	Lengths Individual**	Lum. Flux LED Module*	Power LED Module	Lum. Flux Luminaire*	Power Luminaire
R65MM.DM.830.xx.06	3000K - Ra80	879 mm	-	3132 lm	18.6 W	1815 lm	20.9 W
R65MM.DM.830.xx.07	3000K - Ra80	1021 mm	-	3654 lm	21.7 W	2118 lm	24.3 W
R65MM.DM.830.xx.08	3000K - Ra80	1159 mm	-	4176 lm	24.8 W	2420 lm	27.8 W
R65MM.DM.830.xx.09	3000K - Ra80	1301 mm	-	4698 lm	27.9 W	2723 lm	31.3 W
R65MM.DM.830.xx.10	3000K - Ra80	1441 mm	-	5220 lm	31 W	3025 lm	34.8 W
R65MM.DM.830.xx.11	3000K - Ra80	1583 mm	-	5742 lm	34.1 W	3328 lm	38.2 W
R65MM.DM.830.xx.12	3000K - Ra80	1721 mm	-	6264 lm	37.2 W	3630 lm	41.7 W
R65MM.DM.830.xx.13	3000K - Ra80	1863 mm	-	6786 lm	40.3 W	3933 lm	45.2 W
R65MM.DM.830.xx.14	3000K - Ra80	2002 mm	-	7308 lm	43.4 W	4235 lm	48.7 W
R65MM.DM.830.xx.15	3000K - Ra80	2144 mm	-	7830 lm	46.5 W	4538 lm	52.1 W
R65MM.DM.830.xx.16	3000K - Ra80	2282 mm	-	8352 lm	49.6 W	4840 lm	55.6 W
R65MM.DM.830.xx.17	3000K - Ra80	2424 mm	-	8874 lm	52.7 W	5143 lm	59.1 W
R65MM.DM.830.xx.18	3000K - Ra80	2564 mm	-	9396 lm	55.8 W	5445 lm	62.6 W
R65MM.DM.830.xx.19	3000K - Ra80	2706 mm	-	9918 lm	58.9 W	5748 lm	66 W
R65MM.DM.830.xx.20	3000K - Ra80	2844 mm	-	10440 lm	62 W	6050 lm	69.5 W
R65MM.DM.830.xx.21	3000K - Ra80	2986 mm	-	10962 lm	65.1 W	6353 lm	73 W
R65MM.DM.830.xx.22	3000K - Ra80	3125 mm	-	11484 lm	68.2 W	6655 lm	76.5 W
R65MM.DM.830.xx.23	3000K - Ra80	3267 mm	-	12006 lm	71.3 W	6958 lm	79.9 W
R65MM.DM.830.xx.24	3000K - Ra80	3405 mm	-	12528 lm	74.4 W	7260 lm	83.4 W
R65MM.DM.830.xx.25	3000K - Ra80	3548 mm	1701 + 1843 mm	13050 lm	77.5 W	7563 lm	86.9 W
R65MM.DM.830.xx.26	3000K - Ra80	3687 mm	1701 + 1982 mm	13572 lm	80.6 W	7865 lm	90.4 W
R65MM.DM.830.xx.27	3000K - Ra80	3829 mm	1843 + 1982 mm	14094 lm	83.7 W	8168 lm	93.8 W
R65MM.DM.830.xx.28	3000K - Ra80	3968 mm	1982 + 1982 mm	14616 lm	86.8 W	8470 lm	97.3 W
R65MM.DM.830.xx.29	3000K - Ra80	4110 mm	1982 + 2125 mm	15138 lm	89.9 W	8773 lm	100.8 W
R65MM.DM.830.xx.30	3000K - Ra80	4248 mm	1982 + 2262 mm	15660 lm	93 W	9075 lm	104.3 W
R65MM.DM.830.xx.31	3000K - Ra80	4390 mm	2125 + 2262 mm	16182 lm	96.1 W	9378 lm	107.7 W
R65MM.DM.830.xx.32	3000K - Ra80	4528 mm	2262 + 2262 mm	16704 lm	99.2 W	9680 lm	111.2 W
R65MM.DM.830.xx.33	3000K - Ra80	4670 mm	2262 + 2405 mm	17226 lm	102.3 W	9983 lm	114.7 W
R65MM.DM.830.xx.34	3000K - Ra80	4810 mm	2262 + 2544 mm	17748 lm	105.4 W	10285 lm	118.2 W
R65MM.DM.830.xx.35	3000K - Ra80	4952 mm	2405 + 2544 mm	18270 lm	108.5 W	10588 lm	121.6 W
R65MM.DM.830.xx.36	3000K - Ra80	5091 mm	2544 + 2544 mm	18792 lm	111.6 W	10890 lm	125.1 W
R65MM.DM.830.xx.37	3000K - Ra80	5233 mm	2544 + 2686 mm	19314 lm	114.7 W	11193 lm	128.6 W
R65MM.DM.830.xx.38	3000K - Ra80	5371 mm	2544 + 2824 mm	19836 lm	117.8 W	11495 lm	132.1 W
R65MM.DM.830.xx.39	3000K - Ra80	5513 mm	2544 + 2966 mm	20358 lm	120.9 W	11798 lm	135.5 W
R65MM.DM.830.xx.40	3000K - Ra80	5653 mm	2544 + 3105 mm	20880 lm	124 W	12100 lm	139 W
R65MM.DM.830.xx.41	3000K - Ra80	5795 mm	2544 + 3248 mm	21402 lm	127.1 W	12403 lm	142.5 W
R65MM.DM.830.xx.42	3000K - Ra80	5933 mm	2824 + 3105 mm	21924 lm	130.2 W	12705 lm	146 W
R65MM.DM.830.xx.43	3000K - Ra80	6075 mm	2966 + 3105 mm	22446 lm	133.3 W	13008 lm	149.4 W
R65MM.DM.830.xx.44	3000K - Ra80	6214 mm	3105 + 3105 mm	22968 lm	136.4 W	13310 lm	152.9 W
R65MM.DM.830.xx.45	3000K - Ra80	6356 mm	3105 + 3248 mm	23490 lm	139.5 W	13613 lm	156.4 W
R65MM.DM.830.xx.46	3000K - Ra80	6494 mm	3105 + 3385 mm	24012 lm	142.6 W	13915 lm	159.9 W
R65MM.DM.830.xx.47	3000K - Ra80	6636 mm	3248 + 3385 mm	24534 lm	145.7 W	14218 lm	163.3 W
R65MM.DM.830.xx.48	3000K - Ra80	6774 mm	3385 + 3385 mm	25056 lm	148.8 W	14520 lm	166.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	87.1lm/W
Efficacy 4000K - Ra80	177.4lm/W	91.7lm/W
Efficacy 2700K - Ra90	131.8lm/W	68.1lm/W
Efficacy 3000K - Ra90	134lm/W	69.3lm/W
Efficacy 4000K - Ra90	141.1lm/W	72.9lm/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)
R6500.00.000.xx.00



Prismatic cover (optional)
R6500.00.000.xx.00.P

Luminous flux for LEDLiner65 with prismatic cover (down only) is ca. 2.3% 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.

LEDLiner65 Down - Ready To Go - 4000K Ra80

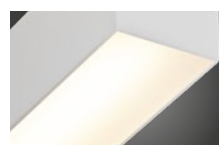
Article nr.	CCT - CRI	Length Total**	Lengths Individual**	Lum. Flux LED Module*	Power LED Module	Lum. Flux Luminaire*	Power Luminaire
R65MM.DM.840.xx.06	4000K - Ra80	879 mm	-	3300 lm	18.6 W	1912 lm	20.9 W
R65MM.DM.840.xx.07	4000K - Ra80	1021 mm	-	3850 lm	21.7 W	2231 lm	24.3 W
R65MM.DM.840.xx.08	4000K - Ra80	1159 mm	-	4400 lm	24.8 W	2550 lm	27.8 W
R65MM.DM.840.xx.09	4000K - Ra80	1301 mm	-	4950 lm	27.9 W	2869 lm	31.3 W
R65MM.DM.840.xx.10	4000K - Ra80	1441 mm	-	5500 lm	31 W	3187 lm	34.8 W
R65MM.DM.840.xx.11	4000K - Ra80	1583 mm	-	6050 lm	34.1 W	3506 lm	38.2 W
R65MM.DM.840.xx.12	4000K - Ra80	1721 mm	-	6600 lm	37.2 W	3825 lm	41.7 W
R65MM.DM.840.xx.13	4000K - Ra80	1863 mm	-	7150 lm	40.3 W	4143 lm	45.2 W
R65MM.DM.840.xx.14	4000K - Ra80	2002 mm	-	7700 lm	43.4 W	4462 lm	48.7 W
R65MM.DM.840.xx.15	4000K - Ra80	2144 mm	-	8250 lm	46.5 W	4781 lm	52.1 W
R65MM.DM.840.xx.16	4000K - Ra80	2282 mm	-	8800 lm	49.6 W	5100 lm	55.6 W
R65MM.DM.840.xx.17	4000K - Ra80	2424 mm	-	9350 lm	52.7 W	5418 lm	59.1 W
R65MM.DM.840.xx.18	4000K - Ra80	2564 mm	-	9900 lm	55.8 W	5737 lm	62.6 W
R65MM.DM.840.xx.19	4000K - Ra80	2706 mm	-	10450 lm	58.9 W	6056 lm	66 W
R65MM.DM.840.xx.20	4000K - Ra80	2844 mm	-	11000 lm	62 W	6375 lm	69.5 W
R65MM.DM.840.xx.21	4000K - Ra80	2986 mm	-	11550 lm	65.1 W	6693 lm	73 W
R65MM.DM.840.xx.22	4000K - Ra80	3125 mm	-	12100 lm	68.2 W	7012 lm	76.5 W
R65MM.DM.840.xx.23	4000K - Ra80	3267 mm	-	12650 lm	71.3 W	7331 lm	79.9 W
R65MM.DM.840.xx.24	4000K - Ra80	3405 mm	-	13200 lm	74.4 W	7649 lm	83.4 W
R65MM.DM.840.xx.25	4000K - Ra80	3548 mm	1701 + 1843 mm	13750 lm	77.5 W	7968 lm	86.9 W
R65MM.DM.840.xx.26	4000K - Ra80	3687 mm	1701 + 1982 mm	14300 lm	80.6 W	8287 lm	90.4 W
R65MM.DM.840.xx.27	4000K - Ra80	3829 mm	1843 + 1982 mm	14850 lm	83.7 W	8606 lm	93.8 W
R65MM.DM.840.xx.28	4000K - Ra80	3968 mm	1982 + 1982 mm	15400 lm	86.8 W	8924 lm	97.3 W
R65MM.DM.840.xx.29	4000K - Ra80	4110 mm	1982 + 2125 mm	15950 lm	89.9 W	9243 lm	100.8 W
R65MM.DM.840.xx.30	4000K - Ra80	4248 mm	1982 + 2262 mm	16500 lm	93 W	9562 lm	104.3 W
R65MM.DM.840.xx.31	4000K - Ra80	4390 mm	2125 + 2262 mm	17050 lm	96.1 W	9881 lm	107.7 W
R65MM.DM.840.xx.32	4000K - Ra80	4528 mm	2262 + 2262 mm	17600 lm	99.2 W	10199 lm	111.2 W
R65MM.DM.840.xx.33	4000K - Ra80	4670 mm	2262 + 2405 mm	18150 lm	102.3 W	10518 lm	114.7 W
R65MM.DM.840.xx.34	4000K - Ra80	4810 mm	2262 + 2544 mm	18700 lm	105.4 W	10837 lm	118.2 W
R65MM.DM.840.xx.35	4000K - Ra80	4952 mm	2405 + 2544 mm	19250 lm	108.5 W	11155 lm	121.6 W
R65MM.DM.840.xx.36	4000K - Ra80	5091 mm	2544 + 2544 mm	19800 lm	111.6 W	11474 lm	125.1 W
R65MM.DM.840.xx.37	4000K - Ra80	5233 mm	2544 + 2686 mm	20350 lm	114.7 W	11793 lm	128.6 W
R65MM.DM.840.xx.38	4000K - Ra80	5371 mm	2544 + 2824 mm	20900 lm	117.8 W	12112 lm	132.1 W
R65MM.DM.840.xx.39	4000K - Ra80	5513 mm	2544 + 2966 mm	21450 lm	120.9 W	12430 lm	135.5 W
R65MM.DM.840.xx.40	4000K - Ra80	5653 mm	2544 + 3105 mm	22000 lm	124 W	12749 lm	139 W
R65MM.DM.840.xx.41	4000K - Ra80	5795 mm	2544 + 3248 mm	22550 lm	127.1 W	13068 lm	142.5 W
R65MM.DM.840.xx.42	4000K - Ra80	5933 mm	2824 + 3105 mm	23100 lm	130.2 W	13386 lm	146 W
R65MM.DM.840.xx.43	4000K - Ra80	6075 mm	2966 + 3105 mm	23650 lm	133.3 W	13705 lm	149.4 W
R65MM.DM.840.xx.44	4000K - Ra80	6214 mm	3105 + 3105 mm	24200 lm	136.4 W	14024 lm	152.9 W
R65MM.DM.840.xx.45	4000K - Ra80	6356 mm	3105 + 3248 mm	24750 lm	139.5 W	14343 lm	156.4 W
R65MM.DM.840.xx.46	4000K - Ra80	6494 mm	3105 + 3385 mm	25300 lm	142.6 W	14661 lm	159.9 W
R65MM.DM.840.xx.47	4000K - Ra80	6636 mm	3248 + 3385 mm	25850 lm	145.7 W	14980 lm	163.3 W
R65MM.DM.840.xx.48	4000K - Ra80	6774 mm	3385 + 3385 mm	26400 lm	148.8 W	15299 lm	166.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	87.1lm/W
Efficacy 4000K - Ra80	177.4lm/W	91.7lm/W
Efficacy 2700K - Ra90	131.8lm/W	68.1lm/W
Efficacy 3000K - Ra90	134lm/W	69.3lm/W
Efficacy 4000K - Ra90	141.1lm/W	72.9lm/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)
R6500.00.000.xx.00



Prismatic cover (optional)
R6500.00.000.xx.00.P

Luminous flux for LEDliner65 with prismatic cover (down only) is ca. 2.3% 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.

LEDLiner65 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
R65MM.DM.927.xx.06	2700K - Ra90	879 mm	-	3084 lm	23.4 W	1787 lm	26.2 W
R65MM.DM.927.xx.08	2700K - Ra90	1159 mm	-	4112 lm	31.2 W	2383 lm	35 W
R65MM.DM.927.xx.10	2700K - Ra90	1441 mm	-	5140 lm	39 W	2979 lm	43.7 W
R65MM.DM.927.xx.12	2700K - Ra90	1721 mm	-	6168 lm	46.8 W	3574 lm	52.5 W
R65MM.DM.927.xx.14	2700K - Ra90	2002 mm	-	7196 lm	54.6 W	4170 lm	61.2 W
R65MM.DM.927.xx.16	2700K - Ra90	2282 mm	-	8224 lm	62.4 W	4766 lm	69.9 W
R65MM.DM.927.xx.18	2700K - Ra90	2564 mm	-	9252 lm	70.2 W	5362 lm	78.7 W
R65MM.DM.927.xx.20	2700K - Ra90	2844 mm	-	10280 lm	78 W	5957 lm	87.4 W
R65MM.DM.927.xx.22	2700K - Ra90	3125 mm	-	11308 lm	85.8 W	6553 lm	96.2 W
R65MM.DM.927.xx.24	2700K - Ra90	3405 mm	-	12336 lm	93.6 W	7149 lm	104.9 W
R65MM.DM.927.xx.26	2700K - Ra90	3687 mm	1701 + 1982 mm	13364 lm	101.4 W	7744 lm	113.7 W
R65MM.DM.927.xx.28	2700K - Ra90	3968 mm	1982 + 1982 mm	14392 lm	109.2 W	8340 lm	122.4 W
R65MM.DM.927.xx.30	2700K - Ra90	4248 mm	1982 + 2262 mm	15420 lm	117 W	8936 lm	131.2 W
R65MM.DM.927.xx.32	2700K - Ra90	4528 mm	2262 + 2262 mm	16448 lm	124.8 W	9532 lm	139.9 W
R65MM.DM.927.xx.34	2700K - Ra90	4810 mm	2262 + 2544 mm	17476 lm	132.6 W	10127 lm	148.6 W
R65MM.DM.927.xx.36	2700K - Ra90	5091 mm	2544 + 2544 mm	18504 lm	140.4 W	10723 lm	157.4 W
R65MM.DM.927.xx.38	2700K - Ra90	5371 mm	2544 + 2824 mm	19532 lm	148.2 W	11319 lm	166.1 W
R65MM.DM.927.xx.40	2700K - Ra90	5653 mm	2544 + 3105 mm	20560 lm	156 W	11915 lm	174.9 W
R65MM.DM.927.xx.42	2700K - Ra90	5933 mm	2824 + 3105 mm	21588 lm	163.8 W	12510 lm	183.6 W
R65MM.DM.927.xx.44	2700K - Ra90	6214 mm	3105 + 3105 mm	22616 lm	171.6 W	13106 lm	192.4 W
R65MM.DM.927.xx.46	2700K - Ra90	6494 mm	3105 + 3385 mm	23644 lm	179.4 W	13702 lm	201.1 W
R65MM.DM.927.xx.48	2700K - Ra90	6774 mm	3385 + 3385 mm	24672 lm	187.2 W	14297 lm	209.8 W

General specs

	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	87.1lm/W
Efficacy 4000K - Ra80	177.4lm/W	91.7lm/W
Efficacy 2700K - Ra90	131.8lm/W	68.1lm/W
Efficacy 3000K - Ra90	134lm/W	69.3lm/W
Efficacy 4000K - Ra90	141.1lm/W	72.9lm/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)
R6500.00.000.xx.00



Prismatic cover (optional)
R6500.00.000.xx.00.P

Prismatic

Luminous flux for LEDliner65 with prismatic cover (down only) is ca. 2.3% 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.

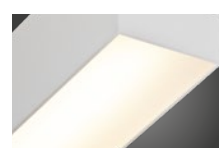
** The max. length of a single piece of profile is 3405mm. Ready to go-profiles with a length higher than 3405mm consist of 2 individual piece connected with a 180° mechanical connector
Total length is the length with end caps included, individual lengths are lengths with the end cap excluded.

LEDLiner65 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
R65MM.DM.930.xx.06	3000K - Ra90	879 mm	-	3132 lm	23.4 W	1817 lm	26.2 W
R65MM.DM.930.xx.07	3000K - Ra90	1021 mm	-	3654 lm	27.3 W	2120 lm	30.6 W
R65MM.DM.930.xx.08	3000K - Ra90	1159 mm	-	4176 lm	31.2 W	2422 lm	35 W
R65MM.DM.930.xx.09	3000K - Ra90	1301 mm	-	4698 lm	35.1 W	2725 lm	39.3 W
R65MM.DM.930.xx.10	3000K - Ra90	1441 mm	-	5220 lm	39 W	3028 lm	43.7
R65MM.DM.930.xx.11	3000K - Ra90	1583 mm	-	5742 lm	42.9 W	3331 lm	48.1 W
R65MM.DM.930.xx.12	3000K - Ra90	1721 mm	-	6264 lm	46.8 W	3633 lm	52.5 W
R65MM.DM.930.xx.13	3000K - Ra90	1863 mm	-	6786 lm	50.7 W	3936 lm	56.8 W
R65MM.DM.930.xx.14	3000K - Ra90	2002 mm	-	7308 lm	54.6 W	4239 lm	61.2 W
R65MM.DM.930.xx.15	3000K - Ra90	2144 mm	-	7830 lm	58.5 W	4542 lm	65.6 W
R65MM.DM.930.xx.16	3000K - Ra90	2282 mm	-	8352 lm	62.4 W	4845 lm	69.9 W
R65MM.DM.930.xx.17	3000K - Ra90	2424 mm	-	8874 lm	66.3 W	5147 lm	74.3 W
R65MM.DM.930.xx.18	3000K - Ra90	2564 mm	-	9396 lm	70.2 W	5450 lm	78.7 W
R65MM.DM.930.xx.19	3000K - Ra90	2706 mm	-	9918 lm	74.1 W	5753 lm	83.1 W
R65MM.DM.930.xx.20	3000K - Ra90	2844 mm	-	10440 lm	78 W	6056 lm	87.4 W
R65MM.DM.930.xx.21	3000K - Ra90	2986 mm	-	10962 lm	81.9 W	6359 lm	91.8 W
R65MM.DM.930.xx.22	3000K - Ra90	3125 mm	-	11484 lm	85.8 W	6661 lm	96.2 W
R65MM.DM.930.xx.23	3000K - Ra90	3267 mm	-	12006 lm	89.7 W	6964 lm	100.6 W
R65MM.DM.930.xx.24	3000K - Ra90	3405 mm	-	12528 lm	93.6 W	7267 lm	104.9 W
R65MM.DM.930.xx.25	3000K - Ra90	3548 mm	1701 + 1843 mm	13050 lm	97.5 W	7570 lm	109.3 W
R65MM.DM.930.xx.26	3000K - Ra90	3687 mm	1701 + 1982 mm	13572 lm	101.4 W	7873 lm	113.7 W
R65MM.DM.930.xx.27	3000K - Ra90	3829 mm	1843 + 1982 mm	14094 lm	105.3 W	8175 lm	118 W
R65MM.DM.930.xx.28	3000K - Ra90	3968 mm	1982 + 1982 mm	14616 lm	109.2 W	8478 lm	122.4 W
R65MM.DM.930.xx.29	3000K - Ra90	4110 mm	1982 + 2125 mm	15138 lm	113.1 W	8781 lm	126.8 W
R65MM.DM.930.xx.30	3000K - Ra90	4248 mm	1982 + 2262 mm	15660 lm	117 W	9084 lm	131.2 W
R65MM.DM.930.xx.31	3000K - Ra90	4390 mm	2125 + 2262 mm	16182 lm	120.9 W	9386 lm	135.5 W
R65MM.DM.930.xx.32	3000K - Ra90	4528 mm	2262 + 2262 mm	16704 lm	124.8 W	9689 lm	139.9 W
R65MM.DM.930.xx.33	3000K - Ra90	4670 mm	2262 + 2405 mm	17226 lm	128.7 W	9992 lm	144.3 W
R65MM.DM.930.xx.34	3000K - Ra90	4810 mm	2262 + 2544 mm	17748 lm	132.6 W	10295 lm	148.6 W
R65MM.DM.930.xx.35	3000K - Ra90	4952 mm	2405 + 2544 mm	18270 lm	136.5 W	10598 lm	153 W
R65MM.DM.930.xx.36	3000K - Ra90	5091 mm	2544 + 2544 mm	18792 lm	140.4 W	10900 lm	157.4 W
R65MM.DM.930.xx.37	3000K - Ra90	5233 mm	2544 + 2686 mm	19314 lm	144.3 W	11203 lm	161.8 W
R65MM.DM.930.xx.38	3000K - Ra90	5371 mm	2544 + 2824 mm	19836 lm	148.2 W	11506 lm	166.1 W
R65MM.DM.930.xx.39	3000K - Ra90	5513 mm	2544 + 2966 mm	20358 lm	152.1 W	11809 lm	170.5 W
R65MM.DM.930.xx.40	3000K - Ra90	5653 mm	2544 + 3105 mm	20880 lm	156 W	12112 lm	174.9 W
R65MM.DM.930.xx.41	3000K - Ra90	5795 mm	2544 + 3248 mm	21402 lm	159.9 W	12414 lm	179.2 W
R65MM.DM.930.xx.42	3000K - Ra90	5933 mm	2824 + 3105 mm	21924 lm	163.8 W	12717 lm	183.6 W
R65MM.DM.930.xx.43	3000K - Ra90	6075 mm	2966 + 3105 mm	22446 lm	167.7 W	13020 lm	188 W
R65MM.DM.930.xx.44	3000K - Ra90	6214 mm	3105 + 3105 mm	22968 lm	171.6 W	13323 lm	192.4 W
R65MM.DM.930.xx.45	3000K - Ra90	6356 mm	3105 + 3248 mm	23490 lm	175.5 W	13626 lm	196.7 W
R65MM.DM.930.xx.46	3000K - Ra90	6494 mm	3105 + 3385 mm	24012 lm	179.4 W	13928 lm	201.1 W
R65MM.DM.930.xx.47	3000K - Ra90	6636 mm	3248 + 3385 mm	24534 lm	183.3 W	14231 lm	205.5 W
R65MM.DM.930.xx.48	3000K - Ra90	6774 mm	3385 + 3385 mm	25056 lm	187.2 W	14534 lm	209.8 W

General specs		
	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	87.1lm/W
Efficacy 4000K - Ra80	177.4lm/W	91.7lm/W
Efficacy 2700K - Ra90	131.8lm/W	68.1lm/W
Efficacy 3000K - Ra90	134lm/W	69.3lm/W
Efficacy 4000K - Ra90	141.1lm/W	72.9lm/W
Color constancy	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)
R6500.00.000.xx.00



Prismatic cover (optional)
R6500.00.000.xx.00.P

Luminous flux for LEDliner65 with prismatic cover (down only) is ca. 2.3% 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.

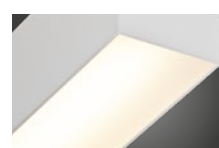
** The max. length of a single piece of profile is 3405mm. Ready to go-profiles with a length higher than 3405mm consist of 2 individual piece connected with a 180° mechanical connector
Total length is the length with end caps included, individual lengths are lengths with the end cap excluded.

LEDLiner65 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
R65MM.DM.940.xx.06	4000K - Ra90	879 mm	-	3300 lm	23.4 W	1912 lm	26.2 W
R65MM.DM.940.xx.07	4000K - Ra90	1021 mm	-	3850 lm	27.3 W	2231 lm	30.6 W
R65MM.DM.940.xx.08	4000K - Ra90	1159 mm	-	4400 lm	31.2 W	2550 lm	35 W
R65MM.DM.940.xx.09	4000K - Ra90	1301 mm	-	4950 lm	35.1 W	2869 lm	39.3 W
R65MM.DM.940.xx.10	4000K - Ra90	1441 mm	-	5500 lm	39 W	3187 lm	43.7 W
R65MM.DM.940.xx.11	4000K - Ra90	1583 mm	-	6050 lm	42.9 W	3506 lm	48.1 W
R65MM.DM.940.xx.12	4000K - Ra90	1721 mm	-	6600 lm	46.8 W	3825 lm	52.5 W
R65MM.DM.940.xx.13	4000K - Ra90	1863 mm	-	7150 lm	50.7 W	4143 lm	56.8 W
R65MM.DM.940.xx.14	4000K - Ra90	2002 mm	-	7700 lm	54.6 W	4462 lm	61.2 W
R65MM.DM.940.xx.15	4000K - Ra90	2144 mm	-	8250 lm	58.5 W	4781 lm	65.6 W
R65MM.DM.940.xx.16	4000K - Ra90	2282 mm	-	8800 lm	62.4 W	5100 lm	69.9 W
R65MM.DM.940.xx.17	4000K - Ra90	2424 mm	-	9350 lm	66.3 W	5418 lm	74.3 W
R65MM.DM.940.xx.18	4000K - Ra90	2564 mm	-	9900 lm	70.2 W	5737 lm	78.7 W
R65MM.DM.940.xx.19	4000K - Ra90	2706 mm	-	10450 lm	74.1 W	6056 lm	83.1 W
R65MM.DM.940.xx.20	4000K - Ra90	2844 mm	-	11000 lm	78 W	6375 lm	87.4 W
R65MM.DM.940.xx.21	4000K - Ra90	2986 mm	-	11550 lm	81.9 W	6693 lm	91.8 W
R65MM.DM.940.xx.22	4000K - Ra90	3125 mm	-	12100 lm	85.8 W	7012 lm	96.2 W
R65MM.DM.940.xx.23	4000K - Ra90	3267 mm	-	12650 lm	89.7 W	7331 lm	100.6 W
R65MM.DM.940.xx.24	4000K - Ra90	3405 mm	-	13200 lm	93.6 W	7649 lm	104.9 W
R65MM.DM.940.xx.25	4000K - Ra90	3548 mm	1701 + 1843 mm	13750 lm	97.5 W	7968 lm	109.3 W
R65MM.DM.940.xx.26	4000K - Ra90	3687 mm	1701 + 1982 mm	14300 lm	101.4 W	8287 lm	113.7 W
R65MM.DM.940.xx.27	4000K - Ra90	3829 mm	1843 + 1982 mm	14850 lm	105.3 W	8606 lm	118 W
R65MM.DM.940.xx.28	4000K - Ra90	3968 mm	1982 + 1982 mm	15400 lm	109.2 W	8924 lm	122.4 W
R65MM.DM.940.xx.29	4000K - Ra90	4110 mm	1982 + 2125 mm	15950 lm	113.1 W	9243 lm	126.8 W
R65MM.DM.940.xx.30	4000K - Ra90	4248 mm	1982 + 2262 mm	16500 lm	117 W	9562 lm	131.2 W
R65MM.DM.940.xx.31	4000K - Ra90	4390 mm	2125 + 2262 mm	17050 lm	120.9 W	9881 lm	135.5 W
R65MM.DM.940.xx.32	4000K - Ra90	4528 mm	2262 + 2262 mm	17600 lm	124.8 W	10199 lm	139.9 W
R65MM.DM.940.xx.33	4000K - Ra90	4670 mm	2262 + 2405 mm	18150 lm	128.7 W	10518 lm	144.3 W
R65MM.DM.940.xx.34	4000K - Ra90	4810 mm	2262 + 2544 mm	18700 lm	132.6 W	10837 lm	148.6 W
R65MM.DM.940.xx.35	4000K - Ra90	4952 mm	2405 + 2544 mm	19250 lm	136.5 W	11155 lm	153 W
R65MM.DM.940.xx.36	4000K - Ra90	5091 mm	2544 + 2544 mm	19800 lm	140.4 W	11474 lm	157.4 W
R65MM.DM.940.xx.37	4000K - Ra90	5233 mm	2544 + 2686 mm	20350 lm	144.3 W	11793 lm	161.8 W
R65MM.DM.940.xx.38	4000K - Ra90	5371 mm	2544 + 2824 mm	20900 lm	148.2 W	12112 lm	166.1 W
R65MM.DM.940.xx.39	4000K - Ra90	5513 mm	2544 + 2966 mm	21450 lm	152.1 W	12430 lm	170.5 W
R65MM.DM.940.xx.40	4000K - Ra90	5653 mm	2544 + 3105 mm	22000 lm	156 W	12749 lm	174.9 W
R65MM.DM.940.xx.41	4000K - Ra90	5795 mm	2544 + 3248 mm	22550 lm	159.9 W	13068 lm	179.2 W
R65MM.DM.940.xx.42	4000K - Ra90	5933 mm	2824 + 3105 mm	23100 lm	163.8 W	13386 lm	183.6 W
R65MM.DM.940.xx.43	4000K - Ra90	6075 mm	2966 + 3105 mm	23650 lm	167.7 W	13705 lm	188 W
R65MM.DM.940.xx.44	4000K - Ra90	6214 mm	3105 + 3105 mm	24200 lm	171.6 W	14024 lm	192.4 W
R65MM.DM.940.xx.45	4000K - Ra90	6356 mm	3105 + 3248 mm	24750 lm	175.5 W	14343 lm	196.7 W
R65MM.DM.940.xx.46	4000K - Ra90	6494 mm	3105 + 3385 mm	25300 lm	179.4 W	14661 lm	201.1 W
R65MM.DM.940.xx.47	4000K - Ra90	6636 mm	3248 + 3385 mm	25850 lm	183.3 W	14980 lm	205.5 W
R65MM.DM.940.xx.48	4000K - Ra90	6774 mm	3385 + 3385 mm	26400 lm	187.2 W	15299 lm	209.8 W

General specs		
	LED Module	Luminaire
Efficacy 3000K - Ra80	168.4lm/W	87.1lm/W
Efficacy 4000K - Ra80	177.4lm/W	91.7lm/W
Efficacy 2700K - Ra90	131.8lm/W	68.1lm/W
Efficacy 3000K - Ra90	134lm/W	69.3lm/W
Efficacy 4000K - Ra90	141.1lm/W	72.9lm/W
Color constistency	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)
R6500.00.000.xx.00



Prismatic cover (optional)
R6500.00.000.xx.00.P

Luminous flux for LEDliner65 with prismatic cover (down only) is ca. 2.3% 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.

IP65-compound (optional)

Silicone compound for linear modules (per meter)
IP65 Compound (min. 5 meter) 2209.00.00

DOXIS offers IP65 ratings on its LEDLiner65 profiles, using clear silicone compound added on the surface of the LED modules and drivers.

Important note:

An color temperature shift will occur when using silicone compound (3000K with silicone compound results in approximately 4300K)

A light loss of approximately 8% will occur when using silicone compound.



LED Module:

After mounting LED boards into aluminium profiles, a two component, optically clear high strength silicone elastomer is used for IP65 protection.

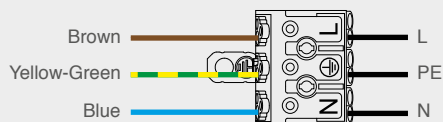
Driver:

An anthracite grey two component silicone elastomer is used to protect all electronic components, by filling the custom designed driver housing.

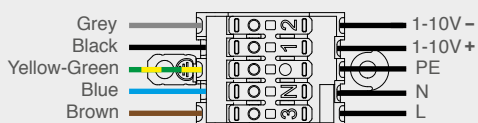


Single circuit

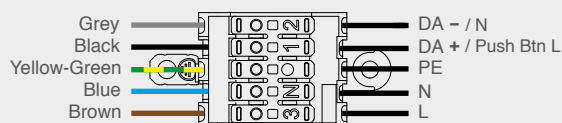
Non dimmable



1-10V dimmable



Touch & DALI dimmable



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.

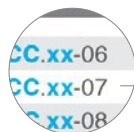
Doxis cannot be held responsible for incorrect installation.

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.

Technical info



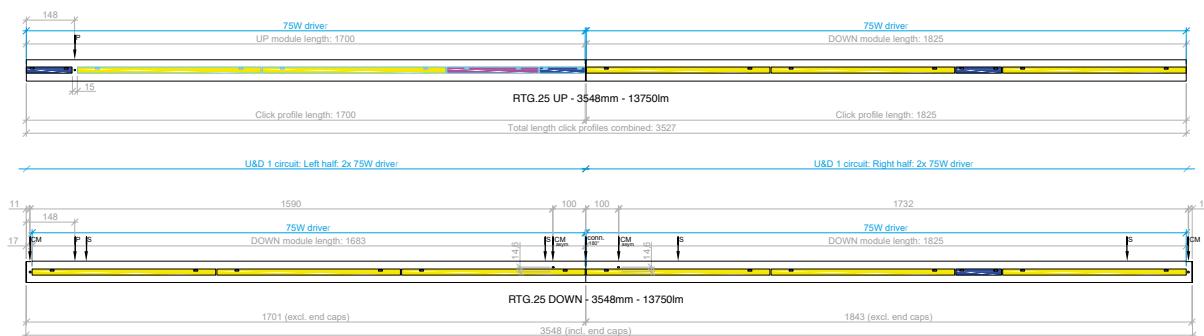
To find out how many suspensions are required for your profile, check the last 2 figures of your RTG article number:

- 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.

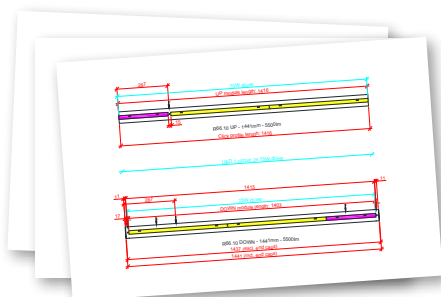
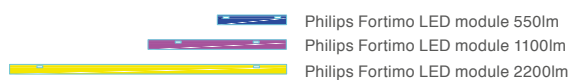
Example:

RTG LEDLiner47 Up&Down, ref. 25

(1701mm + 1843mm connected by a 180° connector + end caps = 3548mm in total)



- S Location of the suspension wires
- P Location of the power supply
- CM Location of the holes for ceiling mounting
- conn. 180° Location of the connection between the profiles



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