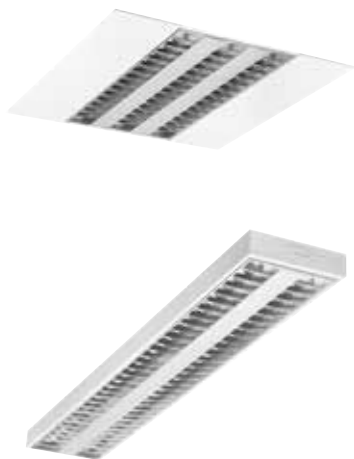




## Recessed, surface and suspended luminaires



### RANA LED

Whether you have an office space or educational environment, your colleagues or students require a space that inspires them and allows them to be productive. People are your most valuable asset and as such the lighting you provide will enable them to reach and exceed their goals.

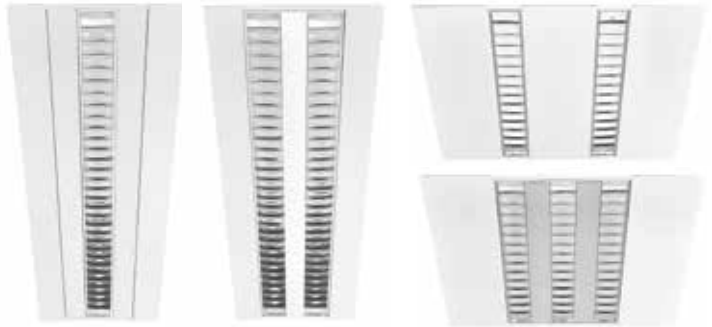
RANA LED range in the form of recessed, surface and suspended luminaires is designed to enhance the quality of light in all types of office and educational environments.

The range symbolises the following motto: illuminate without seeing the light source. To achieve this, the louvre + MicroPrismatic optic of RANA LED offers UGR<19 glare control and low luminance levels for an unequalled visual comfort: no direct light in your eyes. The range features a total system efficacy (luminaire's measured flux per total power consumption) of up to 123 Lm/W.

## Features

- Sleek and unobtrusive square profile design, to mix and match recessed and surface / suspended luminaires in a single lighting scheme
- Surface and suspended models can be mounted individually or in continuous runs
- Available in warm white (3,000K) or neutral white (4,000K)
- L90B10 @ 50,000 hours. Long service life with luminous flux maintenance: 90% of its initial value at 50,000 hours
- Driver lifetime : 50,000 hours with max. 10% failure
- Outstanding glare control. All products are UGR<19. UGR=16 available with LO range
- Low luminance for Display Screen Equipment (DSE) workstations
- High luminaire efficacy: Up to 123 Lm/W dependent on configuration (total system power consumption).
- New asymmetric light distribution version.
- Low LED Flicker (<5%)
- Colour Rendering Index: (Ra) > 80 for office applications
- LED Colour Consistency between multiple luminaires (chromaticity tolerance): 3 SDCM or 3-step MacAdam ellipse
- Colour: Sylvania white as standard, other colours on request
- Closed optical system with protective covers on LED modules
- All recessed versions are supplied with 2 x metallic safety cables
- Constant Current, DALI (Switch-Dim), 1-10V or SylSmart Standalone Office control systems
- DALI Emergency-Pro 3 hours maintained versions
- Glow Wire Test: 850°C for all versions - Polycarbonate diffusers are UK TP(a) compliant
- 5 year guarantee

## Recessed



## Surface & Suspended



Ecole 'Les Trèfles' - Anderlecht, Belgium

# RANA LED Recessed 600



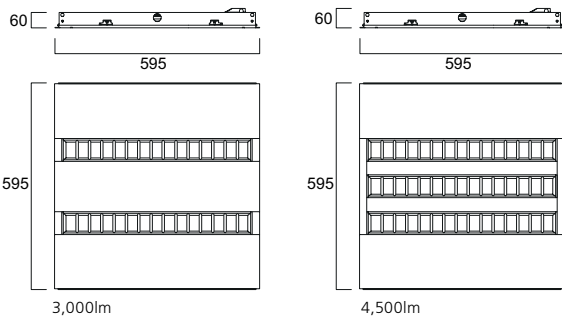
Code	Description	Control Technology	Luminaire Dimensions (mm)	System Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	UGR
<b>600 x 600 mm - 3,000 lm</b>							
<b>3,000K</b>							
0052400	RANA LED R 600 LO 3K LOUV+PRI	Constant Current	595x595x60	28	2800	100	16
0052401	RANA LED R 600 LO 3K LOUV+PRI D	DALI	595x595x60	28	2800	100	16
0052402	RANA LED R 600 LO 3K LOUV+PRI 1-10	1-10V	595x595x60	28	2800	100	16
<b>4,000K</b>							
0052404	RANA LED R 600 LO 4K LOUV+PRI	Constant Current	595x595x60	28	3000	107	16
0052405	RANA LED R 600 LO 4K LOUV+PRI D	DALI	595x595x60	28	3000	107	16
0052406	RANA LED R 600 LO 4K LOUV+PRI 1-10	1-10V	595x595x60	28	3000	107	16
0052512	RANA LED R 600 LO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	595x595x60	29	3000	103	16
0052408	RANA LED R 600 LO 4K LOUV+PRI EM	Emergency 3 hours	595x595x60	32	3000	94	16
0052409	RANA LED R 600 LO 4K LOUV+PRI D EMPRO	DALI + Emergency PRO 3 hours	595x595x60	32	3000	94	16
<b>600 x 600 mm - 4,500 lm</b>							
<b>3,000K</b>							
0052411	RANA LED R 600 HO 3K LOUV+PRI	Constant Current	595x595x60	40	4300	108	19
0052412	RANA LED R 600 HO 3K LOUV+PRI D	DALI	595x595x60	40	4300	108	19
0052413	RANA LED R 600 HO 3K LOUV+PRI 1-10	1-10V	595x595x60	40	4300	108	19
<b>4,000K</b>							
0052415	RANA LED R 600 HO 4K LOUV+PRI	Constant Current	595x595x60	40	4500	113	19
0052416	RANA LED R 600 HO 4K LOUV+PRI D	DALI	595x595x60	40	4500	113	19
0052417	RANA LED R 600 HO 4K LOUV+PRI 1-10	1-10V	595x595x60	40	4500	113	19
0052517	RANA LED R 600 HO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	595x595x60	41	4500	110	19
0052419	RANA LED R 600 HO 4K LOUV+PRI EM	Emergency 3 hours	595x595x60	44	4500	102	19
0052420	RANA LED R 600 HO 4K LOUV+PRI D EMPRO	DALI + Emergency PRO 3 hours	595x595x60	44	4500	102	19

Legend: S = Suspended; R = Recessed; ASYM = Asymmetric; LO = Low Output; HO = High Output; 3K = Warm White 3000K; 4K = Neutral White 4000K

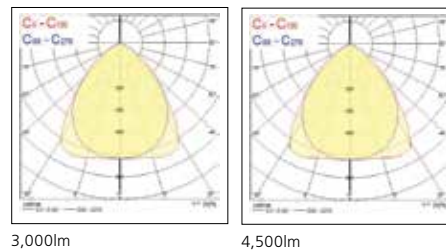
## Additional Images



## Dimensions (mm)



## Photometric data



# RANA LED Recessed 1200



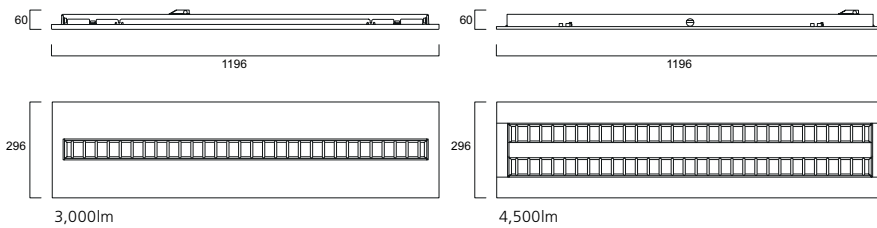
Code	Description	Control Technology	Luminaire Dimensions (mm)	System Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	UGR
<b>1200 x 300 mm - 3,000 lm</b>							
<b>3,000K</b>							
0052422	RANA LED R 1200 LO 3K LOUV+PRI	Constant Current	1196x296x60	28	2900	104	19
0052423	RANA LED R 1200 LO 3K LOUV+PRI D	DALI	1196x296x60	28	2900	104	19
0052424	RANA LED R 1200 LO 3K LOUV+PRI 1-10	1-10V	1196x296x60	28	2900	104	19
<b>4,000K</b>							
0052426	RANA LED R 1200 LO 4K LOUV+PRI	Constant Current	1196x296x60	28	3100	111	19
0052427	RANA LED R 1200 LO 4K LOUV+PRI D	DALI	1196x296x60	28	3100	111	19
0052428	RANA LED R 1200 LO 4K LOUV+PRI 1-10	1-10V	1196x296x60	28	3100	111	19
0052522	RANA LED R 1200 LO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	1196x296x60	29	3100	107	19
0052430	RANA LED R 1200 LO 4K LOUV+PRI EM	Emergency 3 hours	1196x296x60	32	3100	97	19
0052431	RANA LED R 1200 LO 4K LOUV+PRI D EMPRO	DALI + Emergency PRO 3 hours	1196x296x60	32	3100	97	19
<b>1200 x 300 mm - 6,000 lm</b>							
<b>3,000K</b>							
0052433	RANA LED R 1200 HO 3K LOUV+PRI	Constant Current	1196x296x60	52	5800	112	19
0052434	RANA LED R 1200 HO 3K LOUV+PRI D	DALI	1196x296x60	52	5800	112	19
0052435	RANA LED R 1200 HO 3K LOUV+PRI 1-10	1-10V	1196x296x60	52	5800	112	19
<b>4,000K</b>							
0052437	RANA LED R 1200 HO 4K LOUV+PRI	Constant Current	1196x296x60	52	6000	115	19
0052438	RANA LED R 1200 HO 4K LOUV+PRI D	DALI	1196x296x60	52	6000	115	19
0052439	RANA LED R 1200 HO 4K LOUV+PRI 1-10	1-10V	1196x296x60	52	6000	115	19
0052527	RANA LED R 1200 HO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	1196x296x60	54	6000	111	19
0052441	RANA LED R 1200 HO 4K LOUV+PRI EM	Emergency 3 hours	1196x296x60	57	6000	105	19
0052442	RANA LED R 1200 HO 4K LOUV+PRI D EMPRO	DALI + Emergency PRO 3 hours	1196x296x60	57	6000	105	19

Legend: S = Suspended; R = Recessed; ASYM = Asymmetric; LO = Low Output; HO = High Output; 3K = Warm White 3000K; 4K = Neutral White 4000K

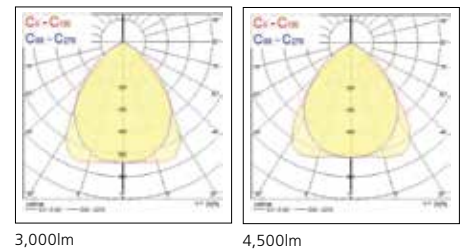
## Additional Images



## Dimensions (mm)



## Photometric data



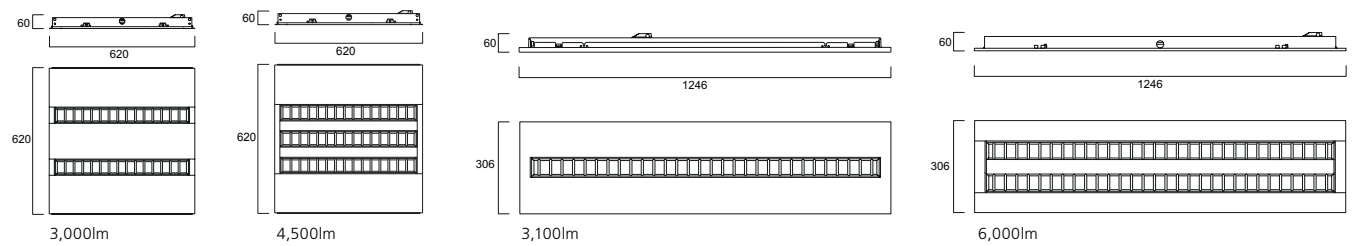
# RANA LED Recessed 625 & 1250



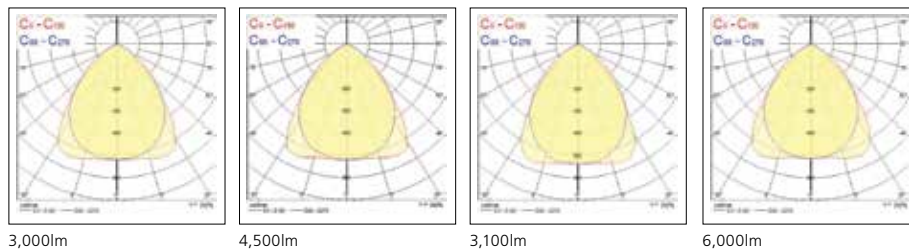
Code	Description	Control Technology	Luminaire Dimensions (mm)	System Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	UGR
<b>625 x 625 mm - 3,000 lm</b>							
4,000K							
0052453	RANA LED R 625 LO 4K LOUV+PRI	Constant Current	620x620x60	28	3000	107	16
0052454	RANA LED R 625 LO 4K LOUV+PRI D	DALI	620x620x60	28	3000	107	16
0052533	RANA LED R 625 LO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	620x620x60	29	3000	103	16
<b>625 x 625 mm - 4500 lm</b>							
4,000K							
0052462	RANA LED R 625 HO 4K LOUV+PRI	Constant Current	620x620x60	40	4500	113	19
0052463	RANA LED R 625 HO 4K LOUV+PRI D	DALI	620x620x60	40	4500	113	19
0052535	RANA LED R 625 HO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	620x620x60	41	4500	110	19
<b>1250 x 312.5 mm - 3100 lm</b>							
4,000K							
0052471	RANA LED R 1250 LO 4K LOUV+PRI	Constant Current	1246x306x60	28	3100	111	19
0052472	RANA LED R 1250 LO 4K LOUV+PRI D	DALI	1246x306x60	28	3100	111	19
0052537	RANA LED R 1250 LO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	1246x306x60	29	3100	107	19
<b>1250 x 312.5 mm - 6000 lm</b>							
4,000K							
0052488	RANA LED R 1250 HO 4K LOUV+PRI	Constant Current	1246x306x60	54	6000	111	19
0052489	RANA LED R 1250 HO 4K LOUV+PRI D	DALI	1246x306x60	54	6000	111	19
0052539	RANA LED R 1250 HO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	1246x306x60	54	6000	111	19

Legend: S = Suspended; R = Recessed; ASYM = Asymmetric; LO = Low Output; HO = High Output; 3K = Warm White 3000K; 4K = Neutral White 4000K

## Dimensions (mm)



## Photometric data





# RANA LED Surface 600



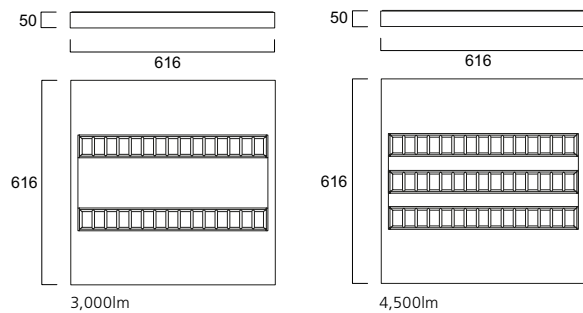
Code	Description	Control Technology	Luminaire Dimensions (mm)	System Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	UGR
<b>600 x 600 mm - 3,000 lm</b>							
<b>3,000K</b>							
0051454	RANA LED S 600 LO 3K LOUV+PRI	Constant Current	616x616x47	28	2800	100	16
0051455	RANA LED S 600 LO 3K LOUV+PRI D	DALI	616x616x47	28	2800	100	16
0051456	RANA LED S 600 LO 3K LOUV+PRI 1-10	1-10V	616x616x47	28	2800	100	16
<b>4,000K</b>							
0051458	RANA LED S 600 LO 4K LOUV+PRI	Constant Current	616x616x47	28	3000	107	16
0051459	RANA LED S 600 LO 4K LOUV+PRI D	DALI	616x616x47	28	3000	107	16
0051460	RANA LED S 600 LO 4K LOUV+PRI 1-10	1-10V	616x616x47	28	3000	107	16
0051857	RANA LED S 600 LO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	616x616x47	29	3000	103	16
0051462	RANA LED S 600 LO 4K LOUV+PRI EM	Emergency 3 hours	616x616x47	32	3000	94	16
0051463	RANA LED S 600 LO 4K LOUV+PRI D EMPRO	DALI + Emergency PRO 3 hours	616x616x47	32	3000	94	16
<b>600 x 600 mm - 4,500 lm</b>							
<b>3,000K</b>							
0051465	RANA LED S 600 HO 3K LOUV+PRI	Constant Current	616x616x47	40	4300	108	19
0051466	RANA LED S 600 HO 3K LOUV+PRI D	DALI	616x616x47	40	4300	108	19
0051467	RANA LED S 600 HO 3K LOUV+PRI 1-10	1-10V	616x616x47	40	4300	108	19
<b>4,000K</b>							
0051469	RANA LED S 600 HO 4K LOUV+PRI	Constant Current	616x616x47	40	4500	113	19
0051470	RANA LED S 600 HO 4K LOUV+PRI D	DALI	616x616x47	40	4500	113	19
0051471	RANA LED S 600 HO 4K LOUV+PRI 1-10	1-10V	616x616x47	40	4500	113	19
0051862	RANA LED S 600 HO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	616x616x47	41	4500	110	19
0051473	RANA LED S 600 HO 4K LOUV+PRI EM	Emergency 3 hours	616x616x47	44	4500	102	19
0051474	RANA LED S 600 HO 4K LOUV+PRI D EMPRO	DALI + Emergency PRO 3 hours	616x616x47	44	4500	102	19

Legend: S = Suspended; R = Recessed; ASYM = Asymmetric; LO = Low Output; HO = High Output; 3K = Warm White 3000K; 4K = Neutral White 4000K

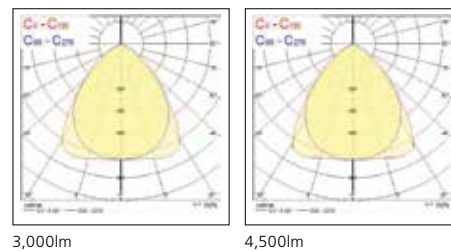
## Additional Images



## Dimensions (mm)



## Photometric data



3,000lm

4,500lm

# RANA LED Surface 1200



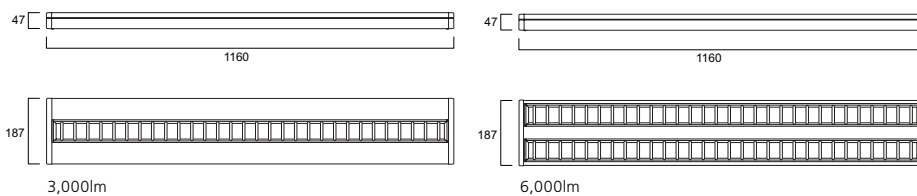
Code	Description	Control Technology	Luminaire Dimensions (mm)	System Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	UGR
<b>1200 x 200 mm - 3,000 lm</b>							
<b>3,000K</b>							
0051476	RANA LED S 1200 LO 3K LOUV+PRI	Constant Current	1160x187x47	28	2900	104	19
0051477	RANA LED S 1200 LO 3K LOUV+PRI D	DALI	1160x187x47	28	2900	104	19
0051478	RANA LED S 1200 LO 3K LOUV+PRI 1-10	1-10V	1160x187x47	28	2900	104	19
<b>4,000K</b>							
0051480	RANA LED S 1200 LO 4K LOUV+PRI	Constant Current	1160x187x47	28	3100	111	19
0051481	RANA LED S 1200 LO 4K LOUV+PRI D	DALI	1160x187x47	28	3100	111	19
0051482	RANA LED S 1200 LO 4K LOUV+PRI 1-10	1-10V	1160x187x47	28	3100	111	19
0051867	RANA LED S 1200 LO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	1160x187x47	29	3100	107	19
0051484	RANA LED S 1200 LO 4K LOUV+PRI EM	Emergency 3 hours	1160x187x47	32	3100	97	19
0051485	RANA LED S 1200 LO 4K LOUV+PRI D EMPRO	DALI + Emergency PRO 3 hours	1160x187x47	32	3100	97	19
<b>1200 x 200 mm - 6,000 lm</b>							
<b>3,000K</b>							
0051487	RANA LED S 1200 HO 3K LOUV+PRI	Constant Current	1160x187x47	52	5800	112	19
0051488	RANA LED S 1200 HO 3K LOUV+PRI D	DALI	1160x187x47	52	5800	112	19
0051489	RANA LED S 1200 HO 3K LOUV+PRI 1-10	1-10V	1160x187x47	52	5800	112	19
<b>4,000K</b>							
0051491	RANA LED S 1200 HO 4K LOUV+PRI	Constant Current	1160x187x47	52	6000	115	19
0051492	RANA LED S 1200 HO 4K LOUV+PRI D	DALI	1160x187x47	52	6000	115	19
0051493	RANA LED S 1200 HO 4K LOUV+PRI 1-10	1-10V	1160x187x47	52	6000	115	19
0051872	RANA LED S 1200 HO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	1160x187x47	54	6000	111	19
0051495	RANA LED S 1200 HO 4K LOUV+PRI EM	Emergency 3 hours	1160x187x47	57	6000	105	19
0051496	RANA LED S 1200 HO 4K LOUV+PRI D EMPRO	DALI + Emergency PRO 3 hours	1160x187x47	57	6000	105	19

Legend: S = Suspended; R = Recessed; ASYM = Asymmetric; LO = Low Output; HO = High Output; 3K = Warm White 3000K; 4K = Neutral White 4000K

## Additional Images



## Dimensions (mm)



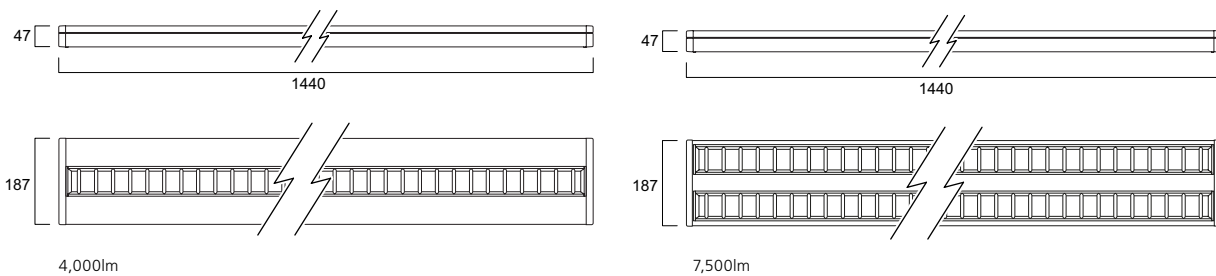
# RANA LED Surface 625 & 1250



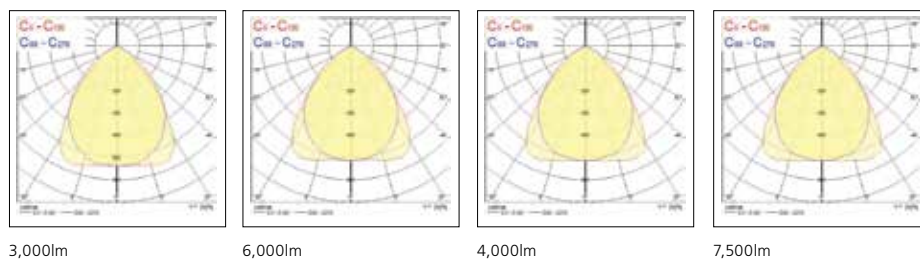
Code	Description	Control Technology	Luminaire Dimensions (mm)	System Power (W)	Luminous Flux (lm)	Efficacy (lm/W)	UGR
<b>1500 x 200 mm - 4,000 lm</b>							
<b>3,000K</b>							
0051501	RANA LED S 1500 LO 3K LOUV+PRI	Constant Current	1440x187x47	34	3700	109	19
0051502	RANA LED S 1500 LO 3K LOUV+PRI D	DALI	1440x187x47	34	3700	109	19
<b>4,000K</b>							
0051505	RANA LED S 1500 LO 4K LOUV+PRI	Constant Current	1440x187x47	34	4000	118	19
0051506	RANA LED S 1500 LO 4K LOUV+PRI D	DALI	1440x187x47	34	4000	118	19
0051878	RANA LED S 1500 LO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	1440x187x47	35	4000	114	19
<b>1500 x 200 mm - 7,500 lm</b>							
<b>3,000K</b>							
0051527	RANA LED S 1500 HO 3K LOUV+PRI	Constant Current	1440x187x47	62	7000	113	19
0051528	RANA LED S 1500 HO 3K LOUV+PRI D	DALI	1440x187x47	62	7000	113	19
<b>4,000K</b>							
0051531	RANA LED S 1500 HO 4K LOUV+PRI	Constant Current	1440x187x47	62	7500	121	19
0051532	RANA LED S 1500 HO 4K LOUV+PRI D	DALI	1440x187x47	62	7500	121	19
0051880	RANA LED S 1500 HO 4K LOUV+PRI SSC01	Sylsmart Standalone Office	1440x187x47	63	7500	119	19

Legend: S = Suspended; R = Recessed; ASYM = Asymmetric; LO = Low Output; HO = High Output; 3K = Warm White 3000K; 4K = Neutral White 4000K

## Dimensions (mm)



## Photometric data





# RANA LED Asymmetric



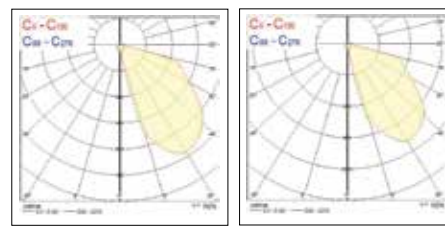
Code	Description	Control Technology	Luminaire Dimensions (mm)	System Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
<b>RANA LED Surface 1200 Asymmetric</b>						
3,000K						
0051659	RANA LED S 1200 ASYM LO 3K	Constant Current	1160x187x47	28	3200	114
0051973	RANA LED S 1200 ASYM LO 3K D	DALI	1160x187x47	28	3200	114
4,000K						
0051660	RANA LED S 1200 ASYM LO 4K	Constant Current	1160x187x47	28	3250	116
0051974	RANA LED S 1200 ASYM LO 4K D	DALI	1160x187x47	28	3250	116
<b>RANA LED Surface 1500 Asymmetric</b>						
3,000K						
0051661	RANA LED S 1500 ASYM LO 3K	Constant Current	1440x187x47	34	3900	115
0051975	RANA LED S 1500 ASYM LO 3K D	DALI	1440x187x47	34	3900	115
4,000K						
0051662	RANA LED S 1500 ASYM LO 4K	Constant Current	1440x187x47	34	4100	121
0051976	RANA LED S 1500 ASYM LO 4K D	DALI	1440x187x47	34	4100	121
<b>RANA LED Recessed 1200 Asymmetric</b>						
3,000K						
0052502	RANA LED R 1200 ASYM LO 3K	Constant Current	1196x296x60	28	3200	114
0052544	RANA LED R 1200 ASYM LO 3K D	DALI	1196x296x60	28	3200	114
4,000K						
0052503	RANA LED R 1200 ASYM LO 4K	Constant Current	1196x296x60	28	3250	116
0052545	RANA LED R 1200 ASYM LO 4K D	DALI	1196x296x60	28	3250	116

Legend: S = Suspended; R = Recessed; ASYM = Asymmetric; LO = Low Output; HO = High Output; 3K = Warm White 3000K; 4K = Neutral White 4000K

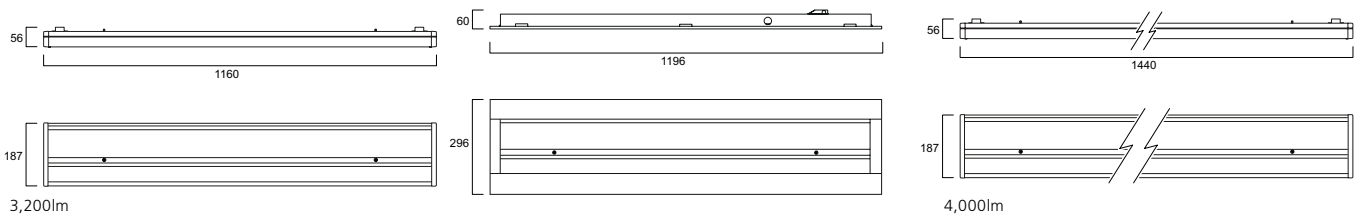
## Additional Images



## Photometric data



## Dimensions (mm)



## Accessories

Code	Description
0050581	SUSPENSION KIT RANA SQUARE Suspension kit containing 4 x metallic cables of length 1.5m + 4 x ceiling attachments + 2 x 4 power cable clips
5050568	RANA ACC FULL SUSP + POWER 3CORE SET 1W Suspension and Power kit containing 2 x Suspension Metallic Cables (Y shaped) of length 1.5m + 2 x Ceiling Attachments + 2m White Power Cable 3 x 1.5mm <sup>2</sup> + 1 x Ceiling Rose with inner connectors + 4 x Cable Clips
5050571	RANA ACC FULL SUSP + POWER 5CORE SET 2W Suspension and Power kit containing 2 x Suspension Metallic Cables (Y shaped) of length 1.5m + 2 x Ceiling Attachments + 2m White Power Cable 5 x 1.5mm <sup>2</sup> + 1 x Ceiling Rose with inner connectors + 4 x Cable Clips
5050574	RANA ACC FULL SUSP + POWER 3CORE SET 1T Suspension and Power kit containing 2 x Suspension Metallic Cables (Y shaped) of length 1.5m + 2 x Ceiling Attachments + 2m Transparent Power Cable 3 x 1.5mm <sup>2</sup> + 1 x Ceiling Rose with inner connectors + 4 x Cable Clips
5050577	RANA ACC FULL SUSP + POWER 5CORE SET 2T Suspension and Power kit containing 2 x Suspension Metallic Cables (Y shaped) of length 1.5m + 2 x Ceiling Attachments + 2m Transparent Power Cable 5 x 1.5mm <sup>2</sup> + 1 x Ceiling Rose with inner connectors + 4 x Cable Clips
5050580	RANA ACC SUSP + TW 3CORE 1200 SET 3 Suspension and Through Wiring kit containing 2 x Suspension Metallic Cables (Y shaped) of length 1.5m + 2 x Ceiling Attachments + 1200mm Trough Wiring 3 x 1,5mm <sup>2</sup> + 3 x Adhesive Cable Guide Clips + 4 x Power Cable Clips + 1 x End-Cap Grommet Clip
5050583	RANA ACC SUSP + TW 5CORE 1200 SET 4 Suspension and Through Wiring kit containing 2 x Suspension Metallic Cables (Y shaped) of length 1.5m + 2 x Ceiling Attachments + 1200mm Trough Wiring 5 x 1,5mm <sup>2</sup> + 3 x Adhesive Cable Guide Clips + 4 x Power Cable Clips + 1 x End-Cap Grommet Clip
5050586	RANA ACC SUSP + TW 3CORE 1500 SET 5 Suspension and Through Wiring kit containing 2 x Suspension Metallic Cables (Y shaped) of length 1.5m + 2 x Ceiling Attachments + 1500mm Trough Wiring 3 x 1,5mm <sup>2</sup> + 3 x Adhesive Cable Guide Clips + 4 x Power Cable Clips + 1 x End-Cap Grommet Clip
5050589	RANA ACC SUSP + TW 5CORE 1500 SET 6 Suspension and Through Wiring kit containing 2 x Suspension Metallic Cables (Y shaped) of length 1.5m + 2 x Ceiling Attachments + 1500mm Trough Wiring 5 x 1,5mm <sup>2</sup> + 3 x Adhesive Cable Guide Clips + 4 x Power Cable Clips + 1 x End-Cap Grommet Clip
5050604	RANA ACC CEILING ROSE Ceiling Rose with inner connector
5050616	RANA ACC TW 3CORE 1500 Through Wiring kit containing 1500mm Trough Wiring 3 x 1,5mm <sup>2</sup> + 3 x Adhesive Cable Guide Clips
5050619	RANA ACC TW 5CORE 1500 Through Wiring kit containing 1500mm Trough Wiring 5 x 1,5mm <sup>2</sup> + 3 x Adhesive Cable Guide Clips
5050622	RANA ACC LINE CLIPS 10PCS 10 x End-Cap Grommet Clips
5054686	UNIVERSAL SUSPENSION KIT 1.5M Suspension kit containing 2 x metallic cables of length 1.5m + 2 x ceiling attachments + 4 power cable clips
0047416	PLASTERBOARD PULL-UP FRAME 600 x 600 Metallic frame for installation of 600 x 600 lay-in T-Grid ceiling recessed luminaires in Plasterboard ceilings. Includes side brackets, screws and washers.
0047418	PLASTERBOARD PULL-UP FRAME 1200 X 300 Metallic frame for installation of 1200 x 300 lay-in T-Grid ceiling recessed luminaires in Plasterboard ceilings. Includes side brackets, screws and washers.



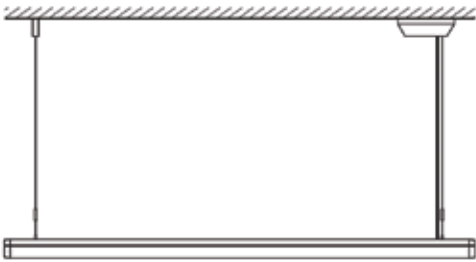
## Suspension kits for 1 luminaire 1200 x 200 or 1500 x 200

For each individual suspended luminaire 1200x200, please use 1 of the 4 following kits

- 5050568** RANA ACC FULL SUSP + POWER 3CORE SET 1W
- 5050571** RANA ACC FULL SUSP + POWER 5CORE SET 2W
- 5050574** RANA ACC FULL SUSP + POWER 3CORE SET 1T
- 5050577** RANA ACC FULL SUSP + POWER 5CORE SET 2T

Each Suspension and Power kit containing:

- 2 x suspension metallic cables ('y' shaped) of length 1.5m
- 2 x stainless steel ceiling attachments
- 2m power cable (white or transparent, 3 or 5 x 1.5mm<sup>2</sup>)
- 1 x ceiling rose with inner connectors
- 4 x cable clips (to link power cable to suspension cable)



## Suspension accessories for 1 luminaire 600x600

For each individual 600x600 suspended luminaire, please use 1:

- 0050581** SUSPENSION KIT RANA SQUARE

Containing:

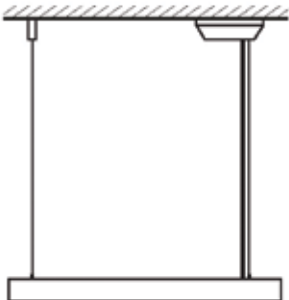
- 4 x metallic cables ('i' shaped) of length 1.5m
- 4 x stainless steel ceiling attachments
- 2 x 4 cable clips (to link power cables, in and out, to suspension cables)

And 1:

- 5050604** RANA ACC CEILING ROSE

Containing:

- 1 x ceiling rose with inner connectors  
(Power cable to be supplied separately)



## Suspension kits for (x) luminaires 1200x200 or 1500x200 in continuous run

For a continuous run of (x) suspended luminaires 1200x200, please use 1 of the 4 following kits:

- 5050568** RANA ACC FULL SUSP + POWER 3CORE SET 1W
- 5050571** RANA ACC FULL SUSP + POWER 5CORE SET 2W
- 5050574** RANA ACC FULL SUSP + POWER 3CORE SET 1T
- 5050577** RANA ACC FULL SUSP + POWER 5CORE SET 2T

Each Suspension and Power kit containing:

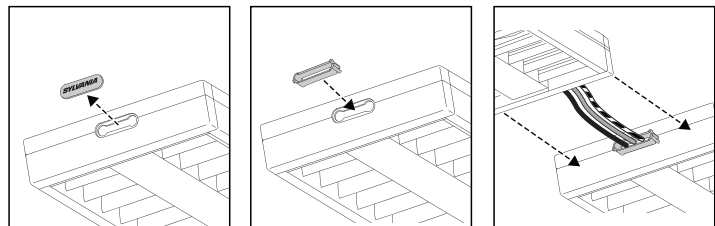
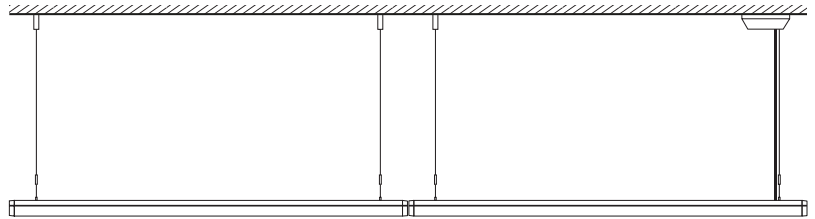
- 2 x suspension metallic cables ('y' shaped) of length 1.5m
- 2 x stainless steel ceiling attachments
- 2m power cable (white or transparent, 3 or 5 x 1.5mm<sup>2</sup>)
- 1 x ceiling rose with inner connectors
- 4 x cable clips (to link power cable to suspension cable)

and (x-1) of the following Suspension and Through Wiring kits:

- 5050580** RANA ACC SUSP + TW 3CORE 1200 SET 3
- 5050583** RANA ACC SUSP + TW 5CORE 1200 SET 4
- 5050586** RANA ACC SUSP + TW 3CORE 1500 SET 5
- 5050589** RANA ACC SUSP + TW 5CORE 1500 SET 6

Each containing:

- 2 x suspension metallic cables ('y' shaped) of length 1.5m
- 2 x stainless steel ceiling attachments
- 3 or 5 x trough wiring wires (1200mm or 1500mm, 1,5mm<sup>2</sup>)
- 3 x adhesive cable guide clips
- 1 x end-cap grommet clip (for mechanical connection and through wiring between 2 luminaires)



## Surface kits for (x) luminaires 1200x200 or 1500x200 in continuous run

For a continuous run of (x) surface mounted luminaires 1200x200, please use (x-1) of the 2 following kits:

- 5050616** RANA ACC TW 3CORE 1500
- 5050619** RANA ACC TW 5CORE 1500

Each containing:

- 3 or 5 Trough Wiring wires 1500mm 1,5mm<sup>2</sup>
- 3 x adhesive cable guide clips

And (x -1) / 10 of

- 5050622** RANA ACC LINE CLIPS 10PCS

Containing:

- 10 x end-cap grommet clip (for mechanical connection between 2 luminaires) (Power cable to be supplied separately)

