

# Aava

LED

Aava is a reliable and efficient office luminaire. Aava doubles the light and is at its best in class rooms, offices and workpoints.



## Optics

Ensto luminaires include variable possibilities for optical solutions to choose from. Symmetric, wide and many others, our product families have several options for light distribution and -output to fit your project and demand.

## Tunable White

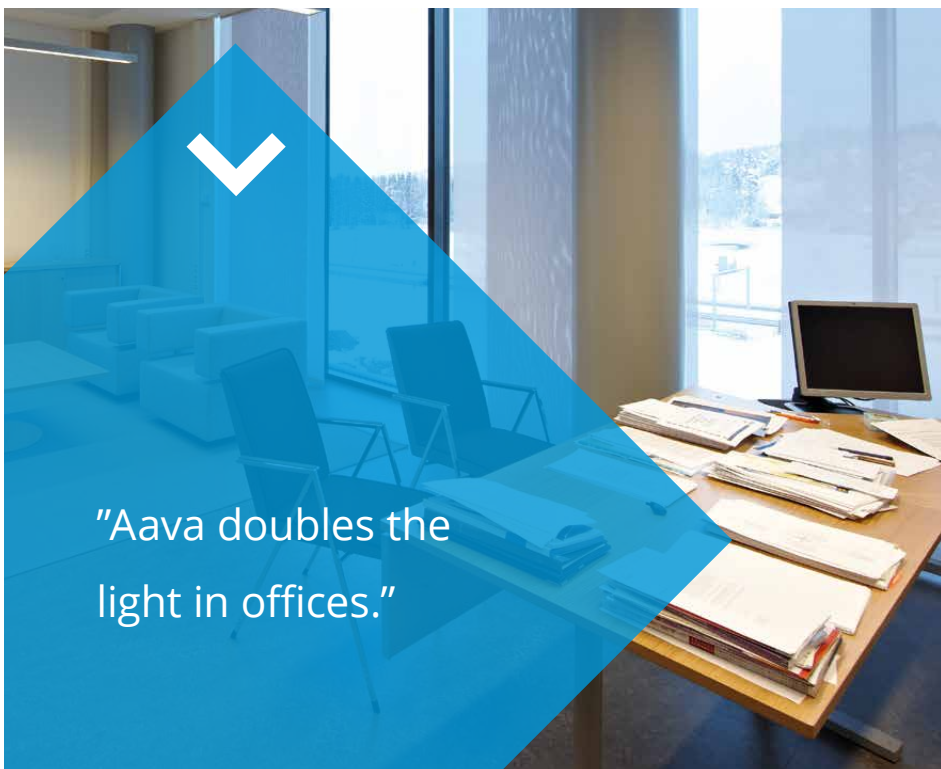
Ensto luminaires with Tunable White -solution are a base for Human Centric lighting. You can integrate Ensto TW -luminaires into numerous control systems which operate steplessly between 2700 K and 6500 K. Tunable White -solution is perfect for modern office use.

## DALI

DALI drivers enable luminaires to be connected to DALI based control systems and Smart Buildings. Compared to a fixed output installation, the dimming and individual control capability provided by DALI enables considerable energy savings and control, depending on luminaire specifications.

## Dimming

Ensto can provide many dimming possibilities for luminaires. 1-10V, Switch Dim, DALI and base light are just few examples of possibilities to change the light output to fit your premises.



"Aava doubles the light in offices."



Aava louvre with square end caps



Aava louvre with round end caps



Aava microprism with round end caps

### Structure

- › Body and end caps white powder coated (RAL 9016) structure painted aluminium
- › Low luminance aluminium louvre, Microprismatic optics polycarbonate, UGR19.
- › Models:
  - Direct light models for surface and wire suspension mounting
  - Uplight models (U), uplight 35%
  - Square (S) or rounded (R) end caps
- › IP20
- › Connected load and luminous flux, see table
- › LED module lifespan  $T_a=25\text{ °C}$ :
  - >100 000 h (L70)
  - 100 000 h (L80)
  - 71 000 h (L90) (louvre)
  - 54 000 h (L90) (microprism)
- › LED driver lifetime  $T_a=25\text{ °C}$ :
  - 100 000 h (max. 10 % failure rate)

### Mounting

- › Wire suspension. Freely adjustable suspension points.
- › Surface mounting
- › Mounting accessories to be ordered separately

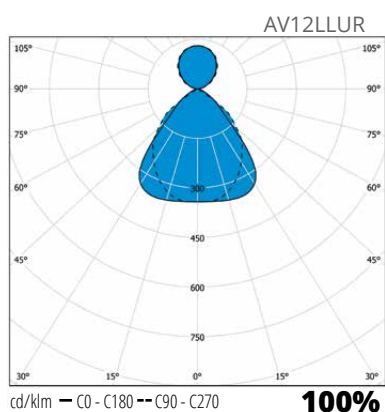
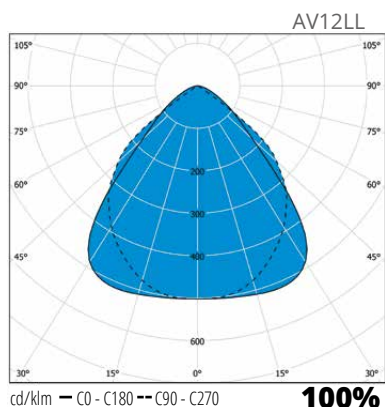
### Made to order

- › Pull cord, connection lead
- › 3000K models /3K
- › Tunable white models /TW
- › Project specific luminous flux packages

E number	Type	Product name	Length	Luminous flux	Optics	Control
<b>Aava suspended/surface mount, square end caps</b>						
42 606 02	AV12LLS	AV12LLS LED 34W/840 L	1230	4500 lm	louvre	
42 607 03	AV12LLSED	AV12LLSED LED 34W/840 L DA	1230	4500 lm	louvre	DALI
42 606 44	AV12MMS	AV12MMS LED 28W/840 M	1230	3300 lm	microprism	
42 607 14	AV12MMSED	AV12MMSED LED 28W/840 M DA	1230	3300 lm	microprism	DALI
42 606 68	AV15LLS	AV15LLS LED 42W/840 L	1510	5400 lm	louvre	
42 607 30	AV15LLSED	AV15LLSED LED 42W/840 L DA	1510	5400 lm	louvre	DALI
42 606 92	AV15MMS	AV15MMS LED 34W/840 M	1510	4130 lm	microprism	
42 607 41	AV15MMSED	AV15MMSED LED 34W/840 M DA	1510	4130 lm	microprism	DALI
<b>Aava with uplight, square end caps</b>						
42 606 05	AV12LLUS	AV12LLUS LED 51W/840 L	1230	6850 lm	louvre	
42 607 05	AV12LLUSED	AV12LLUSED LED 51W/840 L DA	1230	6850 lm	louvre	DALI
42 606 50	AV12MMUS	AV12MMUS LED 54W/840 M	1230	7550 lm	microprism	
42 607 18	AV12MMUSED	AV12MMUSED LED 54W/840 M DA	1230	7550 lm	microprism	DALI
42 606 74	AV15LLUS	AV15LLUS LED 65W/840 L	1510	8220 lm	louvre	
42 607 32	AV15LLUSED	AV15LLUSED LED 65W/840 L DA	1510	8220 lm	louvre	DALI
42 606 96	AV15MMUS	AV15MMUS LED 67W/840 M	1510	9450 lm	microprism	
42 607 43	AV15MMUSED	AV15MMUSED LED 67W/840 M DA	1510	9450 lm	microprism	DALI

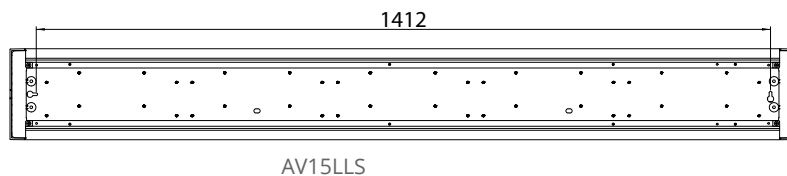
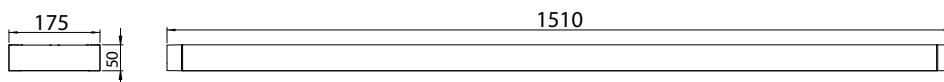
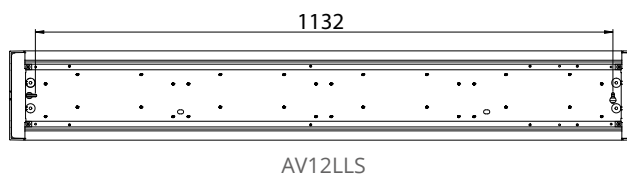
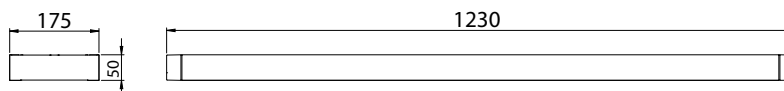


E number	Type	Product name	Length	Luminous flux	Optics	Control
<b>Aava suspended/surface mount, round end caps</b>						
42 606 04	AV12LLR	AV12LLR LED 34W/840 L	1230	4500 lm	louvre	
42 607 04	AV12LLRED	AV12LLRED LED 34W/840 L DA	1230	4500 lm	louvre	DALI
42 606 47	AV12MMR	AV12MMR LED 28W/840 M	1230	3300 lm	microprism	
42 607 15	AV12MMRED	AV12MMRED LED 28W/840 M DA	1230	3300 lm	microprism	DALI
42 606 71	AV15LLR	AV15LLR LED 42W/840 L	1510	5400 lm	louvre	
42 607 31	AV15LLRED	AV15LLRED LED 42W/840 L DA	1510	5400 lm	louvre	DALI
42 606 94	AV15MMR	AV15MMR LED 34W/840 M	1510	4130 lm	microprism	
42 607 42	AV15MMRED	AV15MMRED LED 34W/840 M DA	1510	4130 lm	microprism	DALI
<b>Aava with uplight, round end caps</b>						
42 606 06	AV12LLUR	AV12LLUR LED 51W/840 L	1230	6850 lm	louvre	
42 607 07	AV12LLURED	AV12LLURED LED 51W/840 L DA	1230	6850 lm	louvre	DALI
42 606 53	AV12MMUR	AV12MMUR LED 54W/840 M	1230	7550 lm	microprism	
42 607 22	AV12MMURED	AV12MMURED LED 54W/840 M DA	1230	7550 lm	microprism	DALI
42 606 77	AV15LLUR	AV15LLUR LED 65W/840 L	1510	8220 lm	louvre	
42 607 33	AV15LLURED	AV15LLURED LED 65W/840 L DA	1510	8220 lm	louvre	DALI
42 606 97	AV15MMUR	AV15MMUR LED 67W/840 M	1510	9450 lm	microprism	
42 607 45	AV15MMURED	AV15MMURED LED 67W/840 M DA	1510	9450 lm	microprism	DALI
<b>Aava accessories</b>						
42 605 96	RVLX05	RVLX05 WIRE SUS.SET 1,5M				susp. Wire set 1,5 m with friction locks



Luminaires per miniature circuit breaker	B10	B16	C10	C16
AV12LL...	22	36	37	61
AV12LL...ED	22	36	37	61
AV12MM...	22	36	37	61
AV12MM...ED	22	36	37	61
AV15LL...	19	31	32	52
AV15LL...ED	15	24	24	40
AV15MM...	22	36	37	61
AV15MM...ED	22	36	37	61

Luminaires per miniature circuit breaker	B10	B16	C10	C16
AV12LLU...	19	31	32	52
AV12LLU...ED	15	24	24	40
AV12MMU...	15	24	24	40
AV12MMU...ED	15	24	24	40
AV15LLU...	15	24	24	40
AV15LLU...ED	15	24	24	40
AV15MMU...	15	24	24	40
AV15MMU...ED	15	24	24	40





✓

Aava is a slimlined and energy-efficient office luminaire best suited for open-plan offices, class rooms and workpoints.

