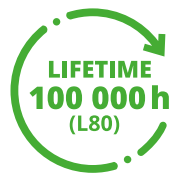




# Avara

LED

Avara is an aesthetic and graceful pendant luminaire best suited for offices and meeting rooms.



## Helvar ActiveAhead

ActiveAhead is a self-learning, wirelessly networked and future proof control system. ActiveAhead luminaires listen and learn by themselves and from each other to make sure that there is always light on your way. Plug'n play, no programming or commissioning needed.

## 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.

## 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.

## 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.

"Avara brightens up your meetings."





Avara with square end caps



Avara with round end caps

### Structure

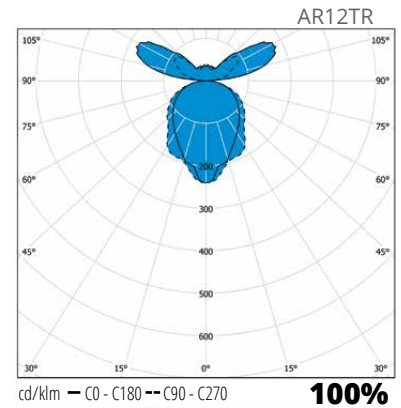
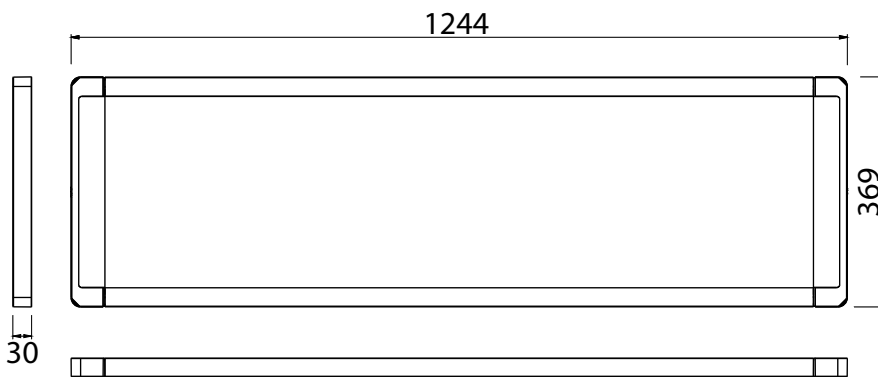
- › Body and end caps white powder coated (RAL 9016) structure painted aluminium
- › Transparent acrylic light guide, UGR < 19
- › Models:  
Square (S) or rounded (R) end caps  
Uplight 40%
- › CRI > 80. Tunable White -models CRI > 90
- › IP20
- › Connected load and luminous flux, see table
- › LED module lifespan  $T_a=25\text{ }^\circ\text{C}$ :  
>100 000 h (L70)  
100 000 h (L80)  
92 000 h (L90)
- › LED driver lifetime  $T_a=25\text{ }^\circ\text{C}$ :  
100 000 h (max. 10 % failure rate)

### Mounting

- › Wire suspension with included suspension set
- › On/off- and sensor models delivered with textile covered cable and Schuko plug
- › DALI- and Tunable White -models with 5-pole textile covered cable
- › Cable length 2,5 m

### Made to order

- › Project specific luminous flux packages



Luminaires per miniature circuit breaker	B10	B16	C10	C16
AR12T...	17	27	28	45
AR12T...ED	18	29	30	49

E number	Type	Product name	Luminous flux	Control
<b>Avara suspension luminaire, square end caps</b>				
42 607 47	AR12TS	AR12TS LED 43W/840	5800 lm	
42 607 57	AR12TS/3K	AR12TS/3K LED 43W/830	5500 lm	
42 607 49	AR12TSED	AR12TSED LED 43W/840 DA	5800 lm	DALI
42 607 60	AR12TSED/3K	AR12TSED/3K LED 43W/830 DA	5500 lm	DALI
42 613 63	AR12TSAAG2	AR12TSAAG2 LED 43W/840 AA Gen 2	5800 lm	ActiveAhead
42 613 64	AR12TSAAG2/3K	AR12TSAAG2/3K LED 43W/830 AA Gen 2	5500 lm	ActiveAhead
42 607 52	AR12TS/TW	AR12TS/TW LED 52W/927-965	5800 lm	Tunable White
<b>Avara suspension luminaire, round end caps</b>				
42 607 48	AR12TR	AR12TR LED 43W/840	5800 lm	
42 607 58	AR12TR/3K	AR12TR/3K LED 43W/830	5500 lm	
42 607 50	AR12TRED	AR12TRED LED 43W/840 DA	5800 lm	DALI
42 607 61	AR12TRED/3K	AR12TRED/3K LED 43W/830 DA	5500 lm	DALI
42 613 61	AR12TRAAG2	AR12TRAAG2 LED 43W/840 AA Gen 2	5800 lm	ActiveAhead
42 613 62	AR12TRAAG2/3K	AR12TRAAG2/3K LED 43W/830 AA Gen 2	5500 lm	ActiveAhead
42 607 53	AR12TR/TW	AR12TR/TW LED 52W/927-965	5800 lm	Tunable White