



# Alpo

LED

Alpo is universal and working zone LED luminaire for offices and other public premises. The luminaire is suitable for direct and direct/indirect lighting combination. In the product range can be found solutions for majority of office environments.

## 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.

## 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.

## 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.

## 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.

## 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.



"Multi-purpose Alpo suites well for many locations."



Alpo matte-anodised louvre (31)



Alpo with integrated sensor

### Structure

- › Body - white (RAL 9016) powder coated steel
- › Reflector - gloss anodised aluminium
- › Louvre anodised aluminium: low-luminance semigloss anodised (33)
- › Louvre is hinged and locked to the body
- › Models:  
Direct light  
Ambient light (Y=small uplight holes), 30% (LED)  
Board luminaires - assymmetric reflector with-out louvre
- › Cable entry holes (2xø 21 mm) at both ends of the luminaire, made-to-order without cable entry holes at the luminaire ends, LED-models without cable entry holes
- › LED-models with low-luminance louvre (semi-gloss anodised)  
Connected load and luminaire luminous flux, see table  
4000 K, Ra > 80, power factor 0,98  
Ambient temperature - 20 °C - + 25 °C
- › LED module lifespan T<sub>a</sub>=25 °C:  
>100 000 h (L70)  
100 000 h (L80)  
71 000 h (L90)
- › LED driver lifetime T<sub>a</sub>=25 °C:  
100 000 h (max. 10 % failure rate)

### Mounting

- › Directly to the ceiling or on a lighting suspension rail. Stand alone or continuous lines with ramp mounting kit RAMPPI/APLV (LED).
- › Wire suspension
- › Recess mounting with a separate recess frame
- › Recess hole = luminaire dimensions + 10 mm
- › -o- 5x2,5 mm<sup>2</sup> (Direct light and dimmable models)
- › -o- 3x2,5 mm<sup>2</sup> (Ambient and Direct/indirect light models)
- › Direct light models: connection point in the middle of the luminaire. Cable entry holes in the middle of the luminaire and next to the suspension point
- › Ambient and Direct/indirect light models: connection point at the end of the luminaire, next to the suspension point. Cable entry holes next to the suspension point.
- › Mounting accessories to be ordered separately

### Made to order

- › LED-models with 3000K colour temperature
- › LED-models with tunable white (2700-6500 K)
- › With pull cord switch, connection lead
- › With integrated sensor
- › With grey colour (RAL 9006)
- › With lighting track brackets
- › With luminaire integrated sensors. Check sensor specific availability from the product management.

E number	Type	Product name	Output	Base	Kg	Light distribution	A	E	Luminous flux	Control
<b>Alpo LED direct light models, with low-luminance louvre (semi-gloss anodised)</b>										
42 606 78	APL14433	APL14433 LED 32W/840 WH	32W	LED	3,2	K14	1187	1100	4110 lm	
42 606 79	APL14433ED	APL14433ED LED 29W/840 DALI	29W	LED	3,2	K14	1187	1100	4110 lm	DALI
42 606 84	APL15433	APL15433 LED 36W/840	36W	LED	3,9	K14	1487	1400	4919 lm	
42 606 85	APL15433ED	APL15433ED LED 36W/840 DALI	36W	LED	3,9	K14	1487	1400	4919 lm	DALI
<b>Alpo LED pull cord switch, direct light models, with low-luminance louvre (semi-gloss anodised)</b>										
42 170 00	APL14433V	APL14433V LED 29W/840 PS	29W	LED	3,2	K14	1187	1100	4110 lm	
42 170 06	APL14433ESV	APL14433ESV LED 29W/840 DPS	29W	LED	3,2	K14	1187	1100	4110 lm	
42 170 03	APL15433V	APL15433V LED 36W/840 PS	36W	LED	3,9	K14	1487	1400	4919 lm	
42 170 09	APL15433ESV	APL15433ESV LED 36W/840 DPS	36W	LED	3,9	K14	1487	1400	4919 lm	



E number	Type	Product name	Output	Base	Kg	Light distribution	A	E	Luminous flux	Control
<b>Alpo LED ambient light models, uplight 30 % with low-luminance louvre (semi-gloss anodised)</b>										
42 606 81	APL14433Y	APL14433Y LED 40W/840 U30	40W	LED	3,2	K15	1187	1100	5586 lm	
42 606 82	APL14433YED	APL14433YED LED 40W/840 U30 DALI	40W	LED	3,2	K15	1187	1100	5586 lm	DALI
42 606 87	APL15433Y	APL15433Y LED 50W/840 U30	50W	LED	3,9	K15	1487	1400	7110 lm	
42 606 88	APL15433YED	APL15433YED LED 50W/840 U30 DALI	50W	LED	3,9	K15	1487	1400	7110 lm	DALI
<b>Alpo LED ActiveAhead sensor luminaire</b>										
42 915 22	APL14433AA	APL14433AA LED 32W/840 WH AA	32W	LED	3,2	K14	1187	1100	4110 lm	ActiveAhead
42 915 26	APL14433YAA	APL14433YAA LED 48W/840 AA	48W	LED	3,2	K15	1187	1100	5586 lm	ActiveAhead
42 915 28	APL15433AA	APL15433AA LED 44W/840 WH AA	44W	LED	3,9	K14	1487	1400	4919 lm	ActiveAhead
42 915 29	APL15433YAA	APL15433YAA LED 60W/840 WH AA	60W	LED	3,9	K15	1487	1400	7110 lm	ActiveAhead
<b>Alpo board luminaire</b>										
42 603 24	APL154700	APL154700 LED 44W/840	44W	LED	3,9		1487	1400	4188 lm	
<b>Mounting accessories</b>										
42 660 60	RVLX01	RVLX01 WIRE SUSP.SET 1.5M	susp. wire set 1,5 m with friction locks							
42 660 61	RVLX02	RVLX02 WIRE SUSP.SET 1.5M Ø31	susp. wire set 1,5 m with friction locks, small ceiling cup ø 31 mm							
42 660 62	RVLX03	RVLX03 WIRE SUSP.SET 1.5M Ø67	susp. wire set 1,5 m with friction locks, large ceiling cup ø 67 mm							
42 661 08	RVLXT25	RVLXT25 WIRE SUSP.SET T-FRAME	susp. wire set with friction locks for T-frame							
42 653 63	SK3	SK3 WALL MOUNT PAIR	wall bracket pair for board luminaire, white							
42 617 53	UKAP28V-N	UKAP28V-N RECESSED FRAME LED 1221MM	recessed frame 1221 mm, white							
42 617 54	UKAP35V-N	UKAP35V-N RECESSED FRAME LED 1521MM	recessed frame 1521 mm, white							
42 617 55	UKAP28H	UKAP28H RECESSED FRAME LED 1221MM	recessed frame 1221 mm, white							
42 617 56	UKAP35H	UKAP35H RECESSED FRAME LED 1521MM	recessed frame 1521 mm, white							
<b>Ramp mounting accessories</b>										
42 603 34	RAMPPI/APLV	RAMPPI/APLV RAMP MOUNTING KIT LED	ramp mounting kit, white							

Luminaires per miniature circuit breaker	B10	B16	C10	C16
APL...	13	21	22	36
APL...ED	11	18	19	31



