



Anna

LED

Anna is a state of the art luminaire for public premises with high interior design demands. With its high-end design, control and optical features it fits perfectly for offices, public buildings and schools.

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.

"Anna combines high-end design and smart lighting."





Anna microprismatic optics



End cap square and round design



Mounting options

Structure

- › Body white powder coated (RAL 9016) structure painted aluminium profile
- › End caps structure painted white aluminium
- › Low luminance aluminium louvre
- › Microprismatic optics polycarbonate
- › UGR<19
- › Models:
Direct light models for surface and wire suspension mounting
Uplight models (U), uplight 40%
Flush mount models (F)
Square (S) or rounded (R) end caps
- › 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)
71 000 h (L90)
- › LED driver lifetime $T_a=25\text{ }^\circ\text{C}$:
100 000 h (max. 10 % failure rate)

Mounting

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

Made to order

- › Pull cord, connection lead
- › 3000K models /3K
- › Tunable white models /TW
- › ActiveAhead self learning sensor /AA
- › 50/50 light distribution
- › Project specific luminous flux packages
1500-4000 lm (direct light/uplight)

E number	Type	Product name	Luminous flux	Optics	Control
Anna, suspended/surface mount, square end caps					
42 603 38	AN12LS	AN12LS LED 21W/840 L	2400 lm	louvre	
42 604 02	AN12LSED	AN12LSED LED 21W/840 L DA	2400 lm	louvre	DALI
42 603 53	AN15LS	AN15LS LED 26W/840 L	3000 lm	louvre	
42 604 24	AN15LSED	AN15LSED LED 26W/840 L DA	3000 lm	louvre	DALI
42 603 45	AN12MS	AN12MS LED 15W/840 M	1550 lm	microprism	
42 604 12	AN12MSED	AN12MSED LED 15W/840 M DA	1550 lm	microprism	DALI
42 603 59	AN15MS	AN15MS LED 19W/840 M	1950 lm	microprism	
42 604 42	AN15MSED	AN15MSED LED 19W/840 M DA	1950 lm	microprism	DALI
Anna with uplight, square end caps					
42 603 41	AN12LUS	AN12LUS LED 30W/840 L	3800 lm	louvre	
42 604 04	AN12LUSED	AN12LUSED LED 30W/840 L DA	3800 lm	louvre	DALI
42 603 55	AN15LUS	AN15LUS LED 38W/840 L	4700 lm	louvre	
42 604 30	AN15LUSED	AN15LUSED LED 38W/840 L DA	4700 lm	louvre	DALI
42 603 49	AN12MUS	AN12MUS LED 22W/840 M	2500 lm	microprism	
42 604 14	AN12MUSED	AN12MUSED LED 22W/840 M DA	2500 lm	microprism	DALI
42 603 61	AN15MUS	AN15MUS LED 27W/840 M	3100 lm	microprism	
42 604 48	AN15MUSED	AN15MUSED LED 27W/840 M DA	3100 lm	microprism	DALI

E number	Type	Product name	Luminous flux	Optics	Control
Anna flush mount, square end caps					
42 603 36	AN12LFS	AN12LFS LED 21W/840 L	2400 lm	louvre	
42 604 00	AN12LFSED	AN12LFSED LED 21W/840 L DA	2400 lm	louvre	DALI
42 603 51	AN15LFS	AN15LFS LED 26W/840 L	3000 lm	louvre	
42 604 18	AN15LFSED	AN15LFSED LED 26W/840 L DA	3000 lm	louvre	DALI
42 603 43	AN12MFS	AN12MFS LED 15W/840 M	1550 lm	microprism	
42 604 10	AN12MFSED	AN12MFSED LED 15W/840 M DA	1550 lm	microprism	DALI
42 603 57	AN15MFS	AN15MFS LED 19W/840 M	1950 lm	microprism	
42 604 36	AN15MFSED	AN15MFSED LED 19W/840 M DA	1950 lm	microprism	DALI
Anna, suspended/surface mount, round end caps					
42 603 37	AN12LR	AN12LR LED 21W/840 L	2400 lm	louvre	
42 604 01	AN12LRED	AN12LRED LED 21W/840 L DA	2400 lm	louvre	DALI
42 603 52	AN15LR	AN15LR LED 26W/840 L	3000 lm	louvre	
42 604 21	AN15LRED	AN15LRED LED 26W/840 L DA	3000 lm	louvre	DALI
42 603 44	AN12MR	AN12MR LED 15W/840 M	1550 lm	microprism	
42 604 11	AN12MRED	AN12MRED LED 15W/840 M DA	1550 lm	microprism	DALI
42 603 58	AN15MR	AN15MR LED 19W/840 M	1950 lm	microprism	
42 604 39	AN15MRED	AN15MRED LED 19W/840 M DA	1950 lm	microprism	DALI
Anna with uplight, round end caps					
42 603 40	AN12LUR	AN12LUR LED 30W/840 L	3800 lm	louvre	
42 604 03	AN12LURED	AN12LURED LED 30W/840 L DA	3800 lm	louvre	DALI
42 603 54	AN15LUR	AN15LUR LED 38W/840 L	4700 lm	louvre	
42 604 27	AN15LURED	AN15LURED LED 38W/840 L DA	4700 lm	louvre	DALI
42 603 47	AN12MUR	AN12MUR LED 22W/840 M	2500 lm	microprism	
42 604 13	AN12MURED	AN12MURED LED 22W/840 M DA	2500 lm	microprism	DALI
42 603 60	AN15MUR	AN15MUR LED 27W/840 M	3100 lm	microprism	
42 604 45	AN15MURED	AN15MURED LED 27W/840 M DA	3100 lm	microprism	DALI
Anna flush mount, round end caps					
42 603 35	AN12LFR	AN12LFR LED 21W/840 L	2400 lm	louvre	
42 603 97	AN12LFRED	AN12LFRED LED 21W/840 L DA	2400 lm	louvre	DALI
42 603 50	AN15LFR	AN15LFR LED 26W/840 L	3000 lm	louvre	
42 604 15	AN15LFRED	AN15LFRED LED 26W/840 L DA	3000 lm	louvre	DALI
42 603 42	AN12MFR	AN12MFR LED 15W/840 M	1550 lm	microprism	
42 604 08	AN12MFRED	AN12MFRED LED 15W/840 M DA	1550 lm	microprism	DALI
42 603 56	AN15MFR	AN15MFR LED 19W/840 M	1950 lm	microprism	
42 604 33	AN15MFRED	AN15MFRED LED 19W/840 M DA	1950 lm	microprism	DALI
Anna accessories					
4266060	RVLX01	RVLX01 WIRE SUSP.SET 1.5M	susp. wire set 1,5 m with friction locks		
4266061	RVLX02	RVLX02 WIRE SUSP.SET 1.5M Ø31	susp. wire set 1,5 m with friction locks, small ceiling cup ø 31 mm		
4266062	RVLX03	RVLX03 WIRE SUSP.SET 1.5M Ø67	susp. wire set 1,5 m with friction locks, large ceiling cup ø 67 mm		
4266108	RVLXT25	RVLXT25 WIRE SUSP.SET T-FRAME	susp. wire set with friction locks for T-frame		

Luminaires per miniature circuit breaker	B10	B16	C10	C16
AN12...	22	36	37	61
AN15...	22	36	37	61
AN12...ED	22	36	37	61
AN15...ED	22	36	37	61



