

ULTIMA-S NANO White Stand-alone luminaire

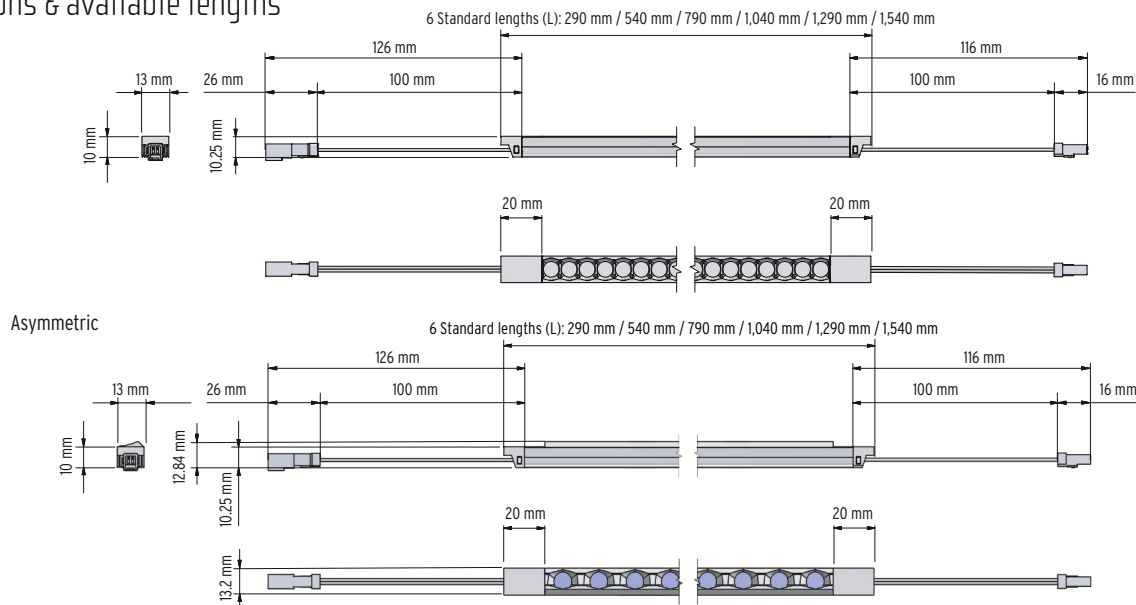
NEW



24 V slim linear LED luminaire in IP40 with integrated glare control as stand-alone unit with a remarkable minimal footprint of 10 mm x 13 mm for surface-mount. Extruded and anodized aluminum casing profile. Easy magnetic installation with pre-mounted magnets on its backside or plastic clips which can be combined with false ceiling clips. Delivered with either 2 m open end white cable, male only or male / female connectors for daisy chain. Nanometric lens optics technology enabling accurate 15°, 25°, 40°, 60°, beam angle gaussian lighting distribution with a Color Over Angle (CoA) of 25 K, batwing or asymmetric nano optics. ULTIMA-S NANO comes with anti-glare optics available in black or white offering an UGR as low as $\lt; 13$ for an optimal visual comfort. Light source assembled using state of the art automated Reel to Reel (R2R) production process supporting LED Linear™ Tj Away® thin flexible circuit board technology. In combination with CSP LED packages a thermal

resistivity of 5.3 K/W is achieved for an optimal heat dissipation (junction to profile) which guarantees an outstanding lifetime of > 60,000 hrs (L80/B10). Embeds high quality CSP LEDs with 3 step MacAdams (SDCM3) binning centered on target CCT (One Bin Only) with an extended photometric code of Wxxx/339 ensuring an exceptional color consistency over the rated lifetime. Premium color rendition with a CRI of up to 96 and TM-30-15 up to $R_f = 92 / R_g = 101$ ensuring a remarkable light quality. Consistent light intensity all along the luminaire length is obtained thanks to active current regulation operated by dedicated integrated circuits (ICs) on each step. Protected against electrostatic discharge +/- 2,000 V and polarity miswiring. Fully PWM dimmable for frequency > 0 Hz up to 2 kHz (flicker free for frequency higher than 1.2 kHz according to IEEE P1789 standard). Engineered and produced in Germany.

Dimensions & available lengths



Electrical & output data

Voltage	24 Volt (23 V _{min} , 25 V _{max})				
Temperature ^B	T _{Cmin} = -25°C, T _{Cmax} = specific, see Table below				
Storage temperature	T _{Smin} = -30°C, T _{Smax} = 70°C				
Ambient temperature	T _{Amin} = -25°C, T _{Amax} = specific, see Table below				
CRI / R9	up to 96 / up to 81				
R _r / R _g	up to 92 / up to 101				
ULTIMA-S NANO	6 W/m	10 W/m	15 W/m	20 W/m	25 W/m^C
Power (W/m) ^A	6	10	15	20	25
Efficacy (lm/W) ^A	65	69	76	94	75
max. length (m)	4	4	4	3	3
Temperature T _c -point(T _{Cmax}) ^B	60°C	60°C	65°C	65°C	65°C
max. ambient temperature (T _{Amax})	50°C	45°C	35°C	30°C	25°C

ULTIMA-S NANO	6 W/m	10 W/m	15 W/m	20 W/m	25 W/m ^C
Color temperature	lumen/meter (lm/m)^A @ 15° optic and white anti-glare				
● W822 2,200 K	350	600	990	1,320	1,650
● W927 2,700 K	390	650	1,050	1,380	1,710
● W930 3,000 K	390	670	1,080	1,425	1,770
● W935 3,500 K	400	680	1,100	1,450	1,800
● W940 4,000 K	410	690	1,120	1,470	1,820
● W850 5,000 K	490	850	1,140	1,870	2,330

With silver profile.



ONE BIN ONLY

NanoRay

LED LINEAR™ TECHNOLOGY



Lifetime



Photometric code



LM 79 compliant



LM 80 compliant

^A The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

^B The T_c-point should be measured in thermal equilibrium according to IEC EN 60598-1.

^C Only for non-recessed applications.

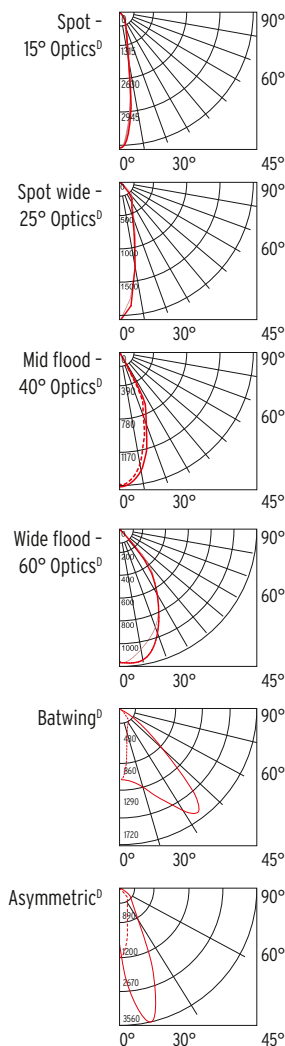
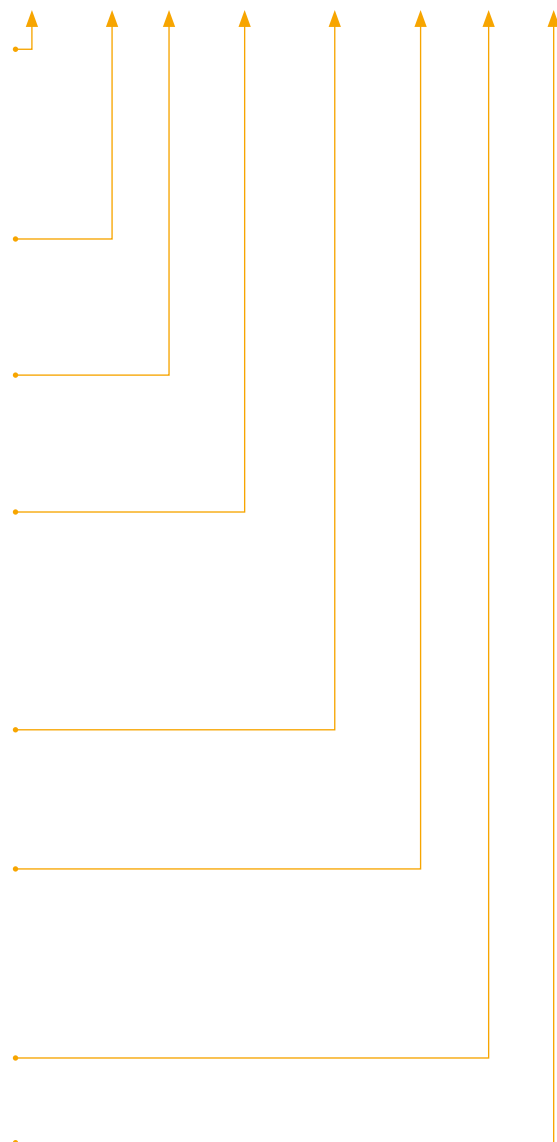
Please click here to configure your fixture online

Order code

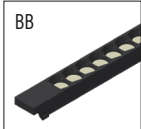

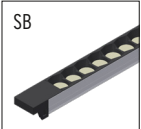
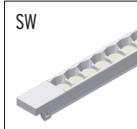
ULTIMA-S NANO White

Your order code	ULTIMA-S NANO	___	___	W	___	___	___	___	___
Order code example	ULTIMA-S NANO	MAG	15	W9	35	1290	SB	BW	DC










Mounting	
Magnetic	MAG
Clips	CLO
Adjustable Mounting Clips	AMC
Grid Ceiling Clips	FCC
Power/meter	
6	6
10	10
15	15
20	20
25	25
Color rendering	
> 80 (only 2,200 K / 5,000 K)	8
> 90	9
Color temperature	
2,200 K (W822)	22
2,700 K (W927)	27
3,000 K (W930)	30
3,500 K (W935)	35
4,000 K (W940)	40
5,000 K (W850)	50
Length	
290 mm	0290
540 mm	0540
790 mm	0790
1,040 mm	1040
1,290 mm	1290
1,540 mm	1540
Color	
Black profile with black anti-glare	BB
Black profile with white anti-glare	BW
Silver profile with black anti-glare	SB
Silver profile with white anti-glare	SW
Optics (DIN 5040:A60)^o	
Spot - 15° Optics	15
Spot wide - 25° Optics	25
Mid flood - 40° Optics	40
Wide flood - 60° Optics	60
Batwing	BW
Asymmetric	AS
Power Feed Configuration	
Daisy chain (male / female)	DC
Male one side	MO
Open end one side	OO



^o DIN 5040:A60
cd/1.000 lumen
C0/C180 ———
C90/C270 ·····

Colors	Black profile with black anti-glare	Black profile with white anti-glare	Silver profile with black anti-glare	Silver profile with white anti-glare
	BB	BW	SB	SW
				

Please choose your accessories

Mounting	Art.-#	Extensions / Jumpers (optional)	Art.-#
<input type="checkbox"/> Steel Strip, small, 10 mm (W) x 30 m	18100048 	<input type="checkbox"/> VarioCon Female Mini 2 x 0.34 mm ² , 0.2 m IP67	15000141 
<input type="checkbox"/> Steel Strip, large, 20 mm (W) x 30 m	18100049 	<input type="checkbox"/> VarioCon Female Mini 2 x 0.34 mm ² , 2 m IP67	15000142 
Recommended control unit	Art.-#	VarioCon Extension Mini 2 x 0.34 mm ² , 0.1 m IP67	15000143 
<input type="checkbox"/> IN.finite CASAMBI 2Ch CV EVO	16000267-EVO 	<input type="checkbox"/> VarioCon Extension Mini 2 x 0.34 mm ² , 2 m IP67	15000144 
<input type="checkbox"/> IN.finite DALI DT6 2Ch CV	16000268-DT6 	Recommended power supply	Art.-#
		<input type="checkbox"/> Power Supply Unit IP20 (60 W)	16000178 

For max. cable length between driver and fixture please visit www.led-linear.com/cable-length

For actual data, further options and detailed information, please visit our website www.led-linear.com

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