

ULTIMA-S Opal White Stand-alone luminaire

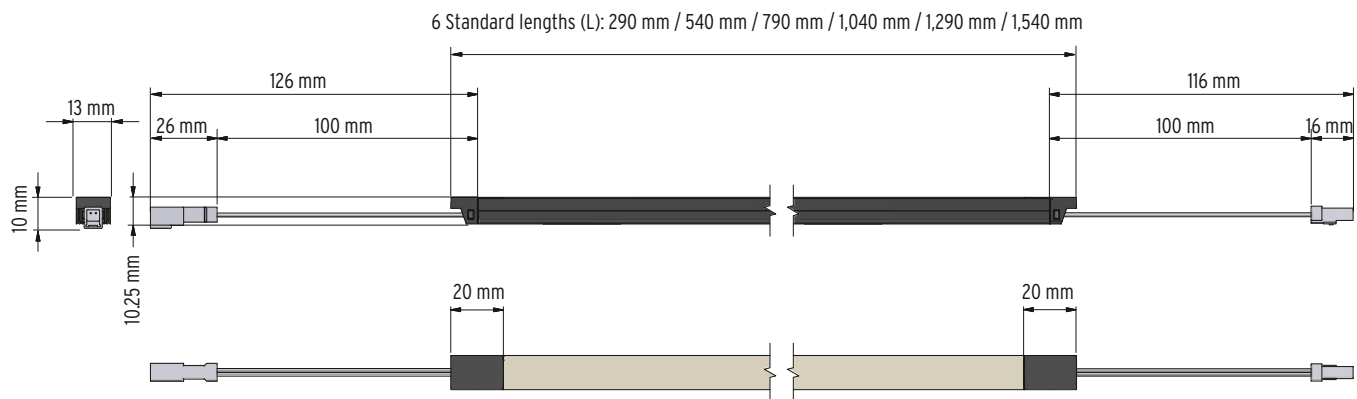
NEW



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. ULTIMA-S Opal comes with a PMMA diffuser offering a dot free illumination. 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 ^a	T _{cmin} = -25°C, T _{cmax} = specific, see Table below			
Storage temperature	T _{smin} = -30°C, T _{smax} = 70°C			
Ambient temperature	T _a min = -25°C, T _a max = specific, see Table below			
CRI / R9	up to 96 / up to 81			
R _f / R _g	up to 92 / up to 101			

ULTIMA-S Opal	6 W/m	10 W/m	15 W/m	25 W/m ^c
Power (W/m) ^a	6	10	15	25
Efficacy (lm/W) ^a	33	36	40	40
max. length (m)	4	4	4	3
Temperature T _c -point(T _{cmax}) ^b	60°C	60°C	65°C	65°C
max. ambient temperature (T _a max)	50°C	45°C	35°C	25°C

ULTIMA-S Opal	6 W/m	10 W/m	15 W/m	25 W/m ^c
Color temperature	lumen/meter (lm/m)^a			
● W822 2,200 K	170	300	500	840
● W927 2,700 K	200	340	550	910
● W930 3,000 K	200	340	560	940
● W935 3,500 K	210	350	570	960
● W940 4,000 K	210	350	580	970
● W850 5,000 K	200	360	600	990

With silver profile.



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

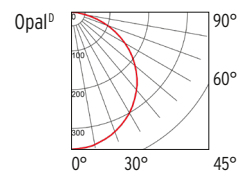
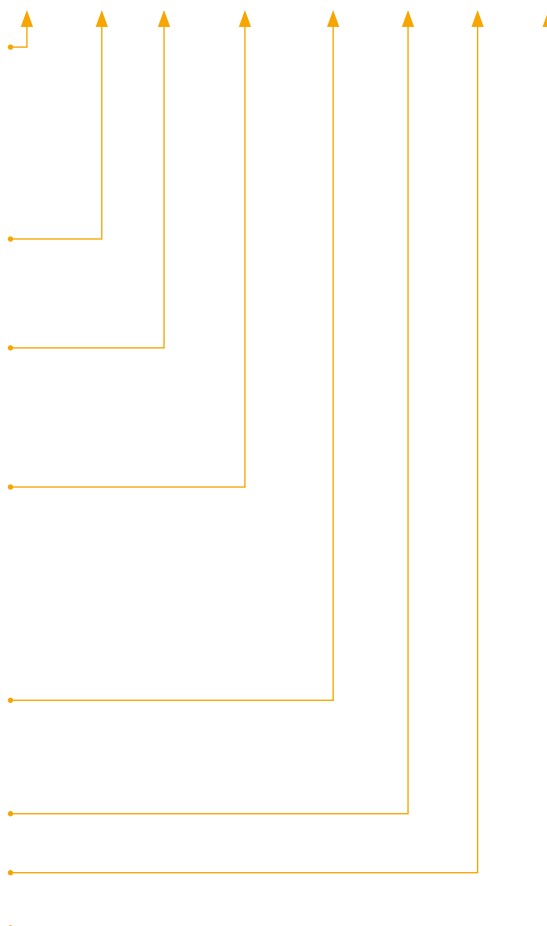
Please click here to configure your fixture online

Order code

ULTIMA-S Opal White

Your order code	ULTIMA-S Opal	___	___	W_	___	___	___	OL	___
Order code example	ULTIMA-S Opal	MAG	15	W9	35	1290	SW	OL	DC

- Mounting**
- Magnetic MAG
- Clips CLO
- Adjustable Mounting Clips AMC
- Grid Ceiling Clips FCC
- Power/meter**
- 6 6
- 10 10
- 15 15
- 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 BB
- Silver profile SW
- Optics (DIN 5040:A60)⁰**
- Opal OL
- Power Feed Configuration**
- Daisy chain (male/female) DC
- Male one side MO
- Open end one side 00

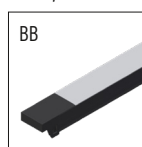


⁰ DIN 5040:A60
 cd/1,000 lumen
 C0/C180 ———
 C90/C270 ·····

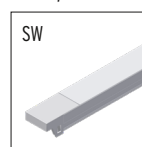


Colors

Black profile



Silver profile



Please choose your accessories

Mounting	Art.-#	
<input type="checkbox"/> Steel Strip, small, 10 mm (W) x 30 m	18100048	
<input type="checkbox"/> Steel Strip, large, 20 mm (W) x 30 m	18100049	
Recommended control unit	Art.-#	
<input type="checkbox"/> IN.finite CASAMBI 2Ch CV EVO	16000267-EVO	
<input type="checkbox"/> IN.finite DALI DT6 2Ch CV	16000268-DT6	

Extensions / Jumpers (optional)	Art.-#	
<input type="checkbox"/> VarioCon Female Mini 2 x 0.34 mm ² , 0.2 m IP67	15000141	
<input type="checkbox"/> VarioCon Female Mini 2 x 0.34 mm ² , 2 m IP67	15000142	
<input type="checkbox"/> VarioCon Extension Mini 2 x 0.34 mm ² , 0.1 m IP67	15000143	
<input type="checkbox"/> VarioCon Extension Mini 2 x 0.34 mm ² , 2 m IP67	15000144	
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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LED LINEAR