

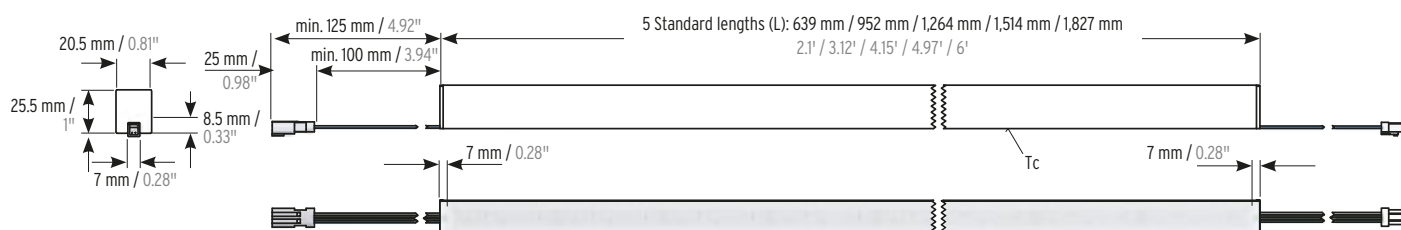
ADONIS True Color IQ White/RGB IP67

NEW

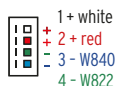

24 V, IP67 protected and IK10 certified, linear surface-mounted LED luminaire with small form factor. Full polyurethane encapsulation with an opal polyurethane top layer offering a premium water proof sealing (values), UV resistance (no coloration or increase of absorption) chemical stability against urban gazes and protection against abrasion. The True Color technology enables an optimum rendition of the LED spectrum (minimal color shift). Extruded H-shaped aluminum profile painted in white with cable groove on its backside. Delivered with male/female IP67 connectors and translucent end caps for a perfect fixture to fixture light overlap. Ideal solution for facade accent or general lighting in outdoor or humid environments. 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 ceramic LED packages an optimal heat dissipation (junction to installa-

tion surface) is achieved which guarantees an outstanding lifetime of > 60,000 hrs L80/B10 for tunable white and 30,000 hrs for RGB. Embeds for tunable white centered high quality LEDs with 3 step MacAdams (SDCM3) binning 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 85 and TM-30-15 up to $R_f = 86 / R_g = 98$ 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 $\pm 2,000$ 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



a) IQ White



b) RGB



Opal encapsulated LED light line
Finish: White powder coated

Tc-point (Case temp.) on the rear side of the module

Electrical & output data

Voltage	24 Volt (23 V _{min} , 25 V _{max})
Temperature ^B	T _{Cmin} = -25°C / -13°F, T _{Cmax} = specific, see Table below
Storage temperature	T _{Smin} = -30°C / -22°F, T _{Smax} = 85°C / 185°F
Ambient temperature	T _{Amin} = -25°C / -13°F, T _{Amax} = 40°C / 104°F

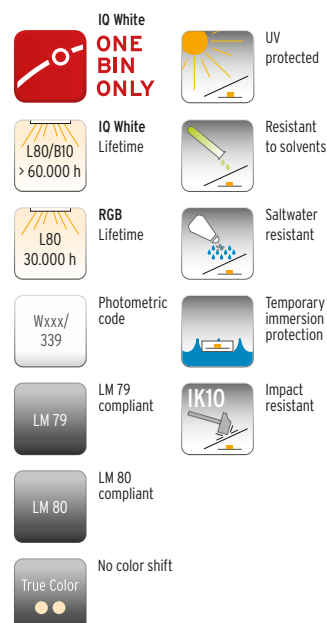
ADONIS True Color	IQ White ATON HD12 (low output)	IQ White ATON HD24 (high output)	RGB HD20
Power (W/m / W/ft) ^A	12 / 3.7	24 / 7.3	22 / 6.7
Efficacy (lm/W) ^A	39	40	24
CRI / R9	85 / 20	85 / 20	-
max. serial run length (m / ft)	5 / 16.4	4 / 13.1	4 / 13.1
Temperature Tc-point (T _{Cmax}) ^B	70°C / 158°F	70°C / 158°F	60°C / 140°F

LED tape	Color temperature ^C	Color (λ _d)	lumen/meter (lm/m) ^A lumen/feet (lm/ft) ^A
IQ White ATON HD12	W822 (2,200 K) - W840 (4,000 K)	-	464 / 141
IQ White ATON HD24	W822 (2,200 K) - W840 (4,000 K)	-	959 / 292
RGB HD20	-	622 (R)/532 (G)/466 (B)	490 / 150

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

^C As any luminaire with an opal cover, the CCT might be subject to a drift toward the Warm White. The drift has been quantized and remain within the +/- 10% tolerance mentioned above.



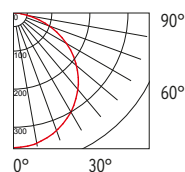
Please click [here](#) to configure your fixture online

Order code

ADONIS TC IQ White IP67

ADONIS TC RGB IP67

Your order code	ADONIS TC	_____	_____	IP67
Order code example	ADONIS TC	IQ W ATON HD24	1514	IP67



DIN 5040:A40
cd/1.000 lumen
C0/C180 ————
C90/C270 ······

LED tape

IQ White ATON HD12 IQ White ATON HD12
IQ White ATON HD24 IQ White ATON HD24
RGB HD20 RGB HD20

Length

639 mm (2.1') (2 clips recommended) 0639
952 mm (3.12') (2 clips recommended) 0952
1,264 mm (4.15') (3 clips recommended) 1264
1,514 mm (4.97') (3 clips recommended) 1514
1,827 mm (6') (4 clips recommended) 1827

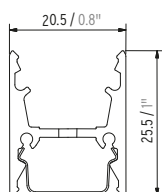
Ingress protection

IP67 IP67



Please choose your accessories

Mounting	Art.-#	
<input type="checkbox"/> VarioClip 010 Set (required every 40 cm / 1.31')	13000202	
<input type="checkbox"/> Contour 010 Adjustable Wall Mount Set	13000165	
<input type="checkbox"/> Mounting Lock Set ^D (for vertical mounting)	13000287	
<input type="checkbox"/> Adjustable Mounting Clip C007/C010 L140	13000265-SIL	
<input type="checkbox"/> VarioContour 010 Inground Channel ^E (for indoor installation only)	10000576-RAL9003-FS	



Easy and clean installation due to internal mounting clips. ADONIS True Color / KALYPSO True Color H-channel also acts as cable raceway. Therefore you do not see any clips or cables from the outside.

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

Extensions / Jumpers (optional)	Art.-#	
<input type="checkbox"/> VarioCon Female Mini 4 x 0.25 mm ² , 2 m / 6.56' IP67	15000202	
<input type="checkbox"/> VarioCon Extension Mini 4 x 0.25 mm ² , 0.1 m / 0.33' IP67	15000203	
<input type="checkbox"/> VarioCon Female Mini Protection Cap RGB ^F	15000219	

Recommended power supply	Art.-#	
<input type="checkbox"/> Power Supply Unit IP67	16000153	

Recommended control unit	Art.-#	
<input type="checkbox"/> Control System White/IQ-White	16000268-DT6	

Recommended control unit	Art.-#	
<input type="checkbox"/> Control System RGB	16000058	

^D The mounting lock is used to fix the sliding mounting clips, thus allowing a vertical wall mounting.

^E Article requires end caps, please contact us for more information

^F Required for IP67 connector sealing at end of runs.

LED LINEAR