

VarioLED™ Flex NIKE White TVSB IP67

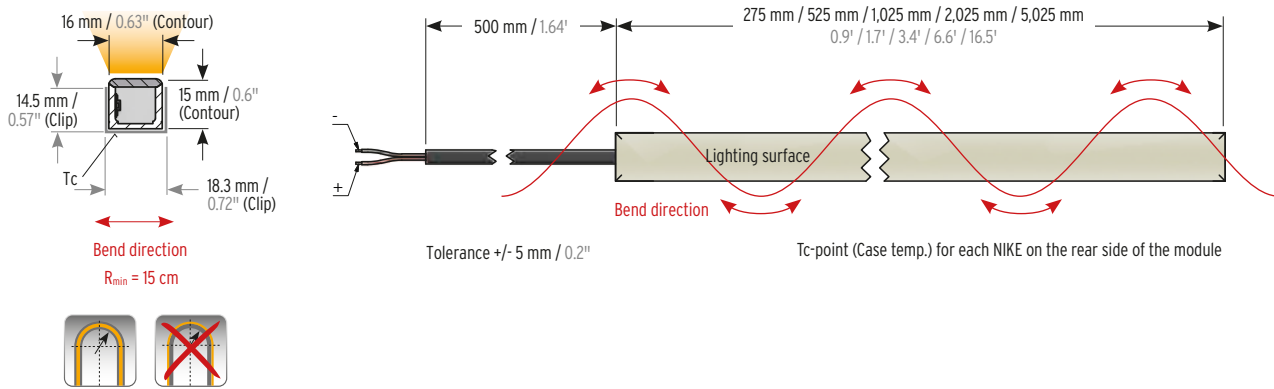


IP67 flexible dot free linear LED light line with a 16 mm x 15 mm / 0.63" x 0.59" (W x H) cross section. Opal polyurethane encapsulation offering a premium water proof sealing, UV resistance, chemical stability against urban gazes and protection against abrasion. Horizontal bending only, with radius of 150 mm (5.9") good solution for indoor/outdoor organic facade accent lighting or decorative applications requiring IP67 ingress. Available in five fixed lengths with 3M self adhesive tape on rear side. One side with a smooth end cap, the other side with 500 mm (1.64') open end cable. 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 installation 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_r = 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 ± 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

Measurements VarioClip and VarioContour (W x H) 18.3 mm x 14.5 mm / 0.72" x 0.57"



Electrical & output data

Voltage	24 Volt (23 V _{min} , 25 V _{max})
Temperature [®]	T _{Cmin} = -25°C / -13°F, T _{Cmax} = 60°C / 140°F
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
CRI / R9	up to 85 / up to 20
Power (W/m / W/ft) ^A	8 / 2.4
Efficacy (lm/W) ^A @ W850	26

VarioLED™ Flex NIKE HD8 TVSB	Color temperature LED tape used	Color temperature delivered finished fixture ^c	lumen/meter (lm/m) ^A lumen/feet (lm/ft) ^A
● W822	2,200 K	2,400 K	190 / 57
● W827	2,700 K	2,900 K	190 / 57
● W830	3,000 K	3,300 K	190 / 57
● W835	3,500 K	3,700 K	200 / 60
● W840	4,000 K	4,400 K	200 / 60
● W850	5,000 K	5,400 K	210 / 63

ONE BIN ONLY

L80/B10 > 60,000 h

Wxxx/339

LM 79 compliant

LM 80 compliant

UV protected

Resistant to solvents

Saltwater resistant

Temporary immersion protection

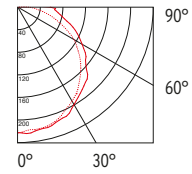
^A The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

[®] The T_C-point should be measured in thermal equilibrium according to IEC EN 60598-1.

^c In case of IP67 products, tolerances in the color temperature can occur.

Order code

Your order code	NIKE	HD8 TVSB	W8	---	---	IP67
Order code example	NIKE	HD8 TVSB	W8	27	1025	IP67



DIN 5040:A40
cd/1,000 lumen
C0/C180 ———
C90/C270 ·····

Light/Bend direction		
HD8 TVSB	HD8 TVSB	
Color rendering		
> 80	8	
Color temperature delivered finished fixture	Color temperature LED tape used	
2,400 K	2,200 K	22
2,900 K	2,700 K	27
3,300 K	3,000 K	30
3,700 K	3,500 K	35
4,400 K	4,000 K	40
5,400 K	5,000 K	50
Length		
275 mm (0.9')	275	
525 mm (1.7')	525	
1,025 mm (3.4')	1025	
2,025 mm (6.6')	2025	
5,025 mm (16.5')	5025	
Ingress protection		
IP67	IP67	



Please choose your accessories

NIKE fixtures comes with 500 mm / 1.64' cable with open end cable.

Mounting	Art.-#	
<input type="checkbox"/> 3M Adhesive tape VENUS SV 9 mm / 0.35" (10 m / 32.8')	18200035	
<input type="checkbox"/> VarioContour TV 2,000 mm / 6.56' channel (anodized aluminum)	10000049-01	
<input type="checkbox"/> VarioContour TV CC 2,000 mm / 6.56' (anodized aluminum) inclusive cable raceway	10000339	
<input type="checkbox"/> VarioClip TV 50 mm / 2" (clip required every 45 cm / 1.48', anodized aluminum)	13000010-01	
<input type="checkbox"/> VarioClip TV 30 mm / 1.18" 301 (clip required every 45 cm / 1.48', stainless steel - V4A) water features	13000050-01	

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	

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

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