



WF16TB NEON FLEX

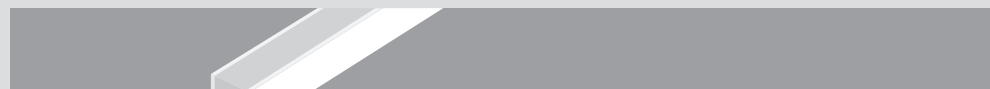
WEATHERPROOF FLEXIBLE TOP BEND
LINEAR LUMINAIRE



White,
Frosted Diffuser

PROFILE FINISHING

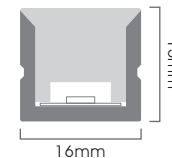
White



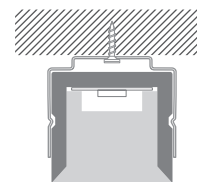
DIFFUSER

Frosted

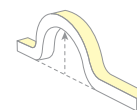
DIMENSION



INSTALLATION

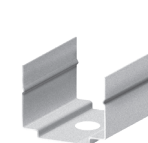


BENDING

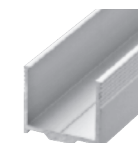


Top Bend
Radius Limit = 120mm

ACCESSORIES



Mounting Clip



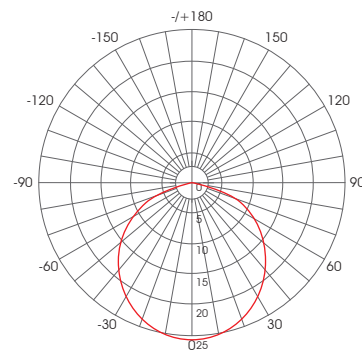
Aluminium Tray

Beam Angle: 115°



PHOTOMETRICS

- 15W/m 3000K (100mm)



Correction Factor : 5W/m ~ f = 0.32
10W/m ~ f = 0.75
15W/m ~ f = 1.00

- Profile Type : 16mm width flexible silicone linear LED luminaire
- Profile Finishing : White
- Diffuser : Frosted
- Light Uniformity : Dot-less
- Mounting : Surface, with stainless steel mounting clip or aluminium tray
- Power Options : Single CCT - 5W/m, 10W/m, 15W/m
Tunable-White - 5W/m, 10W/m, 15W/m
RGB - 10W/m
RGBW - 10W/m, 15W/m
- CRI : Ra>90, R9>50
- SDCM : 3 step MacAdam ellipse binning
- Lifetime : Up to 50,000 hours L80 lamp life at Ta = 25°C
- Voltage : 24V DC
- Length Options : 500mm to 5000mm by increment of:
- 50mm for single CCT and Tunable-White
- 62.5mm for RGB
- 125mm for RGBW
- Operating Temperature : Ta (min) = -20°C
Ta (max) = +55°C (5W/m) / +45°C (10W/m) / +35°C (15W/m)
- Wire Connection : Supplied with insulated IP67 wires and connector at 300mm length
- IP Rating : IP67, UV and chemical resistant

CCT OPTIONS

Single CCT



Tunable-White



RGB



RGBW



W = 3000K

W = 4000K

W = 6500K

▣ SPECIFICATIONS

▪ Single CCT

CCT	5W/m		10W/m		15W/m	
	Efficacy (lm/W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Luminous Flux (lm/m)
2200K 2500K	42.0	210	49.2	492	43.7	656
2700K 3000K 3500K	48.3	241	56.6	566	50.3	754
4000K 5000K 5700K 6500K	48.6	243	57.0	570	50.7	760

▪ Tunable-White 1800K - 4000K

CCT	5W/m		10W/m		15W/m	
	Efficacy (lm/W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Luminous Flux (lm/m)
1800K	47.7	119 (@2.50W)	56.0	280 (@5.00W)	49.7	373 (@7.50W)
4000K	65.8	164 (@2.50W)	77.1	386 (@5.00W)	68.5	514 (@7.50W)

▪ Tunable-White 2700K - 6500K

CCT	5W/m		10W/m		15W/m	
	Efficacy (lm/W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Luminous Flux (lm/m)
2700K	65.4	164 (@2.50W)	76.7	383 (@5.00W)	68.1	511 (@7.50W)
6500K	65.8	164 (@2.50W)	77.1	386 (@5.00W)	68.5	514 (@7.50W)

▪ RGB

CCT	10W/m		RGB Wavelength (nm)
	Efficacy (lm/W)	Luminous Flux (lm/m)	
Red	15.3	51 (@3.33W)	617 - 627
Green	43.5	145 (@3.33W)	515 - 525
Blue	9.9	33 (@3.33W)	464 - 474

▪ RGBW

CCT	10W/m		15W/m		RGB Wavelength (nm)
	Efficacy (lm/W)	Luminous Flux (lm/m)	Efficacy (lm/W)	Luminous Flux (lm/m)	
Red	18.9	47 (@2.50W)	16.8	63 (@3.75W)	620 - 630
Green	57.6	144 (@2.50W)	51.2	192 (@3.75W)	515 - 525
Blue	17.1	43 (@2.50W)	15.2	57 (@3.75W)	460 - 470
White	63.3	158 (@2.50W)	56.3	211 (@3.75W)	3000K 4000K 6500K

WEATHERPROOF FLEXIBLE LINEAR LUMINAIRE

ORDERING MATRIX

Module	Finishing	Diffuser	Length	LED Module Power & CCT				Wire End & Exit Configuration		Ingress Protection
WF16TB	WH White	F Frosted	500500mm ↕↕ 50005000mm *by every 50mm	5	5W/m	22	2200K	SE	Single Wire End, End Cap Exit	IP67 IP67
				10	10W/m	25	2500K			
				15	15W/m	27	2700K			
						30	3000K			
						35	3500K			
						40	4000K			
						50	5000K			
						57	5700K			
						65	6500K			
				5	5W/m	TW1840	Tunable-White 1800K-4000K			
				10	10W/m	TW2765	Tunable-White 2700K-6500K			
				15	15W/m					
500500mm	↕↕	50005000mm	*by every 62.5mm	10	10W/m	RGB	RGB			
500500mm	↕↕	50005000mm	*by every 125mm	10	10W/m	RGBW30	RGBW(3000K)			
						15	15W/m			RGBW40
						RGBW65	RGBW(6500K)			

Example: WF16TB-WH-F-1000-5-30-SE-IP67

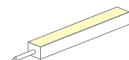
WF16TB Neon Flex, White, Frosted Diffuser, 1000mm, 5W/m, 3000K, Single Wire End at End Cap Exit, IP67

*Mounting accessories for neon flex luminaires are not included and to be ordered seperately.

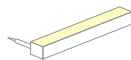
Aluminium Tray	Finishing	Length
WF16TB-AT	SL Silver	1000 1000mm
Example: WF16TB-AT-SL-1000		
WF16TB Aluminium Tray, Silver, 1000mm		

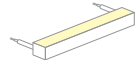
Mounting Clip
WF16TB-MC
Example: WF16TB-MC
WF16TB Mounting Clip

WIRE CONFIGURATIONS


Single Wire End, End Cap Exit


Single Wire End, Rear Exit

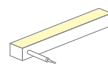

Single Wire End, Side Exit Left

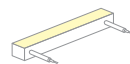

Double Wire End, Side Exit Left/Right

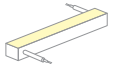

Double Wire End, Side Exit Left/Left


Double Wire End, End Cap Exit


Double Wire End, Rear Exit


Single Wire End, Side Exit Right


Double Wire End, Side Exit Right/Left


Double Wire End, Side Exit Right/Right