

# FPB

## FEATURES

- Constant current circuit for steady lumen output along the strip.
- Supreme consistency in beam spread
- IP20, IP65
- Maximized evenness of CCT and brightness by professional bin management.
- Wide range of CCT options (2200K ~ 7000K).
- A short linear increment for precise fitting.
- Bespoke option for CCT, CRI, Watt and more.



## ORDER CODE

ORDER CODE EXAMPLES

AF — 22 — 1C1 — 24 — 50 — 23 — (M)1150 — XE WF C0 DSF — H 3W/ft

AF — RGB40 — 4CD0 — 24 — 60 — 24 — 4' 9 31/64" — XE B C4 DS —

ACROSENTEC CCT, COLOR CRI CHIP TYPE (FACTORY CODE) INPUT VOLT INCREMENT (mm) MULTIPLIER FIXTURE LENGTH PRODUCT NAME FEED ON FIXTURE IP RATE MOUNTING BESPOKE NOTE

1 2 3 4 5 6 7 8 9 10 11 12 13 14

AF 22 30 42 24 33 45 27 35 50 37 55 40 65 (BLANK) \* 24 \* ( ) \* (M) \* X XE S WM C5 DSF DS L H

Blank : CRI 80+  
H : CRI 95 (typ)

DC24V See the table

BLANK : US unit (M)\* : Metric unit X : X TYPE XE : XE TYPE

CO : IP20  
C4 : IP65  
C04 : IP65 WITH NON WATERPROOF CONNECTORS

DSF : TAPE + FCLIP  
DS : TAPE

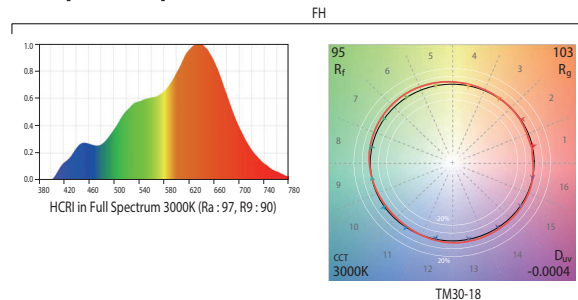
L : LOW WATT OPTION  
H : HIGH WATT OPTION (Applies to specific models only)

S : SINGLE END LEAD(LW)  
B : BOTH END LEAD(LW)  
RM : RM ON SINGLE END  
RMF : RM, RF ON EACH END  
IM4 : IM4 ON SINGLE END  
IMF4 : IM4, IF4 ON EACH END  
IM6 : IM6 ON SINGLE END  
IMF6 : IM6, IF6 ON EACH END

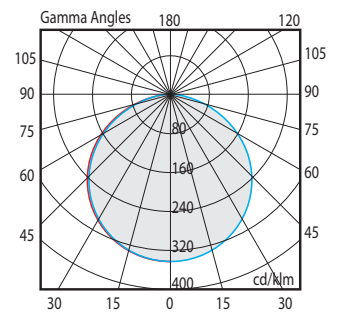
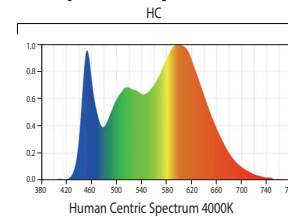
WM : WM ON SINGLE END  
WMF : WM, WF ON EACH END  
WM4 : WM4 ON SINGLE END  
WMF4 : WM4, WF4 ON EACH END  
WM6 : WM6 ON SINGLE END  
WMF6 : WM6, WF6 ON EACH END  
Note : WF type connectors are waterproof ones

## SPECIFICATION

- **Input, Watt** ..... DC24V , 3.6-6.7W/Ft
- **Dimming** ..... 0-10, DMX, BT, WIFI
- **Beam Angle** ..... 120°
- **Operation Temp(°F/°C)** ..... Ta : -13~122 / -25~50
- **Expected Life Hours** ..... 60000 Hrs
- **Mounting Accessory** ..... Clip(FCLIP), Tape (DS)
- **FH Spectrum option**



### • HC Spectrum option



- **Color Temp.**  
CRI 85 / typ 95



acrosentec

FPB	AF-◇(H)-1C1-24-50-□-*-X*CO*-L	AF-◇(H)-1C1-24-50-□-*-X*CO*-H	AF-◇(H)-1C1-24-60-□-*-X*CO*	AF-◇(H)-1C2-24-100-□-*-X*CO*	AF-◇(H)-1C2-24-120-□-*-X*CO*	
DRAWING ID (See the dimension)	(A)	(B)	(C)	(D)	(E)	
2 CCT (3 CRI Option)	Normal White	6500K (85, 95), 5600K (85, 95), 4000K (85, 95)				
	Warm White	3500K (85, 95), 3000K (85, 95), 2700K (85, 95)				
Lumen / Ft (Normal CRI typ 85)	6500K, 5600K	489	673	489	437	367
	4000K, 3500K	539	742	539	482	405
	3000K	526	723	526	470	395
	2700K	512	704	512	457	384
Lumen / Ft (High CRI typ 95)	6500K, 5600K	447	614	447	399	335
	4000K, 3500K	434	596	434	388	325
	3000K	417	574	417	373	313
	2700K	412	566	412	368	309
Power Consumption (Watt) / Ft	4.9	6.7	4.9	4.4	3.7	
5 Input Volt(DC)	24V					
6 Length of PCB increment (inch/mm)	1.97" / 50		2.36" / 60	3.94" / 100	4.72" / 120	
8 Product Length	16' 4" / 5.0 meter	11' 5" / 3.6 meter	16' 4" / 5.0 meter		16' 6" / 5.0 meter	
Power Feed Position	END					
Feed Accessory	10 TYPE OF FEED ON FIXTURE : RM, RMF, LW Extension : E-RMF, E-RF					
Max run / power feed (ft/ meter)	16' 4" / 5.0 meter	11' 5" / 3.6 meter	16' 4" / 5.0 meter		16' 6" / 5.0 meter	
Product Length / spool	16' 4" / 5.0 meter	11' 5" / 3.6 meter	16' 4" / 5.0 meter		16' 6" / 5.0 meter	
Net Wt (lb / g) / reel	0.26 / 120					

\* Data is subject to change without notice for improvement

FPB Color	AF-RGB-3C1-24-50-□-*-X*CO*	AF-RGB-3C2-24-100-□-*-X*CO*	AF-RGBW-4CD-24-60-□-*-X*CO*	AF-RGBW-4C2-24-100-□-*-X*CO*	
DRAWING ID (See the dimension)	(F)	(G)	(H)	(I)	
2 CCT (3 CRI Option)	W	6500K(80+), 5700K(80+), 4000K(80+), 3500K(80+), 3000K(80+), 2700K(80+)			
2 WD	R	625nm			
	G	525nm			
	B	460nm			
Lumen / Ft (Normal CRI typ 85)	6500, 5600K	-	-	265	265
	4000, 3500K	-	-	256	256
	3000K	-	-	246	246
	2700K	-	-	243	243
Lumen / Ft	RGB	170	133	170	133
Power Consumption (Watt) / Ft	RGB (+W)	4.6 (RGB)	3.6 (RGB)	4.6 (RGB)+ 2.1 (W)	3.6 (RGB)+ 2.1 (W)
5 Input Volt(DC)	24V				
6 Length of PCB increment (inch/mm)	1.97" / 50   1.97" / 50	3.94" / 100	2.36" / 60	3.94" / 100	
8 Product Length	Multiple of 16' 4" / 5.0 meter	Multiple of 16' 4" / 5.0 meter	Multiple of 11' 5" / 3.6 meter	Multiple of 16' 4" / 5.0 meter	
Power Feed Position	END				
Feed Accessory	10 TYPE OF FEED ON FIXTURE : IM4, IMF4, IM6, IMF6, LW Extension : E-IMF4, E-IF4, E-IF6, E-IMF6				
Max run / power feed (ft/ meter)	16' 4" / 5.0 meter	16' 4" / 5.0 meter	11' 5" / 3.6 meter	16' 4" / 5.0 meter	
Product Length / spool	16' 4" / 5.0 meter	16' 4" / 5.0 meter	11' 5" / 3.6 meter	16' 4" / 5.0 meter	
NetWt(lb / g) / reel	0.35 / 160	0.31 / 140	0.35 / 160	0.31 / 140	

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FPB		AF-◇(H)-1C1-24-50-□-*.XE*CO*-L	AF-◇(H)-1C1-24-50-□-*.XE*CO*-H	AF-◇(H)-1C2-24-100-□-*.XE*CO*	AF-◇(H)◇(H)-1C1-24-50-□-*.XE*CO*
DRAWING ID (See the dimension)		J	K	L	M
2 CCT (3 CRI Option)	Normal White	6500K (85, 95), 5600K (85, 95), 4000K (85, 95)			
	Warm White	3500K (85, 95), 3000K (85, 95), 2700K (85, 95), 2450 (85, 90+), 2200K (85, 90+)			
Lumen / Ft (Normal CRI typ 85)	6500K, 5600K	615	846	555	278 / CCT
	4000K, 3500K	595	818	536	268 / CCT
	3000K	572	786	516	258 / CCT
	2700K	564	776	509	255 / CCT
	2450K	457	629	412	206 / CCT
	2200K	441	606	397	199 / CCT
Lumen / Ft (High CRI typ 95)	6500K, 5600K	495	680	446	223 / CCT
	4000K, 3500K	478	657	431	216 / CCT
	3000K	460	632	415	208 / CCT
	2700K	454	624	409	205 / CCT
	2450K	366	504	330	165 / CCT
	2200K	325	446	293	147 / CCT
Power Consumption (Watt) / Ft		4.9	6.7	4.4	4.4
5 Input Volt(DC)		24V			
6 Length of PCB increment (inch/mm)		1.97" / 50		3.94" / 100	
8 Product Length (inch/mm)		Multiple of 1.97" / 50		Multiple of 3.94" / 100	
Power Feed direction		END			
Feed Accessory		10 TYPE OF FEED ON FIXTURE : RM, RMF, IM4, IMF4, Extension : E-RF, E-RMF, E-IF4, E-IMF4			
Max run / power feed (ft/meter)		11'5" / 3.6 meter	16'4" / 5.0 meter	11'5" / 3.6 meter	16'4" / 5.0 meter
Product Length / spool		16'4" / 5.0 meter		11'5" / 3.6 meter	
Net Wt (lb / g) / reel		0.24 / 110			

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FPB (in enclosure tube)		AF-◇(H)-1C1-24-50-□-*.XE*C4*	AF-◇(H)-1C2-24-100-□-*.XE*C4*	AF-◇(H)◇(H)-1C1-24-50-□-*.XE*C4*
DRAWING ID (See the dimension)		N	O	P
2 CCT (3 CRI Option)	Normal White	6500K (85, 95), 5600K (85, 95), 4000K (85, 95)		
	Warm White	3500K (85, 95), 3000K (85, 95), 2700K (85, 95), 2450 (85, 90+), 2200K (85, 90+)		
Lumen / Ft (Normal CRI typ 80+)	6500K, 5600K	486	454	243 / CCT
	4000K, 3500K	470	439	235 / CCT
	3000K	452	422	226 / CCT
	2700K	445	416	223 / CCT
	2450K	361	338	181 / CCT
	2200K	348	325	174 / CCT
Lumen / Ft (High CRI typ 90+)	6500K, 5600K	391	365	195 / CCT
	4000K, 3500K	377	353	189 / CCT
	3000K	363	340	182 / CCT
	2700K	358	335	179 / CCT
	2450K	289	270	145 / CCT
	2200K	256	240	128 / CCT
Power Consumption (Watt) / Ft		4.0	3.7	4.0
5 Input Volt(DC)		24V		
6 Length of PCB increment (inch/mm)		1.97" / 50	3.94" / 100	1.97" / 50
8 Product Length (inch/mm)		Multiple of 1.97" / 50+1.2"/30	Multiple of 3.94" / 100 +1.2"/30	Multiple of 1.97" / 50 +1.2"/30
Power Feed direction		END		
Feed Accessory		10 TYPE OF FEED ON FIXTURE : RM, RMF, IM4, IMF4, WM, WMF, WM4, WMF4, EXTENSION : E-RF, E-RMF, E-IF4, E-IMF4, E-WF, E-WMF, E-WF4, E-WMF4		
Max run / power feed (ft/meter)		16'4" / 5.0 meter +1.2"/30		
Product Length / spool		16'4" / 5.0 meter +1.2"/30		
Net Wt (lb / g) / reel		-		

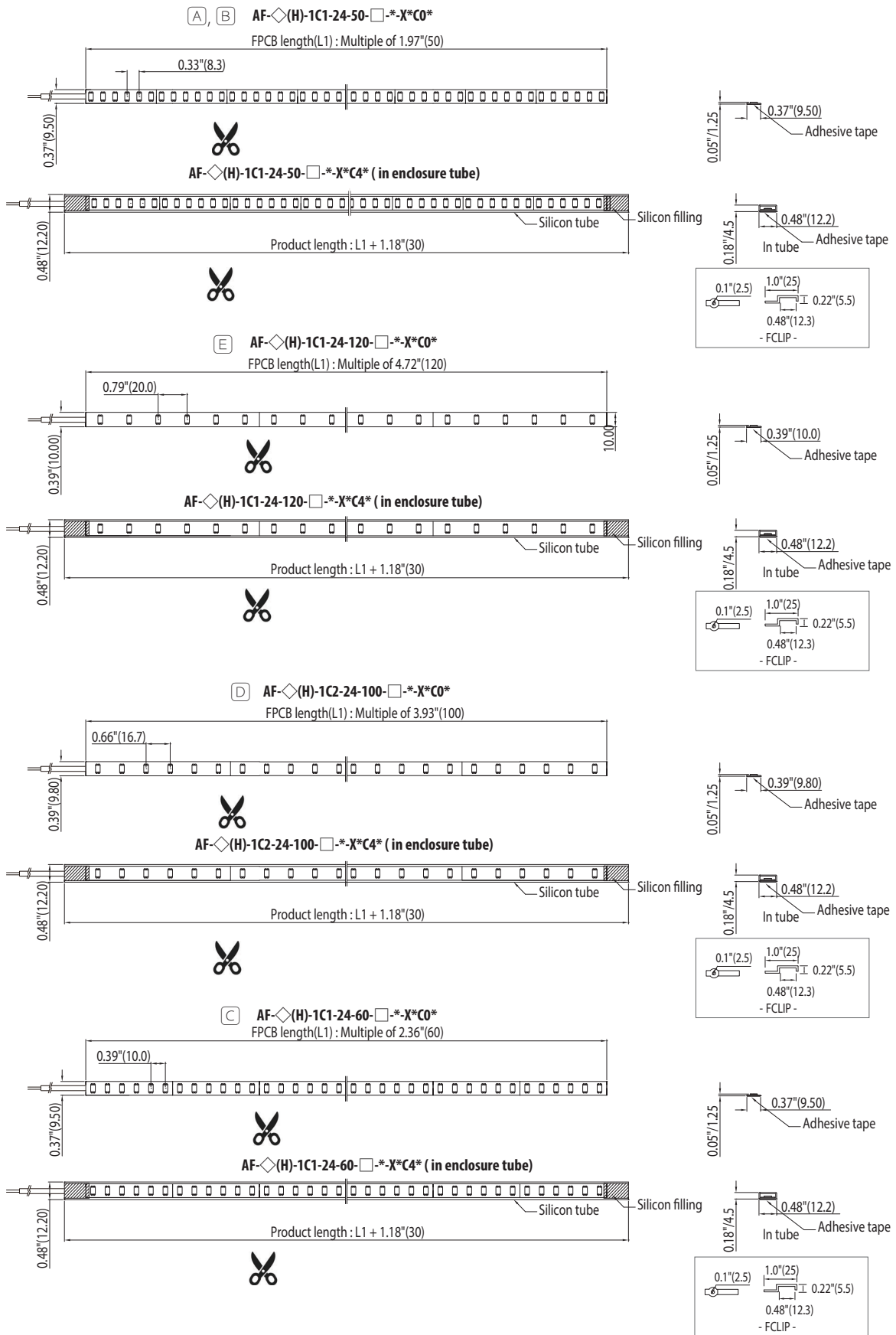
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FPB Color (in enclosure tube)		AF-RGB-3C1-24-50-□-*.XE*C4*	AF-RGB-3C2-24-100-□-*.XE*C4*	AF-RGBW-4C2-24-60-□-*.XE*C4*	AF-RGBW-4C2-24-100-□-*.XE*C4*
DRAWING ID (See the dimension)		Q	R	S	T
2 CCT (3 CRI Option)	W	6500K(80+), 5700K(80+), 4000K(80+), 3500K(80+), 3000K(80+), 2700K(80+)			
	R	625nm			
WD	G	525nm			
	B	460nm			
Lumen / Ft (Normal CRI typ 80+)	6500, 5600K	-	-	265	265
	4000, 3500K	-	-	256	256
	3000K	-	-	246	246
	2700K	-	-	243	243
Lumen / Ft	RGB	141	128	141	128
Power Consumption (Watt) / Ft	RGB (+W)	3.9	3.6	3.9 + 2.1	3.6 + 2.1
5 Input Volt(DC)		24V			
6 Length of PCB increment (inch/mm)		1.97" / 50	3.94" / 100	2.36" / 60	3.94" / 100
8 Product Length		Multiple of 1.97" / 50 +1.2"/30	Multiple of 3.94" / 100 +1.2"/30	Multiple of 2.36" / 60 +1.2"/30	Multiple of 3.94" / 100 +1.2"/30
Power Feed direction		END	END	END	END
Feed Accessory		10 TYPE OF FEED ON FIXTURE : IM4, IMF4, WM, WMF, WM4, WMF4, EXTENSION : E-IF4, E-IMF4, E-WF, E-WMF, E-WF4, E-WMF4			
Max run / power feed (ft/ meter)		16'4" / 5.0 meter	16'4" / 5.0 meter	11'5" / 3.6 meter	16'4" / 5.0 meter
Product Length / spool		16'4" / 5.0 meter +1.2"/30	16'4" / 5.0 meter +1.2"/30	11'5" / 3.6 meter +1.2"/30	16'4" / 5.0 meter +1.2"/30
NetWt(lb / g) / reel		0.35 / 160	0.31 / 140	0.35 / 160	0.31 / 140

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# DIMENSION

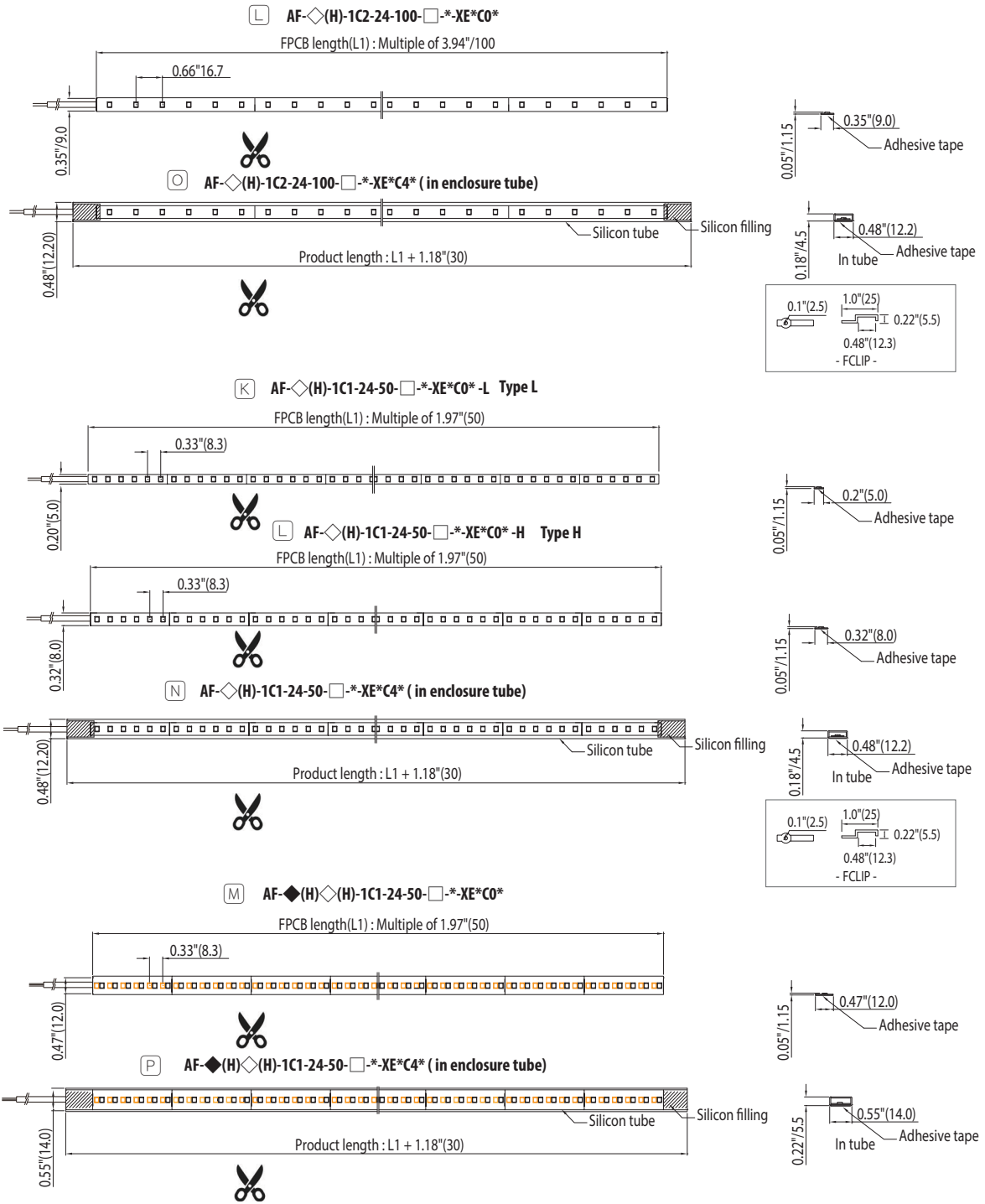
(inch / mm)



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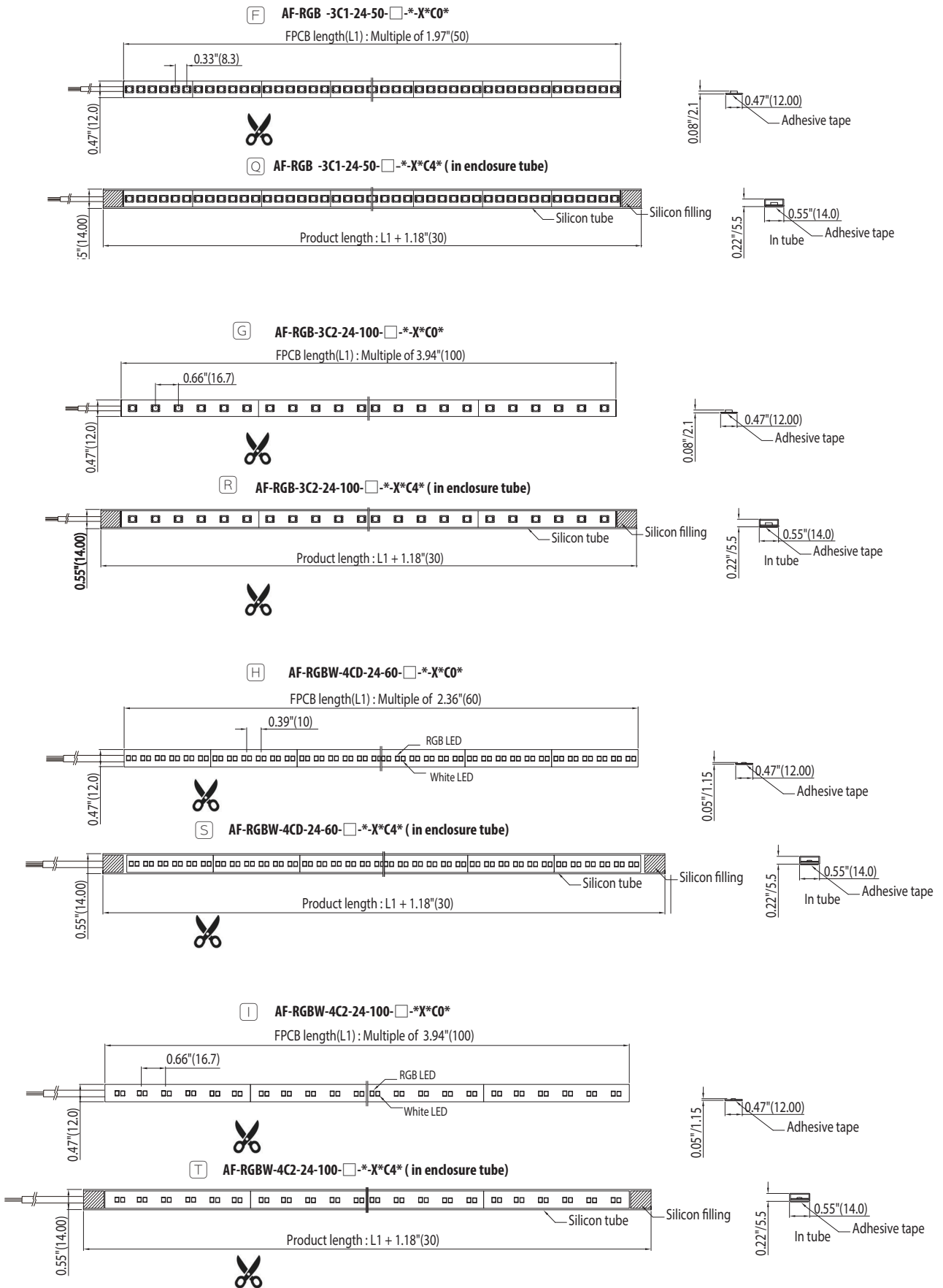
(inch / mm)



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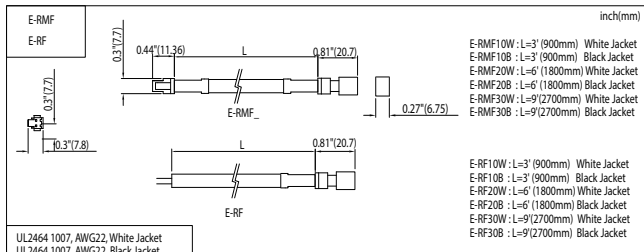
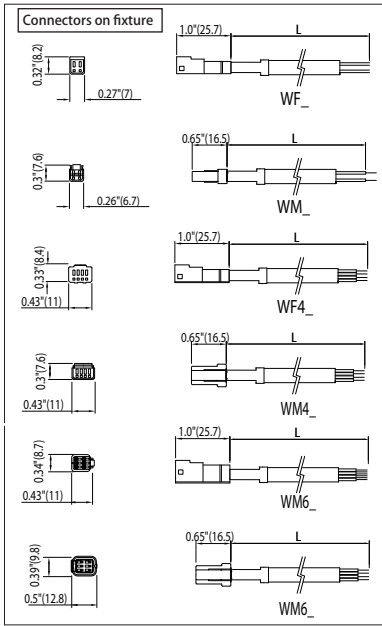
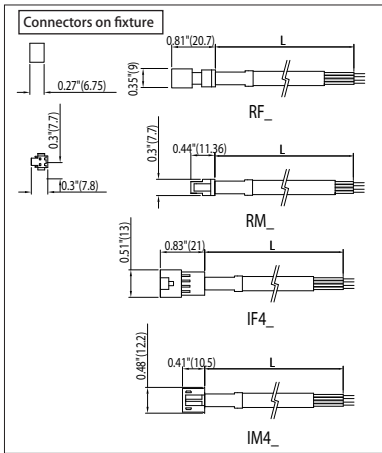
(inch / mm)



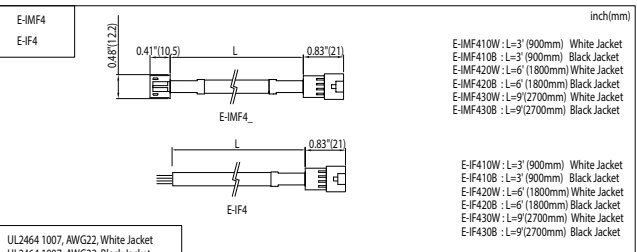
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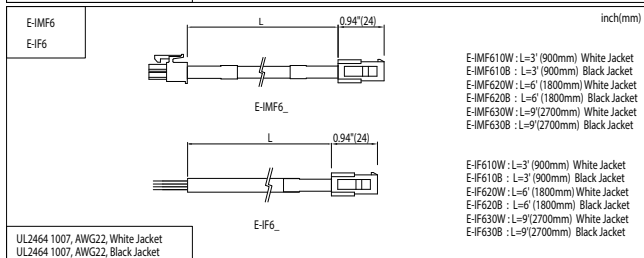
(inch / mm)



- inch(mm)
- E-RMF10W : L=3' (900mm) White Jacket
  - E-RMF10B : L=3' (900mm) Black Jacket
  - E-RMF20W : L=6' (1800mm) White Jacket
  - E-RMF20B : L=6' (1800mm) Black Jacket
  - E-RMF30W : L=9' (2700mm) White Jacket
  - E-RMF30B : L=9' (2700mm) Black Jacket
- E-RF10W : L=3' (900mm) White Jacket  
E-RF10B : L=3' (900mm) Black Jacket  
E-RF20W : L=6' (1800mm) White Jacket  
E-RF20B : L=6' (1800mm) Black Jacket  
E-RF30W : L=9' (2700mm) White Jacket  
E-RF30B : L=9' (2700mm) Black Jacket

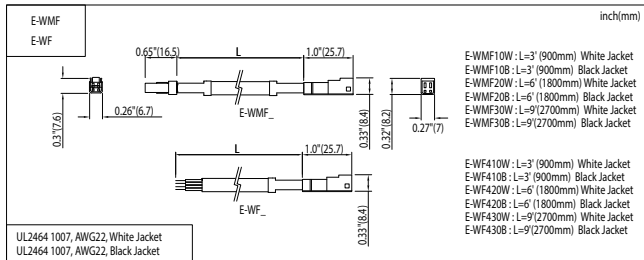


- inch(mm)
- E-IMF410W : L=3' (900mm) White Jacket
  - E-IMF410B : L=3' (900mm) Black Jacket
  - E-IMF420W : L=6' (1800mm) White Jacket
  - E-IMF420B : L=6' (1800mm) Black Jacket
  - E-IMF430W : L=9' (2700mm) White Jacket
  - E-IMF430B : L=9' (2700mm) Black Jacket
- E-IF410W : L=3' (900mm) White Jacket  
E-IF410B : L=3' (900mm) Black Jacket  
E-IF420W : L=6' (1800mm) White Jacket  
E-IF420B : L=6' (1800mm) Black Jacket  
E-IF430W : L=9' (2700mm) White Jacket  
E-IF430B : L=9' (2700mm) Black Jacket

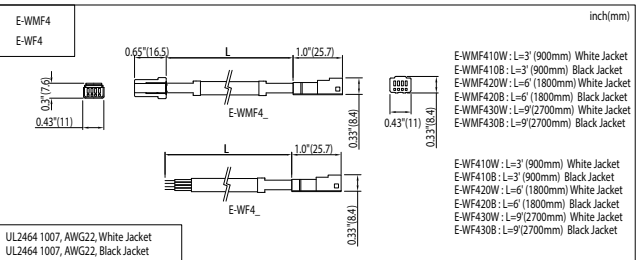


- inch(mm)
- E-IMF610W : L=3' (900mm) White Jacket
  - E-IMF610B : L=3' (900mm) Black Jacket
  - E-IMF620W : L=6' (1800mm) White Jacket
  - E-IMF620B : L=6' (1800mm) Black Jacket
  - E-IMF630W : L=9' (2700mm) White Jacket
  - E-IMF630B : L=9' (2700mm) Black Jacket
- E-IF610W : L=3' (900mm) White Jacket  
E-IF610B : L=3' (900mm) Black Jacket  
E-IF620W : L=6' (1800mm) White Jacket  
E-IF620B : L=6' (1800mm) Black Jacket  
E-IF630W : L=9' (2700mm) White Jacket  
E-IF630B : L=9' (2700mm) Black Jacket

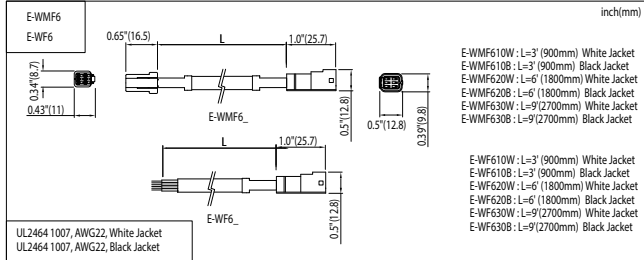
[ EXTENSION CABLE, Separately sold ]



- inch(mm)
- E-WMF10W : L=3' (900mm) White Jacket
  - E-WMF10B : L=3' (900mm) Black Jacket
  - E-WMF20W : L=6' (1800mm) White Jacket
  - E-WMF20B : L=6' (1800mm) Black Jacket
  - E-WMF30W : L=9' (2700mm) White Jacket
  - E-WMF30B : L=9' (2700mm) Black Jacket
- E-WF410W : L=3' (900mm) White Jacket  
E-WF410B : L=3' (900mm) Black Jacket  
E-WF420W : L=6' (1800mm) White Jacket  
E-WF420B : L=6' (1800mm) Black Jacket  
E-WF430W : L=9' (2700mm) White Jacket  
E-WF430B : L=9' (2700mm) Black Jacket



- inch(mm)
- E-WMF410W : L=3' (900mm) White Jacket
  - E-WMF410B : L=3' (900mm) Black Jacket
  - E-WMF420W : L=6' (1800mm) White Jacket
  - E-WMF420B : L=6' (1800mm) Black Jacket
  - E-WMF430W : L=9' (2700mm) White Jacket
  - E-WMF430B : L=9' (2700mm) Black Jacket
- E-WF410W : L=3' (900mm) White Jacket  
E-WF410B : L=3' (900mm) Black Jacket  
E-WF420W : L=6' (1800mm) White Jacket  
E-WF420B : L=6' (1800mm) Black Jacket  
E-WF430W : L=9' (2700mm) White Jacket  
E-WF430B : L=9' (2700mm) Black Jacket



- inch(mm)
- E-WMF610W : L=3' (900mm) White Jacket
  - E-WMF610B : L=3' (900mm) Black Jacket
  - E-WMF620W : L=6' (1800mm) White Jacket
  - E-WMF620B : L=6' (1800mm) Black Jacket
  - E-WMF630W : L=9' (2700mm) White Jacket
  - E-WMF630B : L=9' (2700mm) Black Jacket
- E-WF610W : L=3' (900mm) White Jacket  
E-WF610B : L=3' (900mm) Black Jacket  
E-WF620W : L=6' (1800mm) White Jacket  
E-WF620B : L=6' (1800mm) Black Jacket  
E-WF630W : L=9' (2700mm) White Jacket  
E-WF630B : L=9' (2700mm) Black Jacket

[ EXTENSION CABLE, Separately sold ]

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