

# NPB C5 A

## FEATURES

- Constant current circuit for steady lumen output along the strip.
- Slim and low profiles for elaborate space.
- Supreme consistency in beam spread and dust, moisture or water protection with UV stabilized PU potting (diffused or clear options)
- IP67
- Maximized evenness of CCT and brightness by professional bin management.
- Wide range of CCT options (1800K ~ 7000K), Dual white, Color (RGB, RGBW).
- A short increment for precise fitting.
- Bespoke option for CCT, CRI, Watt and more.



Poly Urethane potted (Clear or Diffused)

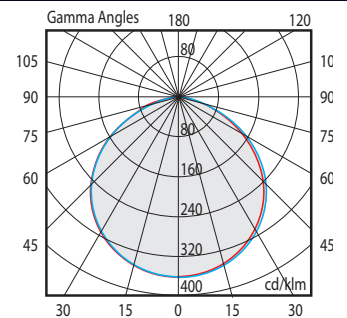
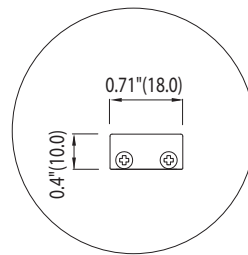


## ORDER CODE

A	20	2SC0	24	43	23	(M)997	LA	WF	EE	C5	C	N	N	3W/ft	
A	RGB40	3C2	24	100	12	3' 11 41/64"	LA	B	BB	C5	M	B	DS		
ACROSENTEC	CCT, COLOR	CRI	CHIP TYPE (FACTORY CODE)	INPUT VOLT	INCREMENT (mm)	MULTIPLIER	FIXTURE LENGTH	PRODUCT NAME	TYPE OF CONNECTORS ON FIXTURE	FEED POSITION	IP RATE	ECAPSULATION	FIXTURE FINISH	MOUNTING	BESPOKE NOTE
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A	18 30 42 20 33 45 RGB 22 35 50 RGBW 24 37 55 27 40 65	(BLANK) H	*	24 DC24V	*	*	( )* (M)*	LA LA : NPB CSA	S WM6 B WMF6 WM WMF WM4 WMF4	E F EE FF S SS	C5	M C : CLEAR M : DIFFUSED	N B N : NORMAL ANODIZED B : BLACK ANODIZED	N NJ DS N : N CLIP NJ : NJ CLIP DS : TAPE	*
ORDER CODE EXAMPLES		Blank : CRI 80+ H : CRI 95 (typ)		See the table		See the table		S : SINGLE END LEAD B : BOTH END LEADS 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		See the DRAWING A.					

## SPECIFICATION

- **Input, Watt** ..... DC24V , 7.5-17W/3' 3.4" (1Meter)
- **Dimming** ..... 0-10, DMX, BT, WIFI
- **Beam Angle** ..... 110°
- **Operation Temp(°F/°C)** ..... Ta : -13~122 / -25~50
- **Expected Life Hours** ..... 60000 Hrs
- **Mounting Accessory** ..... CLIP(N, NJ), TAPE(DS)
- **Color Temperature**



CRI typ 85



acrosentec

NPB C5 A		A-◇-2SC0-24-43-□*-LA*C5*		A-◇-1C0-24-30-□*-LA*C5*		A-◇-1C0-24-50-□*-LA*C5*		A-◇-1C0-24-86-□*-LA*C5*	
DRAWING ID (See the dimension)		A		B		C		D	
CCT (CRI Option)	Normal White	6500K(85), 5600K(85), 4000K(85)						6500K(85), 5600K(85), 4000K(85)	
	Warm White	3500K(85), 3000K(85), 2700K(85), 2450K(85), 2200K(85), 2000K(85), 1800K(85)						2450K(85) 2200K(85) 2000K(85) 1800K(80)	
Lumen / Ft   1Meter (CRI typ 85)	6500K, 5600K	-	-	605	1985	605	1985	273	895 / CCT
	4000K, 3500K	-	-	585	1918	585	1918	264	865 / CCT
	3000K	-	-	563	1845	563	1845	-	-
	2700K	-	-	555	1820	555	1820	-	-
	2450K	426	1398	-	-	-	-	213	699 / CCT
	2200K	410	1346	-	-	-	-	205	673 / CCT
Lumen / Ft   1Meter (CRI typ 85)	2000K	378	1239	-	-	-	-	189	620 / CCT
	1800K	334	1094	-	-	-	-	167	547 / CCT
Power Consumption (Watt) / Ft   1Meter		4.9	16.0	4.9	16.0	4.9	16	4.9	16
5 Input Volt(DC)		24V							
Max PCB length of a single product (ft/mm) (6 PCB increment x 7 Max Multiplier)		6' 5.7" / 1974 (42.9mm x Max 46)		6' 6.0" / 1980 (30mm x Max 66)		6' 6.8" / 2000 (50mm x Max 40)		7' 1.1" / 2160 (85.8mm x Max 25)	
Max Serial run of PCB (ft/mm)		18' 0.3" / 5492		18' 0.2" / 5490		18' 0.6" / 5500		18' 0.3" / 5492	
6 Length of PCB increment (inch/mm)		1.69" / 42.9		1.18" / 30		1.97 / 50		3.38" / 85.8	
8 Total Product Length (inch/mm)		PCB length(6x 7) + 0.4" / 10							
Feed Accessory		10 TYPE OF FEED ON FIXTURE : WM, WMF, Extension : E-WF, E-WMF							
11 Power Feed Entry		END/ SIDE / FLOOR							
14 Fixture finish		Anodized Profile, Encapsulation(PU) : Clear or Diffused							
Temp(°F / °C) Tc		145 / 63						145 / 63	
Net Wt / Ft(lb)   1Meter(g)		0.27   360							

\* Lumen value is based on with clear encapsulation. Data is subject to change without notice for improvement

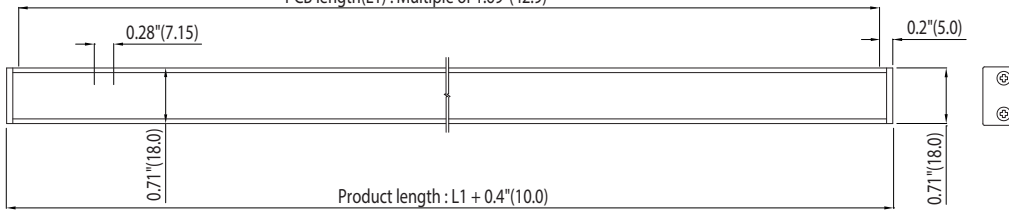
NPB C5 A COLOR		A-RGB-3C1-24-50-□*-LA*C5*		A-RGBW-4C2-24-100-□*-LA*C5*	
DRAWING ID (See the dimension)		E		F	
CCT (CRI Option)	W	-		6500K(85), 5600K(85), 4000K(85), 3000K(85)	
WD	RGB	R : 625nm, G : 525nm, B : 460nm			
Lumen / 3' 3.4", 1MTR (W)	W	-	-	6500K( 218), 5600K(218), 4000K( 211), 3000K(201)	6500K( 716), 5600K( 716), 4000K( 692), 3000K(660)
	RGB	164	539	107	350
Power Consumption (Watt) / Ft   1Meter	RGB	4.9	16	3.2	10.4
	W	-	-	1.9	6.4
5 Input Volt(DC)		24V			
Max PCB length of a single product (ft/mm) (6 PCB increment x 7 Max Multiplier)		6' 6.8" / 2000 (50mm x Max 40)		6' 6.8" / 2000 (100mm x Max 20)	
Max Serial run of PCB (ft/mm) of PCB		18' 0.6" / 5500		18' 0.6" / 5500	
6 Length of PCB increment (inch/mm)		1.97" / 50		3.94" / 100	
8 Total Product Length (inch/mm)		PCB length(6x 7) + 0.4" / 10			
Feed Accessory		10 TYPE OF FEED ON FIXTURE : WM4, WMF4, WM6, WMF6, EXTENSION : E-WF4, E-WMF4, E-WF6, WMF6			
11 Power Feed direction		END/ SIDE / FLOOR			
14 Fixture finish		Anodized Profile, Encapsulation(PU) : Clear or Diffused			
Temp(°F / °C) Tc		145 / 63			
Net Wt / Ft(lb)   1Meter(g)		0.27   360			

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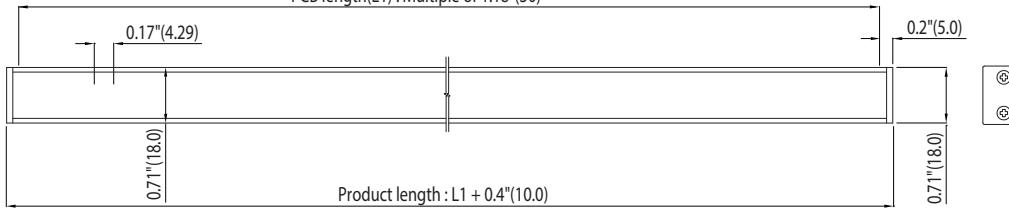
# DIMENSION

(inch / mm)

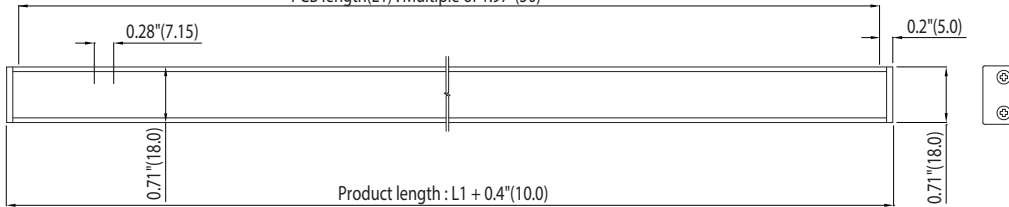
**(A) NPB C5, A-◇-25C0-24-43-□\*-LA\*C5\***  
PCB length(L1) : Multiple of 1.69"(42.9)



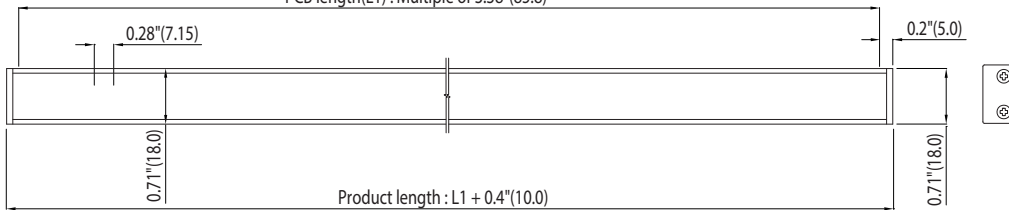
**(B) NPB C5, A-◇-1C0-24-30-□\*-LA\*C5\***  
PCB length(L1) : Multiple of 1.18"(30)



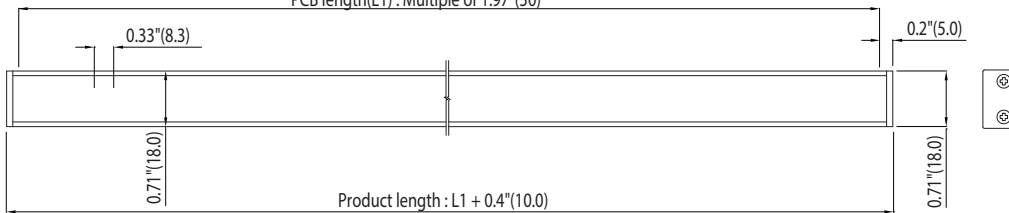
**(C) NPB C5, A-◇-1C0-24-50-□\*-LA\*C5\***  
PCB length(L1) : Multiple of 1.97"(50)



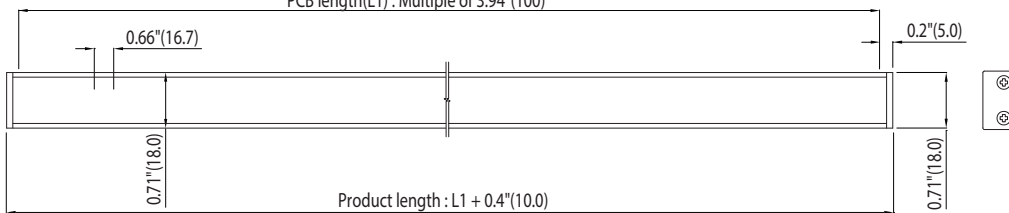
**(D) NPB C5, A-◆-1C0-24-86-□\*-LA\*C5\***  
PCB length(L1) : Multiple of 3.38"(85.8)



**(E) NPB C5, A-RGB-3C1-24-50-□\*-LA\*C5\***  
PCB length(L1) : Multiple of 1.97"(50)



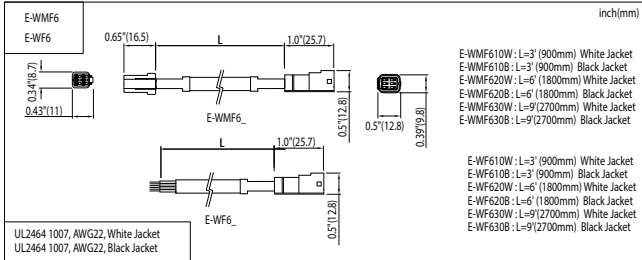
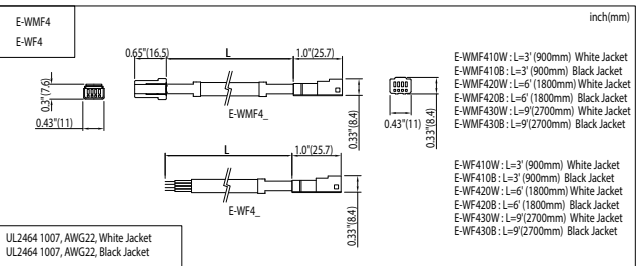
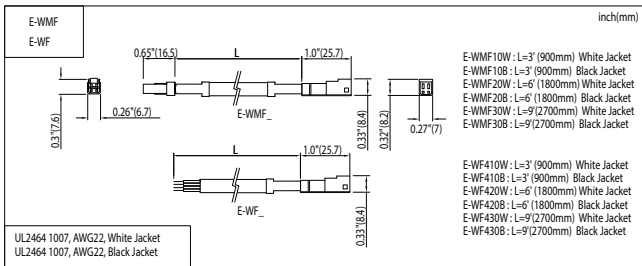
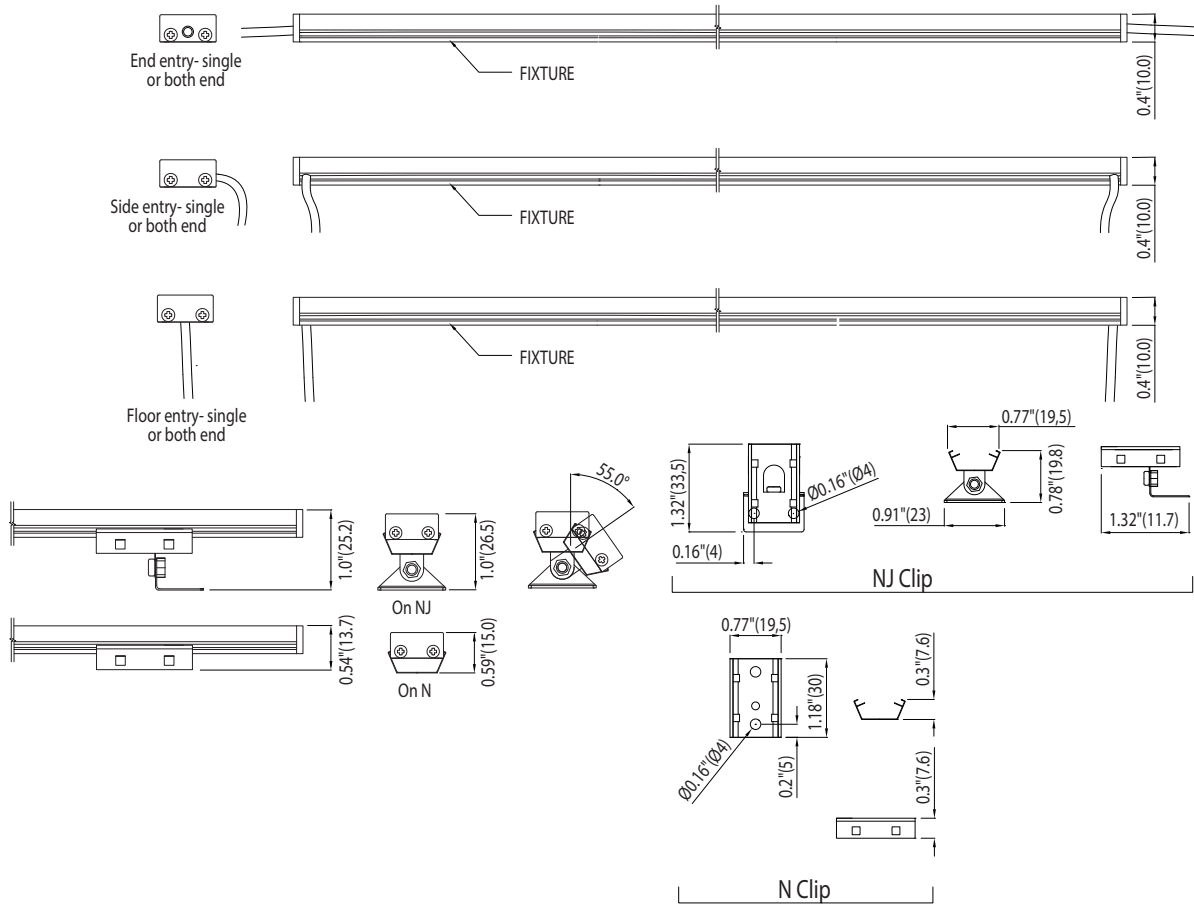
**(F) NPB C5, A-RGBW-4C2-24-100-□\*-LA\*C5\***  
PCB length(L1) : Multiple of 3.94"(100)



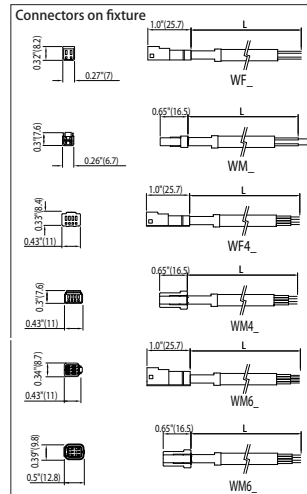
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# DIMENSION

(inch / mm)



[ EXTENSION CABLE , Separately sold ]



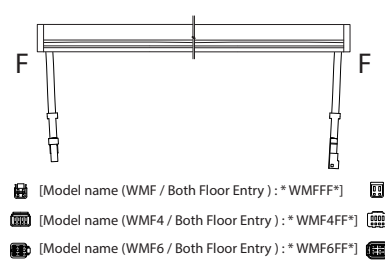
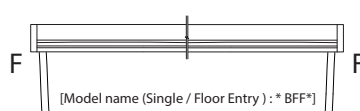
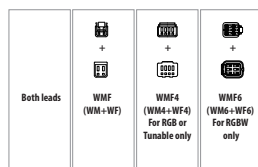
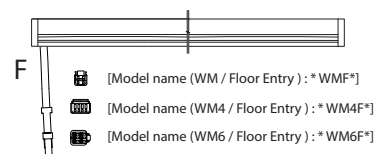
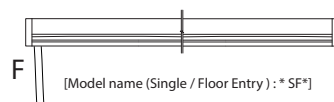
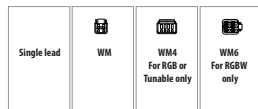
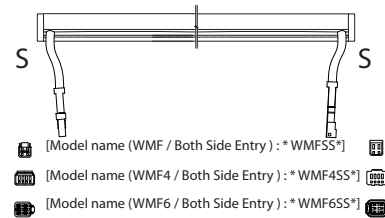
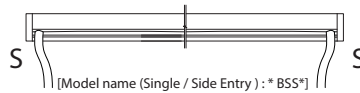
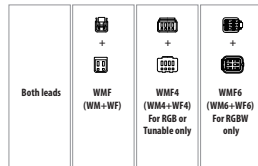
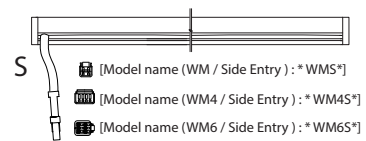
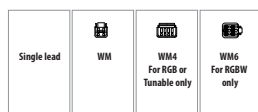
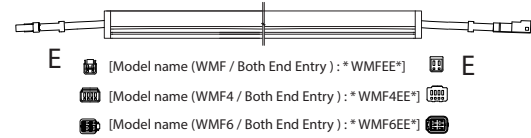
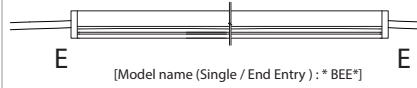
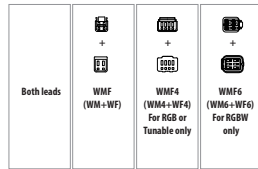
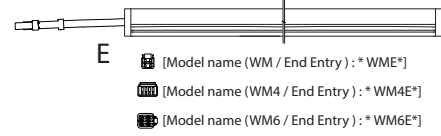
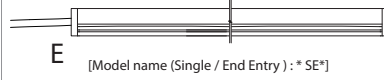
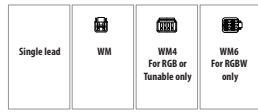
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# DIMENSION

(inch / mm)

## DRAWING A

### 10 Type of Feed on the fixture / 11 Feed position



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