

# MPB

## FEATURES

- Constant current circuit for steady lumen output along the strip.
- Very slim and low profiles for elaborate space.
- Splendid consistency in beam spread and dust protection with UV stabilized opaque or clear cover.
- IP Rate IP40
- Maximized evenness of CCT and brightness by professional bin management.
- Wide range of CCT options (1800K ~ 7000K), dual white, color (RGB)
- HCRI 95 option / HCRI 97 ( with R9>85) option in wider spectrum.
- A short increment for precise fitting
- Bespoke option for CCT, CRI, Watt



## PRODUCT DESCRIPTION CODES / SPECIFICATIONS

**A-27 H- 1C1- 24- 90-3D- MSC 2M**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫

- ① **NAME** ..... ACROSENTEC
- ② **CCT**
  - Normal White**
  - Warm White**
- ③ **Level of CRI** ..... H : CRI typ 95, 90+, Blank : CRI typ 85
- ④ **LED pitch(inch/mm)** ..... Refer to the Dimension
- ⑤ **Input VOLT(DC)** ..... 24 V
- ⑥ **Length of add-on(inch/mm)** ..... Refer to the table
- ⑦ **Quantity of add-on** ..... Variable
- ⑧ **Unit for length adjustment** ..... Refer to the table
- ⑨ **Product model** ..... MPB
- ⑩ **Feed receptacle** ..... S : Single end LW, B : Both ends LW  
RF, RFM, IM, IMF, IM4, IMF4
- ⑪ **IP Rate** ..... C2 : IP40
- ⑫ **Diffuser type** ..... M : Opaque, MS : Light opaque, Blank : Clear

**Dimming** ..... PWM, DALI, 0-10, DMX

**Beam Angle** ..... 120°

**Operation Temp(°F/°C)** ..... Ta : -13~122 / -25~50

**Expected Life Hours** ..... 60000 Hrs

**Mounting Accessory** ..... Bracket (S, SJ), Magnet (MG), Tape (DS)

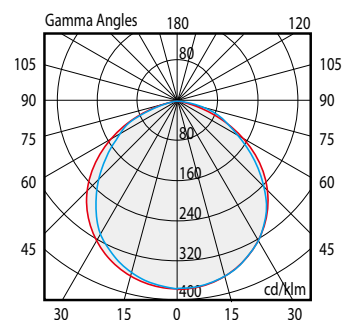
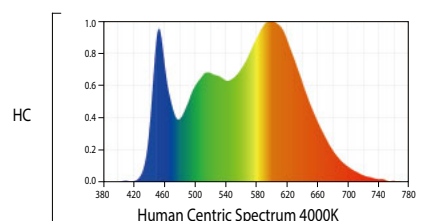
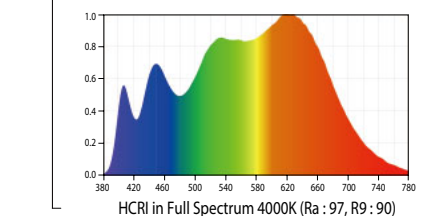
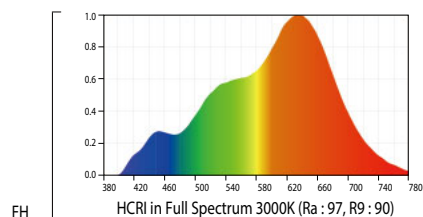
**Beam Angle**



**Beam Angle**



- Bespoke option in FH, HC spectrum -



**ACROSENTEC**

MPB		A-◇(H)-1CD-24-60-□(D)-MSC2(M)	A-◇(H)-1C1-24-90-□(D)-MSC2(M)	A-◇(H)-1C2-24-112-□(D)-MSC2(M)	A-◇(H)-1C3-24-150-□(D)-MSC2(M)	A-◇(H)-1C4-24-240-□(D)-MSC2(M)	A-◇(H)◇(H)-1C0-24-100-□(D)-MSC2(M)
CCT (CRI Option)	Normal White	6500K(95, 85), 5600K(95, 85), 4000K(95, 85)					
	Warm White	3500K(95, 85), 3000K(95, 85) 2700K(95, 85), 2450K(90+, 85) 2200K(90+, 85), 2000K(85), 1800K(85)					2700K(95, 85) 2450K(90+, 85) 2200K(90+, 85) 2000K(85) 1800K(85)
Lumen / 3' 3.4", 1MTR (CRI typ 85)	6500K, 5600K	1752	1539	1410	1293	876	774 / CCT
	4000K, 3500K	1692	1496	1362	1248	846	748 / CCT
	3000K	1628	1439	1310	1201	814	-
	2700K	1606	1420	1293	1185	803	710 / CCT
	2450K	1371	1212	1103	1011	685	606 / CCT
	2200K	1320	1167	1063	974	660	584 / CCT
Lumen / 3' 3.4", 1MTR (CRI typ 85)	2200K	1211	1071	975	894	606	536 / CCT
	1800K	1073	948	863	791	536	474 / CCT
Lumen / 3' 3.4", 1MTR (CRI typ 95)	6500K, 5600K	1409	1246	1134	1039	704	623 / CCT
	4000K, 3500K	1361	1204	1096	1004	681	602 / CCT
	3000K	1309	1158	1054	966	655	-
	2700K	1292	1142	1040	953	646	571 / CCT
Lumen / 3' 3.4", 1MTR (CRI 90+)	2450K	1041	921	838	768	521	460 / CCT
	2200K	924	817	744	682	462	409 / CCT
Power Consumption (Watt) 3' 3.4", 1Meter		16.4	14.5	13.2	12.1	8.2	14.5
Input Volt(DC)		24V					
Power Feed direction		END					
Color of Fixture		Silver, Matt black, Diffuser : Opaque , Light opaque, Clear					
Net Wt (lb/g) / 3' 3.4", 1Meter		0.35 / 160					
Feed Accessory		RM, IF, IF4 / LW					
Max PCB length of a single product (ft/mm)		5' 10.9" / 1800	5' 10.9" / 1800	6' 3.3" / 1913	6' 4.8" / 1950	6' 3.6" / 1920	4' 11.1" / 1500
Max Serial run of PCB (ft/mm), standard		8' 10.3" / 2700	10' 0.5" / 3060	10' 4.0" / 3150	11.81 / 3600	18' 1.3" / 5520	4' 11.1" / 1500
Max Serial run of PCB (ft/mm), extended		13' 11.7" / 4260	15' 0.7" / 4590	15' 10.5" / 4838	18' 8.4" / 5700	22' 10.0" / 6960	-
Ⓞ Length of add-on (inch/mm)		2.36" / 60mm (1.57" / 40mm)	3.54" / 90mm (1.77" / 45mm)	4.43" / 112.5mm (2.21" / 56mm)	5.91" / 150mm (2.95" / 75mm)	9.45" / 240mm (4.72" / 120mm)	3.94" / 100mm
Total Product Length (inch/mm)		PCB length + 0.2" / 5mm					

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

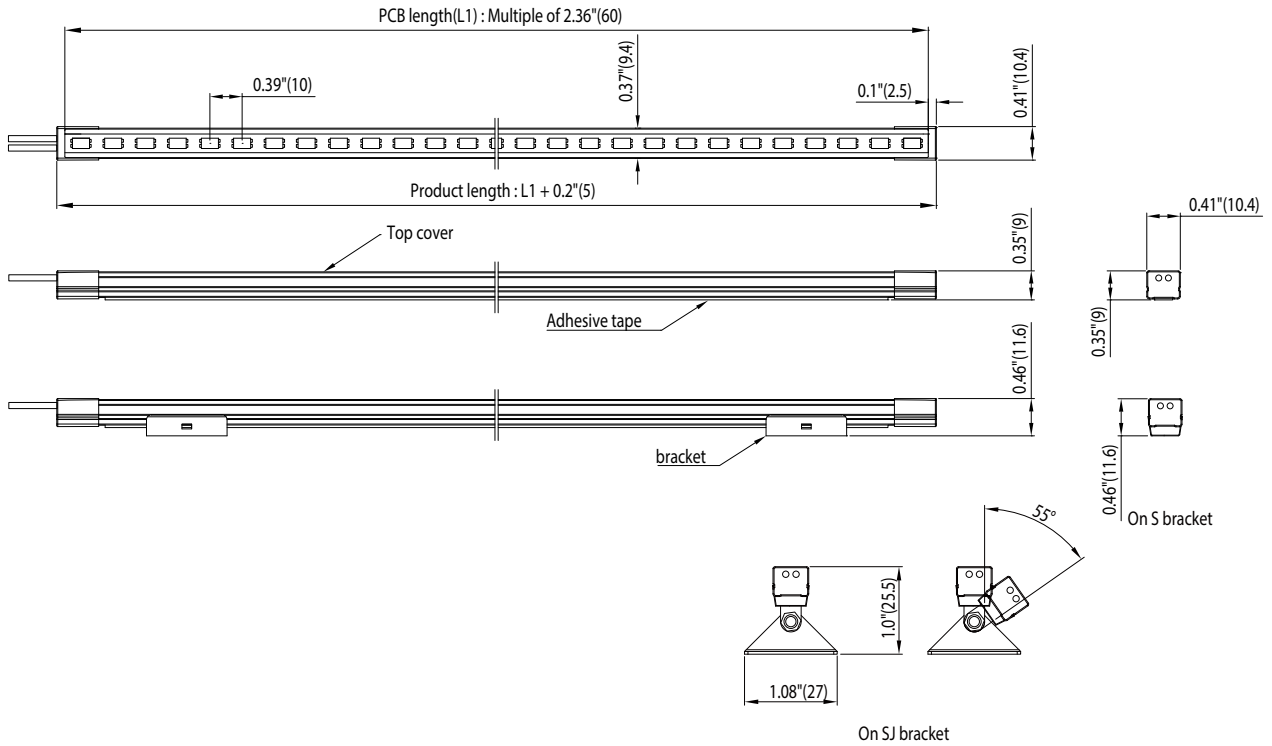
MPB Color		A-RGB-3C2-24-100-□-MSC2(M)	A-RGB-3C2-24-67-□-MSC2(M)
WD	RGB	R : 625nm, G : 520nm, B : 460nm	
Lumen / 3' 3.4", 1MTR		365	
Power Consumption (Watt) / 3' 3.4", 1MTR		11.1	16.5
Input Volt(DC)		24V	
Power Feed direction		End	
Color of Fixture		Silver, Matt Black, Diffuser : Opaque , Light opaque, Clear	
Net Wt (lb/g) / 3' 3.4", 1Meter		0.35 / 160	
Feed Accessory		IF4 / LW	
Max PCB length of a single product (ft/mm)		6' 6.7" / 2000	6' 6.7" / 2000
Max Serial run of PCB (ft/mm), standard		14' 9.2" / 4500	9' 2.2" / 2800
Max Serial run of PCB (ft/mm), extended		-	-
Ⓞ Length of add-on (inch/mm)		3.94" / 100mm	2.63" / 67mm
Total Product Length (inch/mm)		PCB length + 0.2" / 5mm	

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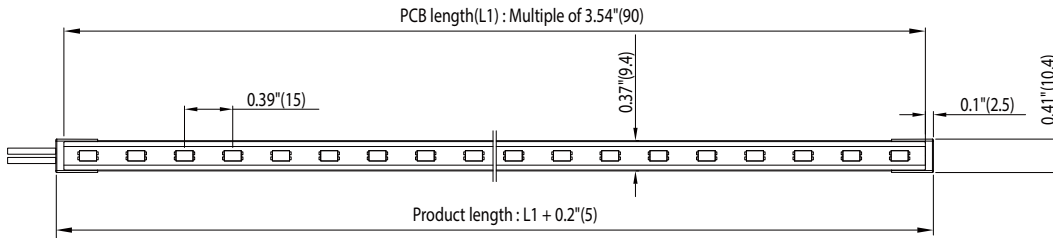
# DIMENSION

(inch / mm)

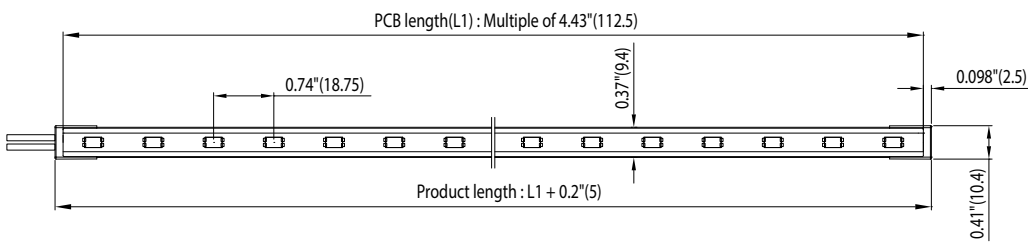
## A-◇(H)-1CD-24-60-□(D)-MSC2(M)



## A-◇(H)-1C1-24-90-□(D)-MSC2(M)

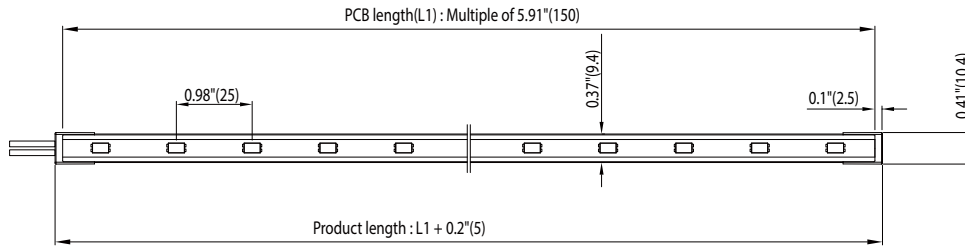


## A-◇(H)-1C2-24-112-□(D)-MSC2(M)

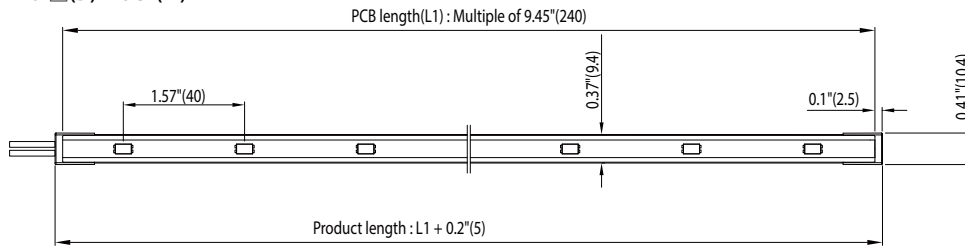


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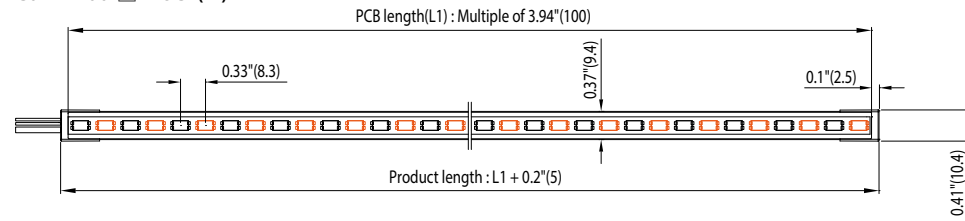
A-◇(H)-1C3-24-150-□(D)-MSC2(M)



A-◇(H)-1C4-24-240-□(D)-MSC2(M)

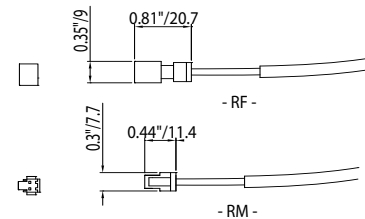
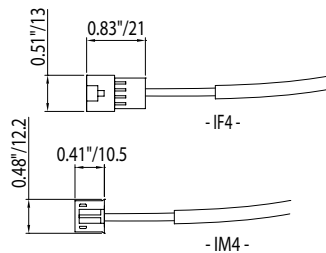
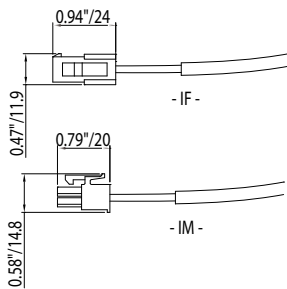
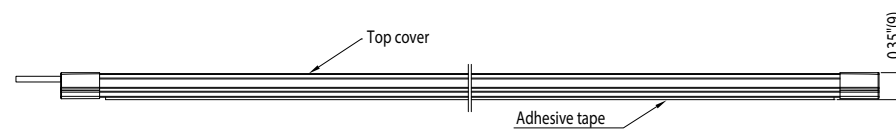
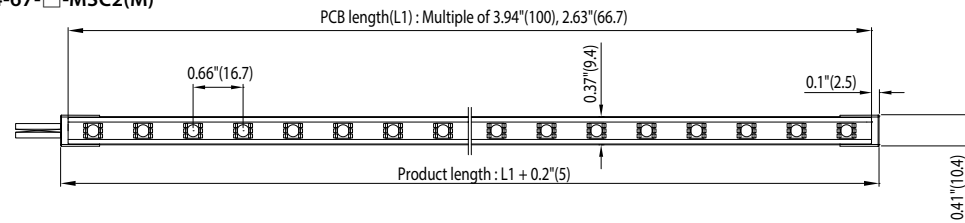


A-◆(H)◇(H)-1C0-24-100-□-MSC2(M)



A-RGB-3C2-24-100-□-MSC2(M)

A-RGB-3C2-24-67-□-MSC2(M)



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