

# MPB R, RS



## 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.
- IP Rate IP40
- Maximized evenness of CCT and brightness by professional bin management.
- Wide range of CCT options (1800K ~ 7000K), Dual white
- HCRI 95 option / HCRI 97 ( with R9>85) option in wider spectrum
- A short increment for precise fitting
- Wide beam angle.
- Suitable for either surface mount or recessed. Replacement of T5 tube. Concealed bracket
- Bespoke option for CCT, CRI, Watt



## PRODUCT DESCRIPTION CODES / SPECIFICATIONS

**A- 27H-1C0-24 - 47- 4- MRSSC2M**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

① NAME ..... ACROSENTEC

② CCT

Normal White      Warm White      Beam Angle

CRI typ 95      CRI 90+      Beam Angle 150°X110°

Normal White      Warm White      Beam Angle

CRI typ 85      Beam Angle 150°X110°

③ Level of CRI ..... FH : CRI typ 97, H : CRI typ 95, 90+, Blank : CRI typ 85,  
HC : Human Centric 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 Product model ..... MR : MPB R, MRS : MPB RS

⑨ Feed receptacle ..... S : Single end LW, B : Both ends LW,  
RF, RFM, IM, IMF, IM4, IMF4

⑩ IP Rate ..... C2 : IP40

⑪ Diffuser type ..... M : Opaque

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

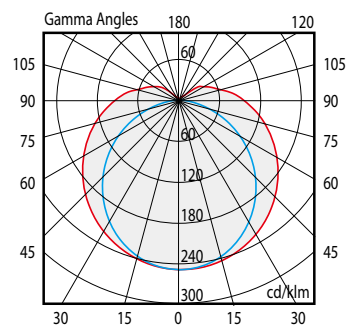
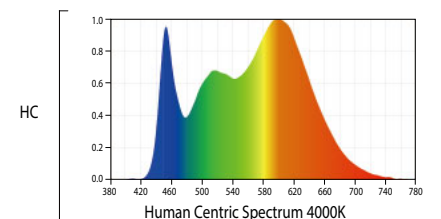
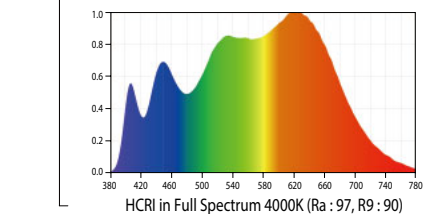
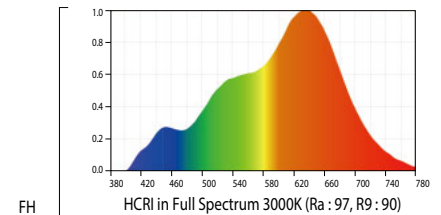
Beam Angle ..... 150°

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

Expected Life Hours ..... 60000 Hrs

Mounting Accessory ..... Bracket (R, RS), Magnet (MG), Tape (DS)

- Bespoke option in FH, HC spectrum -

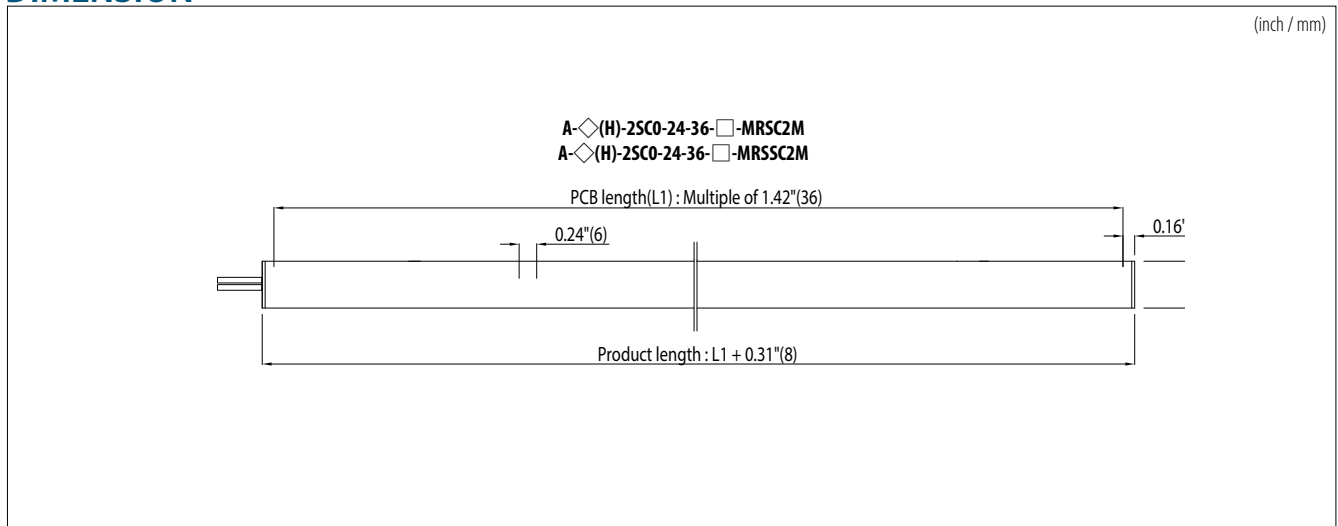


acrosentec

MPB R, RS		A-◇(H)-2SC0-24-36-□-MRSC2M, MRSSC2M	A-◇(H)◇(H)-1C0-24-60-□-MRSC2M, MRSSC2M	A-◇(H)-1C0-24-47-□-MRSC2M, MRSSC2M	A-◇FH-1C0-24-42-□-MRSC2M, MRSSC2M	A-◇HC-1C0-24-36-□-MRSC2M, MRSSC2M	A-◇HC-1C0-24-60-□-MRSC2M, MRSSC2M
CCT (CRI Option)	Normal White	-	6500K(95, 85) 5600K(95, 85) 4000K(95, 85)	6500K(95, 85) 5600K(95, 85) 4000K(95, 85)	6500K(97) 5600K(97) 4000K(97)	5000K(85) 4000K(85)	5000K(85) 4000K(85)
	Warm White	2450K(90+, 85) 2200K(90+, 85) 2000K(85) 1800K(85)	2450K(90+, 85) 2200K(90+, 85) 2000K(85) 1800K(85)	3500K(95, 85) 3000K(95, 85) 2700K(95, 85)	3500K(97) 3000K(97) 2700K(97)	3000K(85) 2700K(85)	3000K(85) 2700K(85) 2200K(85)
Lumen / 3' 3.4", 1MTR (CRI typ 85)	6500K, 5600K	-	1051 / CCT	2454	-	1323	662 / CCT
	4000K, 3500K	-	1015 / CCT	2370	-	1247	624 / CCT
	3000K	-	-	2280	-	1208	600 / CCT
	2700K	-	-	2250	-	1184	592 / CCT
	2450K	1605	802 / CCT	-	-	-	-
	2200K	1546	773 / CCT	-	-	-	423 / CCT
Lumen / 3' 3.4", 1MTR (CRI typ 85)	2000K	1419	709 / CCT	-	-	-	-
	1800K	1256	628 / CCT	-	-	-	-
Lumen / 3' 3.4", 1MTR (CRI typ 95)	6500K, 5600K	-	845 / CCT	1973	1919	-	-
	4000K, 3500K	-	817 / CCT	1907	1808	-	-
	3000K	-	-	1834	1766	-	-
	2700K	-	-	1809	1659	-	-
Lumen / 3' 3.4", 1MTR (CRI 90+)	2450K	1221	610 / CCT	-	-	-	-
	2200K	1082	541 / CCT	-	-	-	-
Power Consumption (Watt) 3' 3.4", 1Meter	20.0			20.5		22.5	
Power Feed direction	END / REAR						
Temp(°F / °C) Tc	149 / 65						
Color of Fixture	Fixture : Silver, Matt black, Diffuser : Opaque						
Net Wt (lb/g) / 3' 3.4", 1Meter	0.62 / 280						
Feed Accessory	RM, RFM, IF, IMF, IF4, IMF4 / LW					LW	
Max PCB length of a single product (ft/mm)	6' 6.0" / 1980	6' 6.0" / 1980	7' 2.8" / 2205	6' 5.7" / 1974	6' 6.0" / 1980	6'8 6.0" / 1980	
Max Serial run of PCB (ft/mm) of PCB	14' 9.2" / 4500	14' 9.2" / 4500	14' 9.3" / 4503	14' 8.9" / 4494	14' 9.2" / 4500	14' 9.2" / 4500	
⊕Add on PCB Length Option (inch/mm)	1.18" / 36	2.36" / 60	1.85" / 46.9	1.38" / 42	1.18" / 36	2.36" / 60	
Total Product Length (inch/mm)	PCB length + 0.31" / 8						

\* Data is subject to change without notice for improvement

## DIMENSION

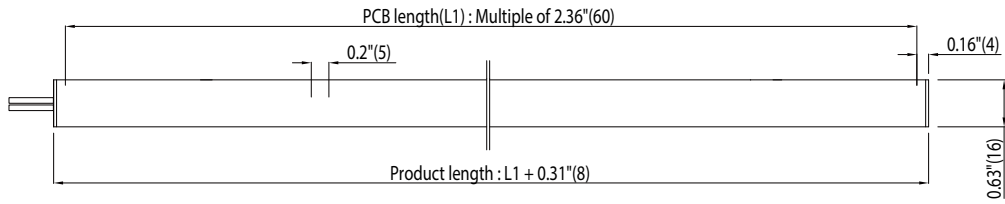


\* Data is subject to change without notice for improvement

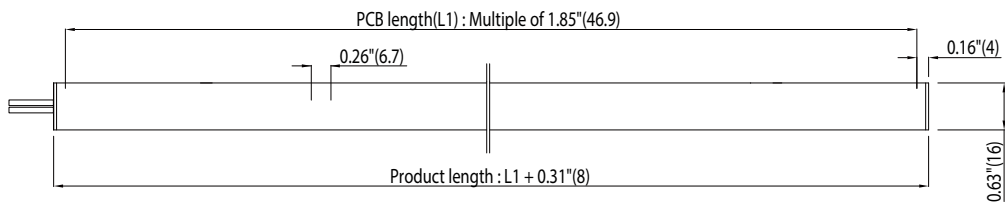
# DIMENSION

(inch / mm)

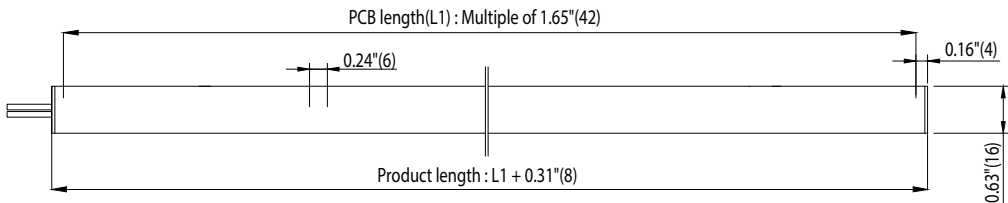
**A-◆(H)◇(H)-1C0-24-60-□-MRSC2M**  
**A-◆(H)◇(H)-1C0-24-60-□-MRSSC2M**



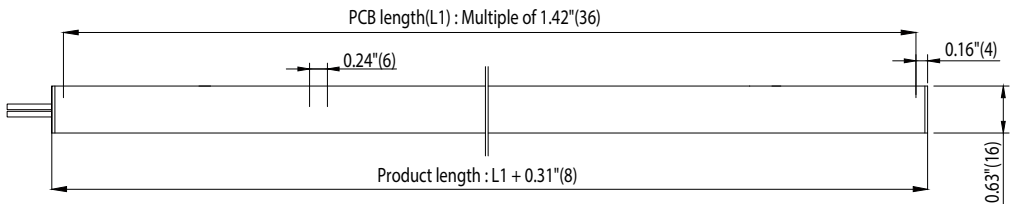
**A-◇(H)-1C0-24-47-□-MRSC2M**  
**A-◇(H)-1C0-24-47-□-MRSSC2M**



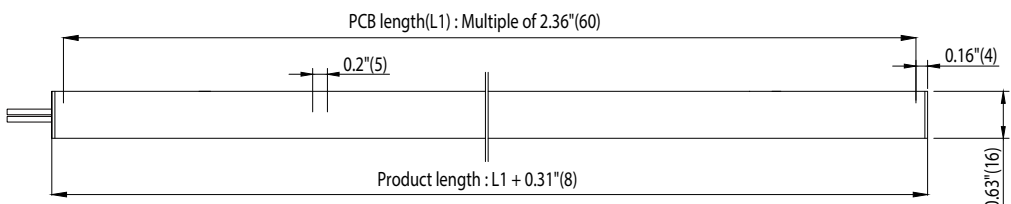
**A-◇FH-1C0-24-42-□-MRSC2M**  
**A-◇FH-1C0-24-42-□-MRSSC2M**



**A-◇HC-1C0-24-36-□-MRSC2M**  
**A-◇HC-1C0-24-36-□-MRSSC2M**



**A-◆◇HC-1C0-24-60-□-MRSC2M**  
**A-◆◇HC-1C0-24-60-□-MRSSC2M**

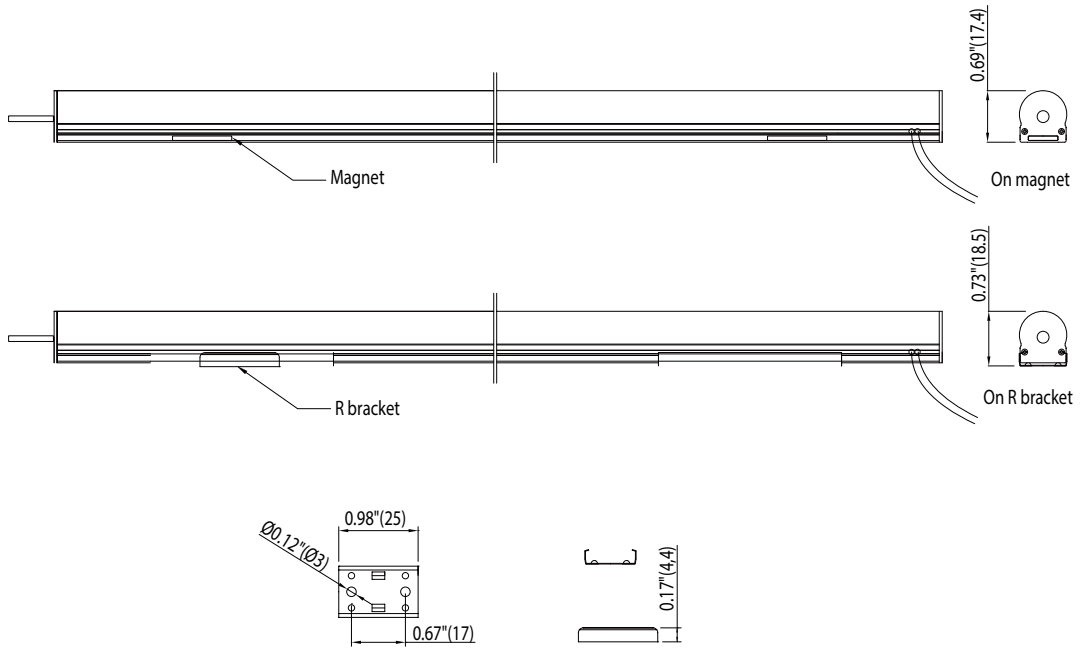


\* Data is subject to change without notice for improvement

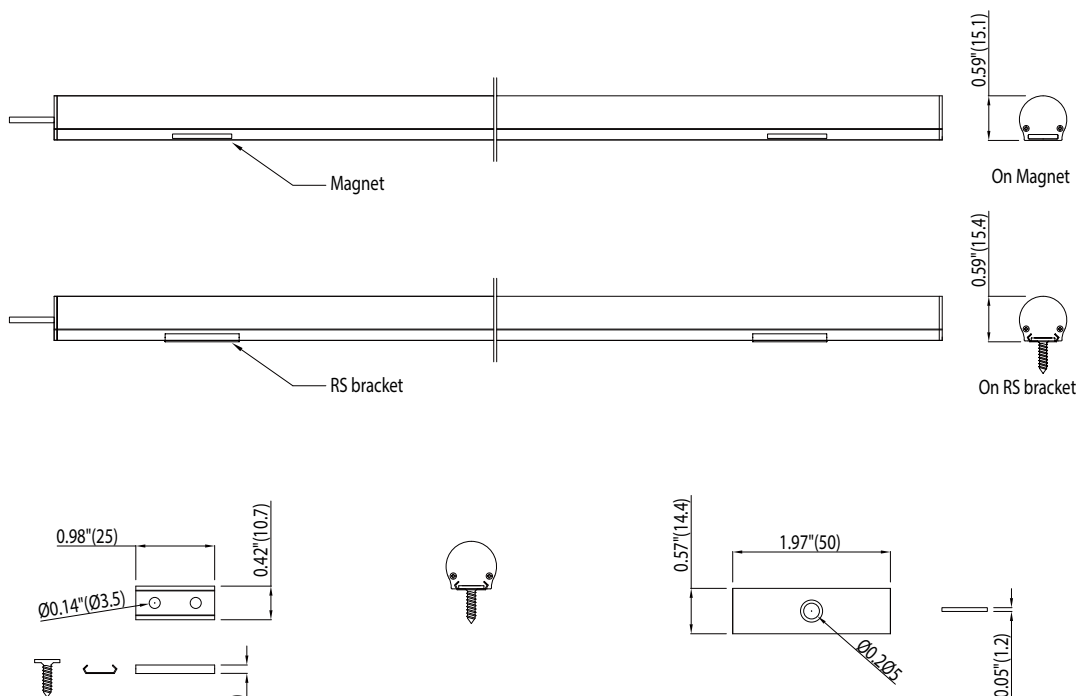
# DIMENSION

(inch / mm)

## MPB NEO R



## MPB NEO RS



\* Data is subject to change without notice for improvement