

# MPB HS, HR



## FEATURES

- Constant current circuit for steady lumen output along the strip.
- Slim and low profiles for elaborate space.
- Splendid consistency in beam spread and dust protection with UV stabilized opaque diffuser
- 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
- Various unique mounting options on concealed magnets or brackets, concealed bracket
- Suitable for either surface mount or recessed
- Bespoke option for CCT, CRI, Watt



## PRODUCT DESCRIPTION CODES / SPECIFICATIONS

**A- 27H-1C0-24-47-4- MHSSC2**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① NAME ..... ACROSENTEC

② CCT

Normal White      Warm White      Beam Angle

CRI typ 97, 95      CRI 90+      140° (HPB SR), 120° (HPB S)

Normal White      Warm White      Beam Angle

CRI typ 85      140° (HPB SR), 120° (HPB S)

③ Level of CRI ..... FH : CRI typ 97, H : CRI typ 95, Blank : CRI 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 ..... MHS : MPB HS, MHR : MPB HR

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

⑩ IP Rate ..... C2 : IP40

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

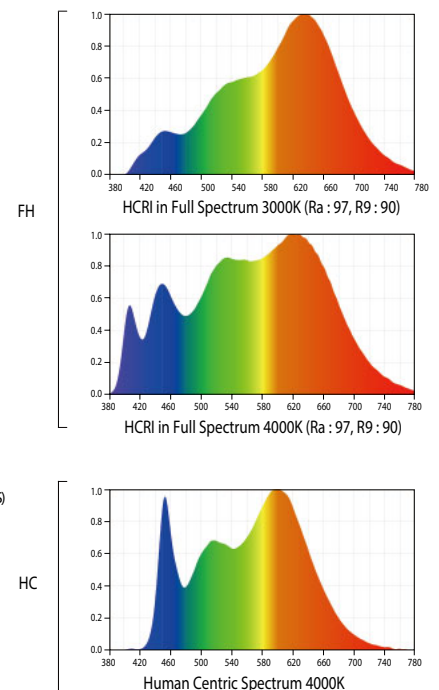
Beam Angle ..... 120°

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

Expected Life Hours ..... 60000 Hrs

Mounting Accessory ..... Bracket (RS), Magnet (MG), Taps (DS)

- Bespoke option in FH, HC spectrum -

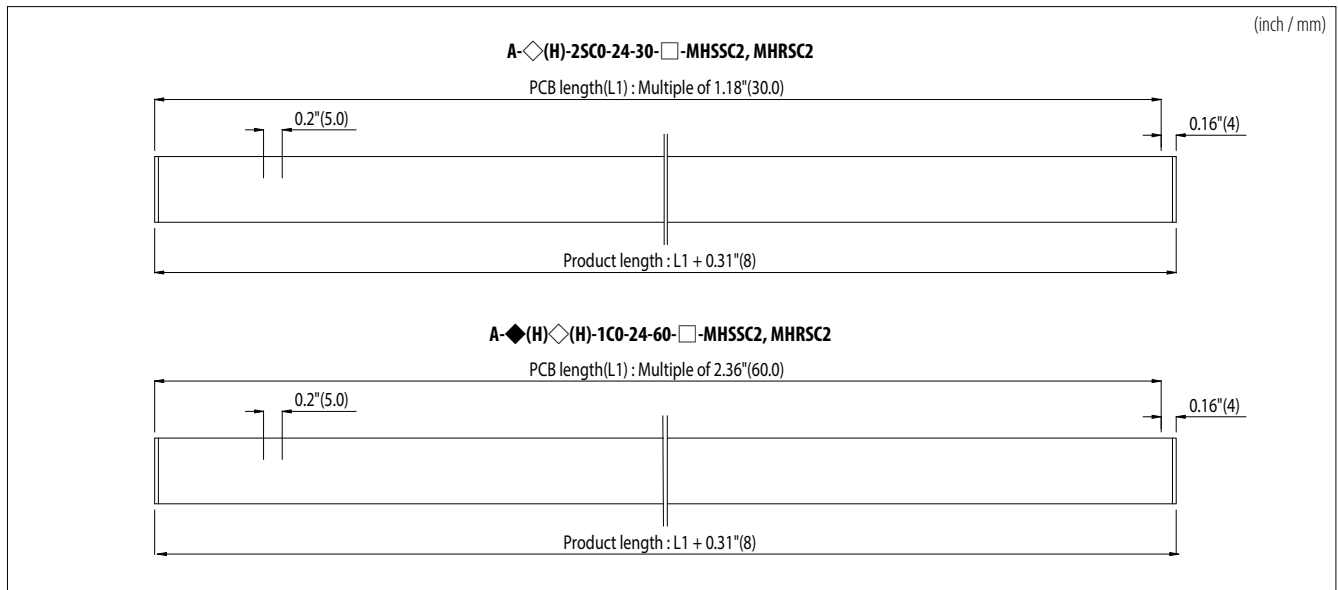


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MPB HS, HR		A-◇(H)-2SC0-24-30-□-MHSSC2, MHRSC2	A-◆(H)◇(H)-1C0-24-60-□-XMHSSC2, MHRSC2	A-◇(H)-1C0-24-47-□-MHSSC2, MHRSC2	A-◆(H)◇(H)-1C0-24-94-□-MHSSC2, MHRSC2	A-◇FH-1C0-24-35-□-MHSSC2, MHRSC2
CCT (CRI Option)	Normal White	-	6500K(95, 85), 5600K(95, 85), 4000K(95, 85)			6500K(97), 5600K(97), 4000K(97)
	Warm White	2450K(90+, 85), 2200K(90+, 85), 2000K(85), 1800K(85)		3500K(95, 85), 3000K(95, 85), 2700K(95, 85)	2700K(95, 85)	3500K(97), 3000K(97), 2700K(97)
Lumen / 3' 3.4", 1MTR (CRI typ 85)	6500K, 5600K	-	814 / CCT	1900	950 / CCT	-
	4000K, 3500K	-	787 / CCT	1836	918 / CCT	-
	3000K	-	-	1765	-	-
	2700K	-	-	1742	871 / CCT	-
	2450K	1274	637 / CCT	-	-	-
	2200K	1227	613 / CCT	-	-	-
Lumen / 3' 3.4", 1MTR (CRI typ 85)	2000K	1129	565 / CCT	-	-	-
	1800K	997	499 / CCT	-	-	-
Lumen / 3' 3.4", 1MTR (CRI typ 95)	6500K, 5600K	-	655 / CCT	1528	764 / CCT	1345
	4000K, 3500K	-	632 / CCT	1476	738 / CCT	1299
	3000K	-	-	1420	-	1250
	2700K	-	-	1401	700 / CCT	1233
Lumen / 3' 3.4", 1MTR (CRI 90+)	2450K	968	484 / CCT	-	-	-
	2000K	859	429 / CCT	-	-	-
Power Consumption (Watt) 3' 3.4", 1Meter		20.0		20.5		
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		0.68 / 310				
Feed Accessory		RM, RFM, IF, IMF, IF4, IMF4 / LW				
Max PCB length of a single product (ft/mm)		6' 6.0" / 1980	6' 6.0" / 1980	6' 7.4" / 2017	6' 9.2" / 2063	6' 7.9" / 2030
Max Serial run of PCB (ft/mm) of PCB		13' 9.4" / 4200	13' 9.4" / 4200	13' 10.2" / 4221	13' 10.2" / 4221	13' 9.4" / 4200
Ⓞ Add on PCB Length Option (inch/mm)		1.18" / 30	2.36" / 60	1.85" / 46.9	3.69" / 93.8	1.38" / 35
Total Product Length (inch/mm)		PCB length + 0.31" / 8				

\* Data is subject to change without notice for improvement

## DIMENSION



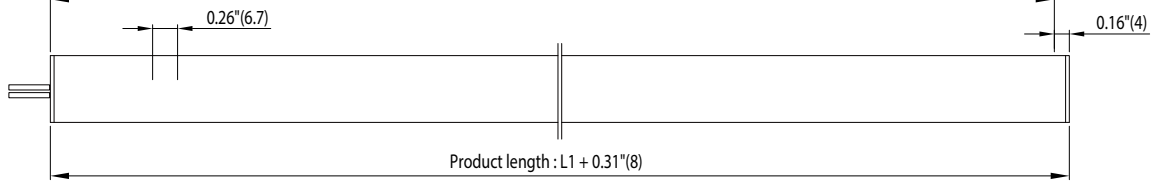
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# DIMENSION

(inch / mm)

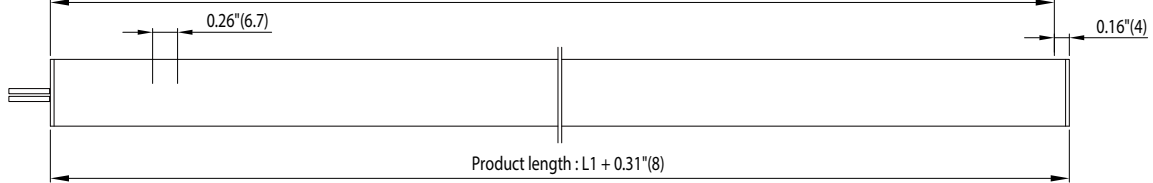
## A-◇(H)-1C0-24-47-□-MHSSC2, MHRSC2

PCB length(L1) : Multiple of 1.85"(46.9)



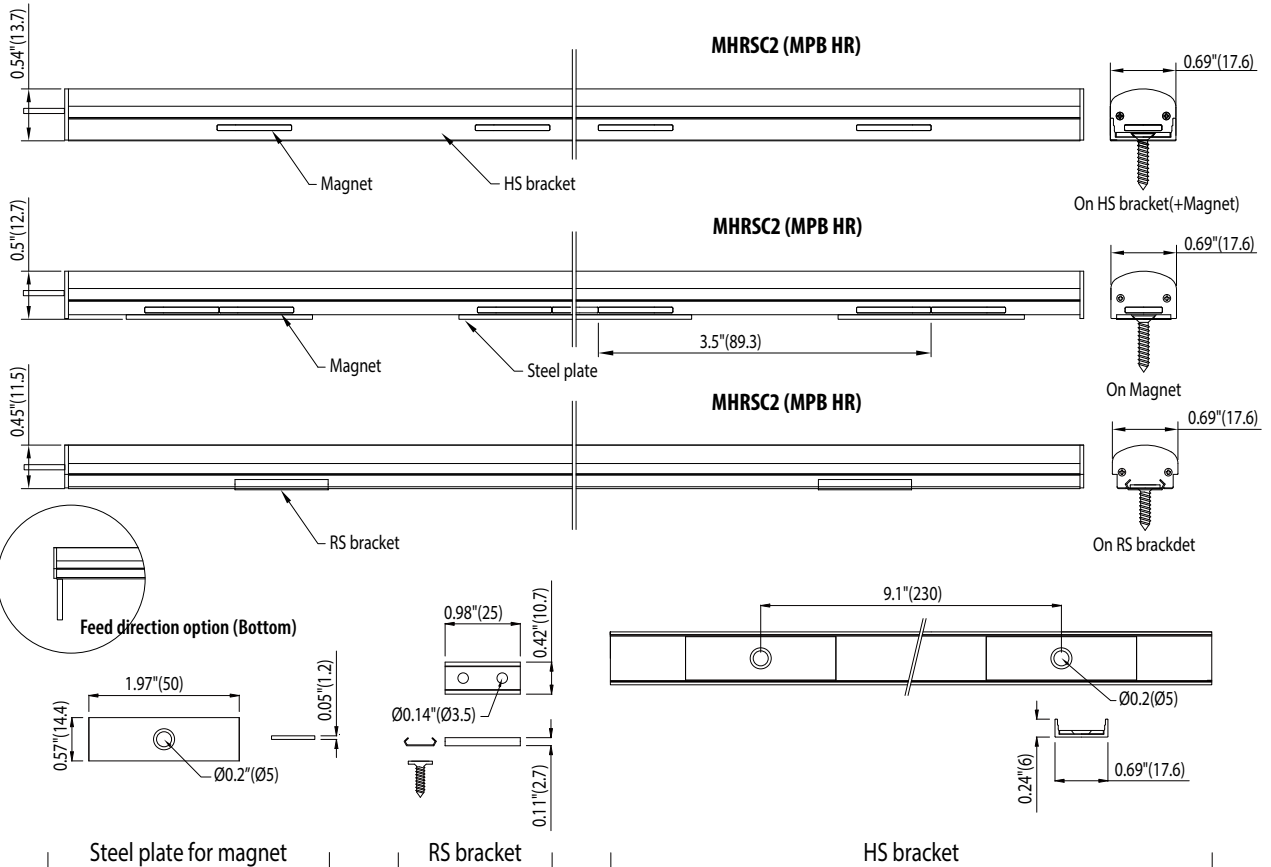
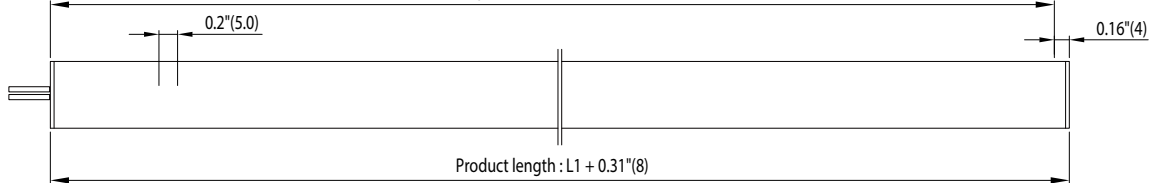
## A-◇(H)◇(H)-1C0-24-94-□-MHSSC2, MHRSC2

PCB length(L1) : Multiple of 3.69"(93.8)



## A-◇FH-1C0-24-35-□-MHSSC2, MHRSC2

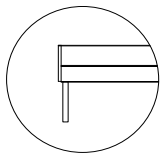
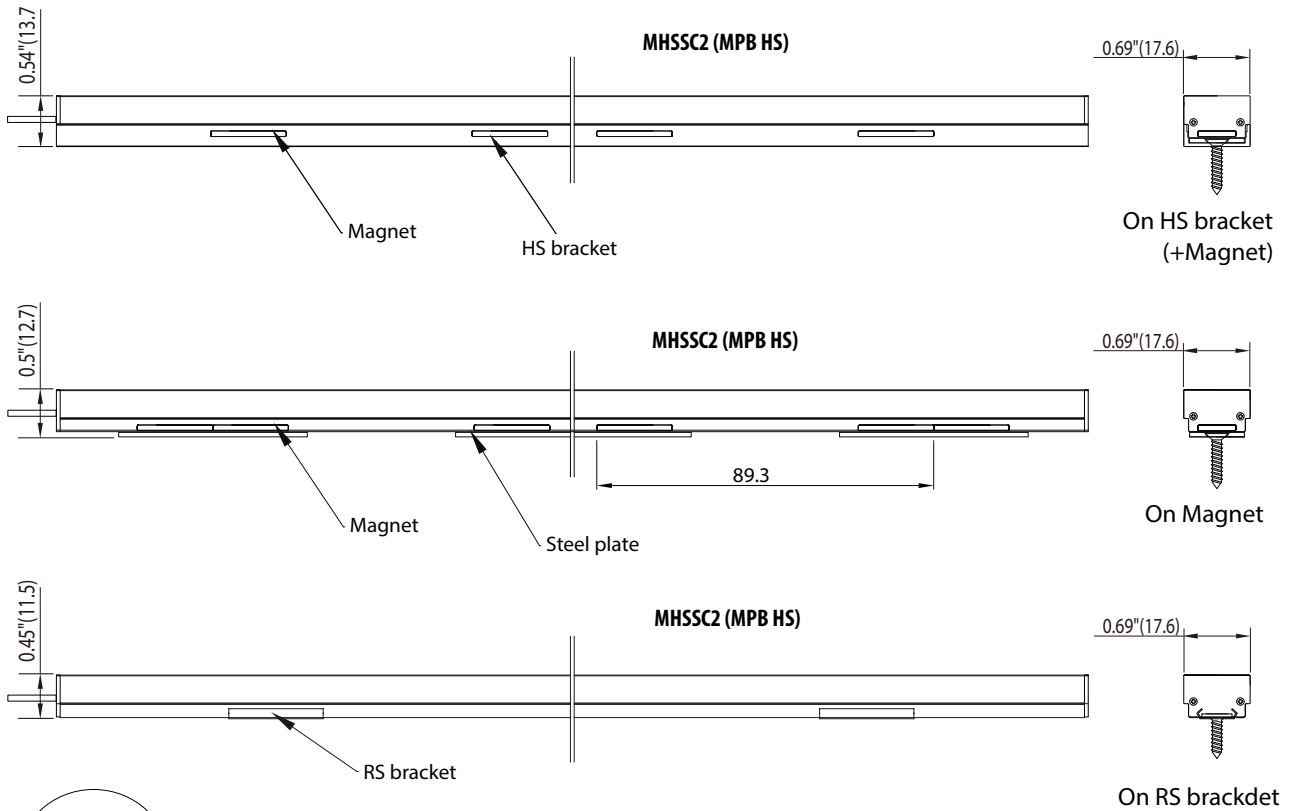
PCB length(L1) : Multiple of 1.38"(35.0)



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# DIMENSION

(inch / mm)



Feed direction option (Bottom)

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